

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081324\
 Data File : BM047173.D
 Acq On : 13 Aug 2024 13:47
 Operator : RC/JU
 Sample : P3390-09
 Misc : MDL-MDL-WATER-8NG
 ALS Vial : 9 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

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

Quant Time: Aug 13 14:24:08 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.369	152	205374	20.000	ng	0.00
21) Naphthalene-d8	10.128	136	878013	20.000	ng	0.00
39) Acenaphthene-d10	14.027	164	587912	20.000	ng	0.00
64) Phenanthrene-d10	16.786	188	1295651	20.000	ng	0.00
76) Chrysene-d12	21.027	240	1223995	20.000	ng	0.00
86) Perylene-d12	23.721	264	1419644	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.022	112	1461735	127.177	ng	0.00
7) Phenol-d6	6.581	99	2015501	127.263	ng	0.00
23) Nitrobenzene-d5	8.516	82	1488749	85.378	ng	0.00
42) 2,4,6-Tribromophenol	15.533	330	887164	130.141	ng	0.00
45) 2-Fluorobiphenyl	12.639	172	3157630	82.848	ng	0.00
79) Terphenyl-d14	19.456	244	4842848	84.780	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.034	88	41471	8.708	ng	96
3) Pyridine	3.416	79	105082	7.525	ng	96
4) n-Nitrosodimethylamine	3.328	42	51510	8.443	ng	# 99
6) Aniline	6.716	93	151242	10.104	ng	99
8) 2-Chlorophenol	6.945	128	106707	8.512	ng	97
9) Benzaldehyde	6.534	77	101193m	8.931	ng	
10) Phenol	6.604	94	128610	8.138	ng	96
11) bis(2-Chloroethyl)ether	6.822	93	112499	8.313	ng	98
12) 1,3-Dichlorobenzene	7.257	146	119647	8.032	ng	99
13) 1,4-Dichlorobenzene	7.404	146	122177	8.101	ng	98
14) 1,2-Dichlorobenzene	7.710	146	116622	8.195	ng	99
15) Benzyl Alcohol	7.622	79	85490	7.585	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.892	45	162099	9.334	ng	99
17) 2-Methylphenol	7.828	107	86086	8.165	ng	97
18) Hexachloroethane	8.422	117	45990	7.872	ng	95
19) n-Nitroso-di-n-propyla...	8.181	70	96054	9.004	ng	92
20) 3+4-Methylphenols	8.157	107	119633	8.117	ng	97
22) Acetophenone	8.187	105	182282	8.601	ng	# 96
24) Nitrobenzene	8.557	77	148487	8.457	ng	99
25) Isophorone	9.081	82	247786	8.161	ng	100
26) 2-Nitrophenol	9.257	139	51415	6.612	ng	96
27) 2,4-Dimethylphenol	9.339	122	72228	7.930	ng	100
28) bis(2-Chloroethoxy)met...	9.569	93	158860	8.316	ng	99
29) 2,4-Dichlorophenol	9.792	162	98297	7.273	ng	98
30) 1,2,4-Trichlorobenzene	9.992	180	117083	7.655	ng	99
31) Naphthalene	10.175	128	353330	8.078	ng	98
32) Benzoic acid	9.439	122	54807m	5.179	ng	
33) 4-Chloroaniline	10.304	127	142877	8.494	ng	99
34) Hexachlorobutadiene	10.463	225	62454	6.976	ng	99
35) Caprolactam	11.081	113	32700	6.967	ng	# 88
36) 4-Chloro-3-methylphenol	11.445	107	105685	7.343	ng	99
37) 2-Methylnaphthalene	11.804	142	250673	8.049	ng	98
38) 1-Methylnaphthalene	12.028	142	236490	7.684	ng	99
40) 1,2,4,5-Tetrachloroben...	12.180	216	121333	7.566	ng	99
41) Hexachlorocyclopentadiene	12.157	237	45557	8.136	ng	94
43) 2,4,6-Trichlorophenol	12.439	196	77806	6.827	ng	100

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 ALS Vial : 9 Sample Multiplier: 1

Instrument :
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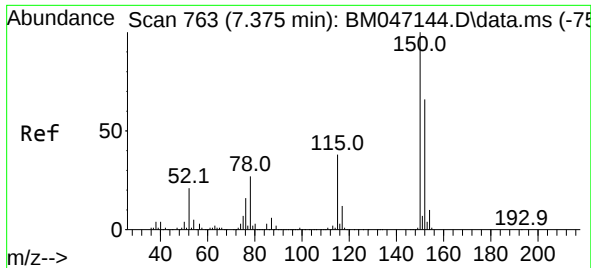
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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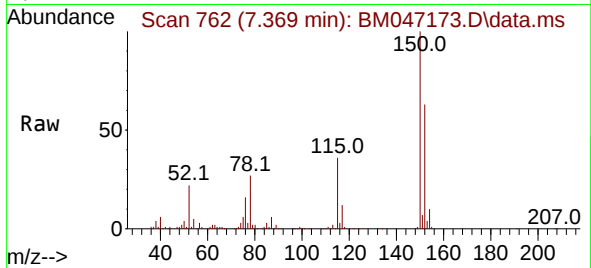
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.516	196	86744	6.855	ng	96
46) 1,1'-Biphenyl	12.851	154	348214	8.320	ng	99
47) 2-Chloronaphthalene	12.880	162	266726	8.153	ng	99
48) 2-Nitroaniline	13.110	65	77240	7.537	ng	89
49) Acenaphthylene	13.745	152	426763	8.850	ng	100
50) Dimethylphthalate	13.504	163	331868	8.082	ng	100
51) 2,6-Dinitrotoluene	13.621	165	67146	6.996	ng	96
52) Acenaphthene	14.092	154	247194	8.081	ng	99
53) 3-Nitroaniline	13.951	138	68674	7.140	ng	# 88
54) 2,4-Dinitrophenol	14.169	184	26009	4.521	ng	92
55) Dibenzofuran	14.433	168	410604	8.498	ng	99
56) 4-Nitrophenol	14.292	139	53635	6.467	ng	90
57) 2,4-Dinitrotoluene	14.421	165	89788	7.008	ng	# 88
58) Fluorene	15.086	166	330740	8.296	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.669	232	74335	7.147	ng	95
60) Diethylphthalate	14.886	149	327971	7.822	ng	99
61) 4-Chlorophenyl-phenyle...	15.092	204	154457	8.138	ng	99
62) 4-Nitroaniline	15.127	138	65534	6.916	ng	92
63) Azobenzene	15.386	77	339230	8.533	ng	97
65) 4,6-Dinitro-2-methylph...	15.192	198	41495	5.470	ng	93
66) n-Nitrosodiphenylamine	15.316	169	281235	7.969	ng	99
67) 4-Bromophenyl-phenylether	15.992	248	91641	7.340	ng	98
68) Hexachlorobenzene	16.092	284	112267	7.508	ng	95
69) Atrazine	16.286	200	93285	8.784	ng	98
70) Pentachlorophenol	16.451	266	58475	5.579	ng	98
71) Phenanthrene	16.833	178	535987	8.243	ng	100
72) Anthracene	16.921	178	520703	8.230	ng	99
73) Carbazole	17.204	167	499722	7.736	ng	100
74) Di-n-butylphthalate	17.792	149	544404	7.243	ng	98
75) Fluoranthene	18.862	202	585822	7.407	ng	98
77) Benzidine	19.074	184	226921	10.932	ng	100
78) Pyrene	19.233	202	627668	7.182	ng	99
80) Butylbenzylphthalate	20.174	149	235259	6.596	ng	98
81) Benzo(a)anthracene	21.009	228	634899	7.814	ng	100
82) 3,3'-Dichlorobenzidine	20.956	252	207029	8.143	ng	98
83) Chrysene	21.068	228	603192	7.824	ng	98
84) Bis(2-ethylhexyl)phtha...	20.974	149	344883	6.818	ng	99
85) Di-n-octyl phthalate	22.009	149	540319	6.285	ng	# 96
87) Indeno(1,2,3-cd)pyrene	26.703	276	716650	7.810	ng	98
88) Benzo(b)fluoranthene	22.880	252	625057	7.414	ng	99
89) Benzo(k)fluoranthene	22.933	252	637420	8.005	ng	99
90) Benzo(a)pyrene	23.597	252	561152	7.684	ng	98
91) Dibenzo(a,h)anthracene	26.756	278	586085	7.892	ng	98
92) Benzo(g,h,i)perylene	27.626	276	575053	7.458	ng	98

(#) = 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: BM047173.D
Acq: 13 Aug 2024 13:47

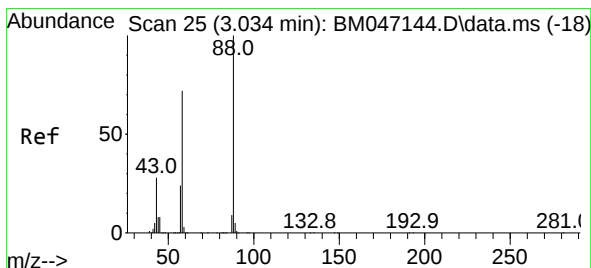
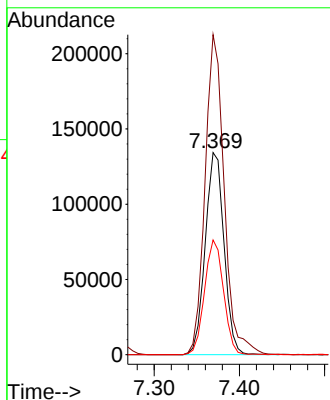
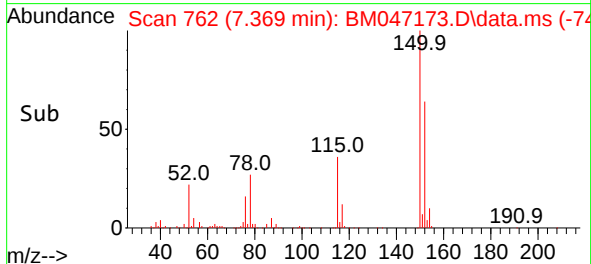
Instrument :
BNA_M
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MDL-WATER-03-QT3-2024



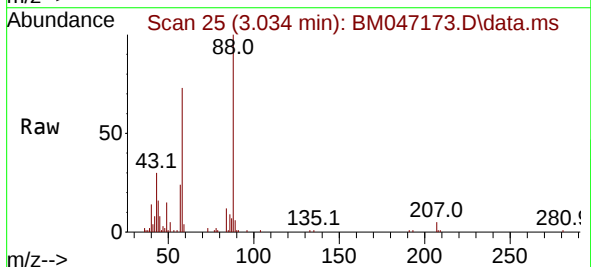
Tgt Ion:152 Resp: 205374
Ion Ratio Lower Upper
152 100
150 158.4 120.5 180.7
115 56.8 45.5 68.3

Manual Integrations
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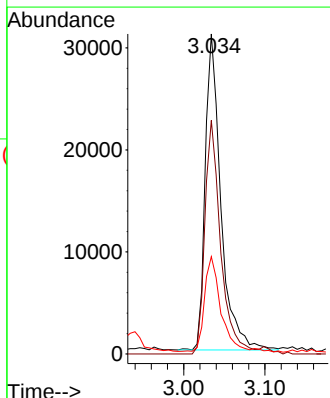
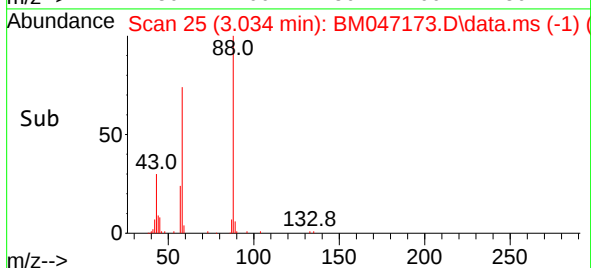
Reviewed By :Yogesh Patel 08/14/2024
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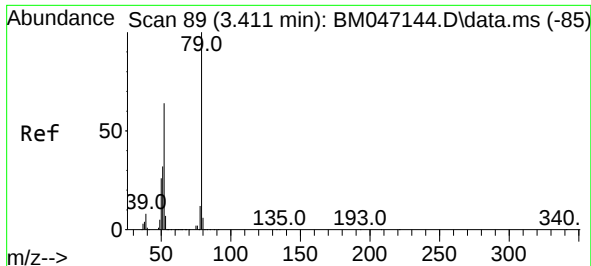


#2
1,4-Dioxane
Concen: 8.708 ng
RT: 3.034 min Scan# 25
Delta R.T. -0.000 min
Lab File: BM047173.D
Acq: 13 Aug 2024 13:47



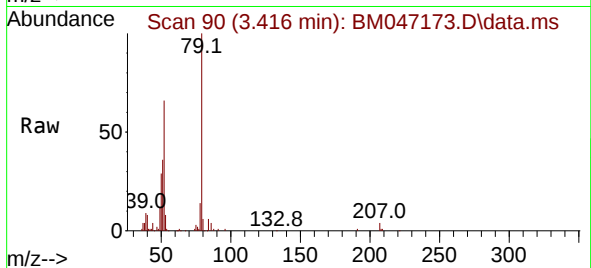
Tgt Ion: 88 Resp: 41471
Ion Ratio Lower Upper
88 100
58 74.2 58.2 87.4
43 32.6 22.5 33.7





#3
 Pyridine
 Concen: 7.525 ng
 RT: 3.416 min Scan# 90
 Delta R.T. 0.006 min
 Lab File: BM047173.D
 Acq: 13 Aug 2024 13:47

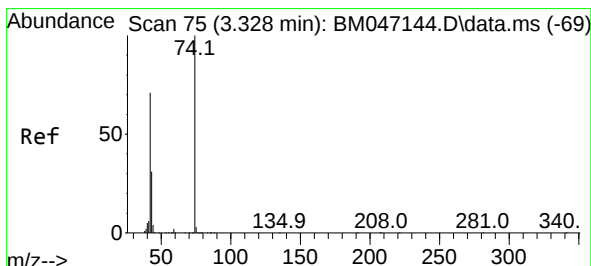
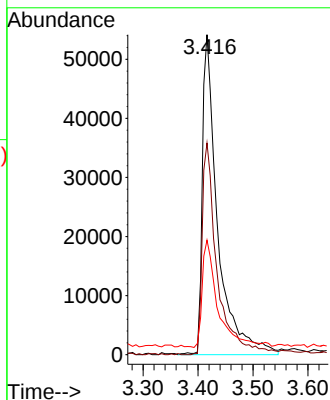
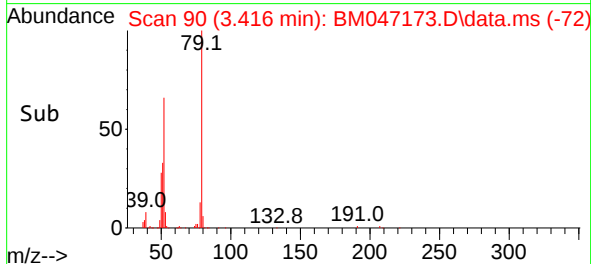
Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT3-2024



Tgt Ion: 79 Resp: 10508
 Ion Ratio Lower Upper
 79 100
 52 66.1 51.2 76.8
 51 35.8 26.1 39.1

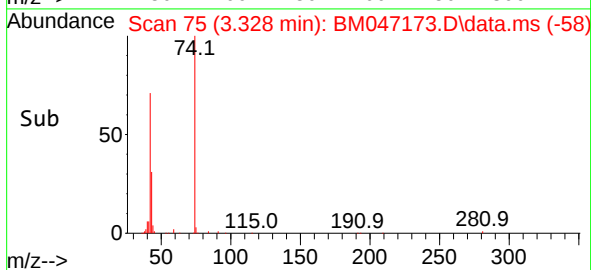
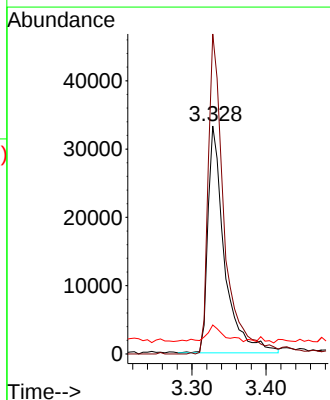
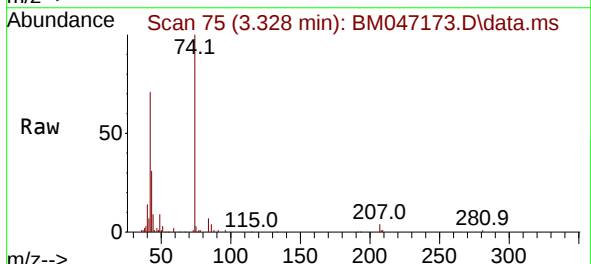
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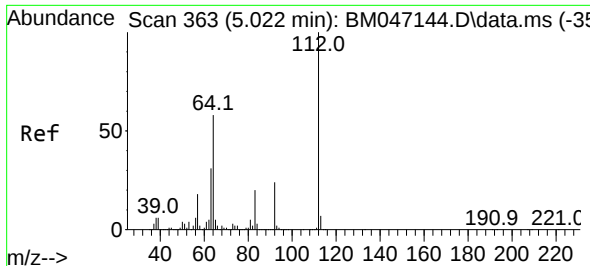
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024



#4
 n-Nitrosodimethylamine
 Concen: 8.443 ng
 RT: 3.328 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: BM047173.D
 Acq: 13 Aug 2024 13:47

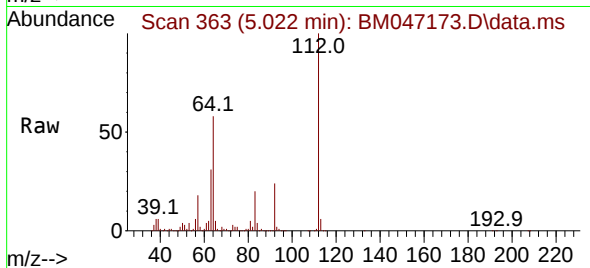
Tgt Ion: 42 Resp: 51510
 Ion Ratio Lower Upper
 42 100
 74 140.4 112.9 169.3
 44 12.7 5.3 7.9





#5
2-Fluorophenol
Concen: 127.177 ng
RT: 5.022 min Scan# 30
Delta R.T. -0.000 min
Lab File: BM047173.D
Acq: 13 Aug 2024 13:47

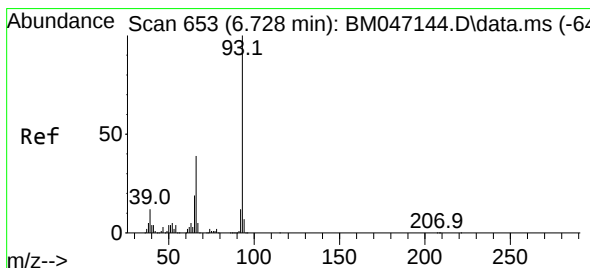
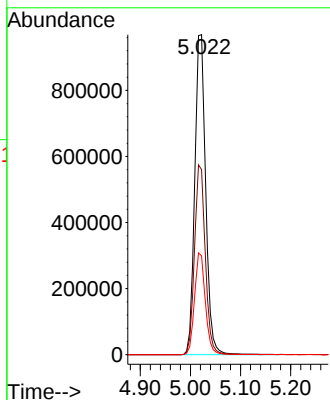
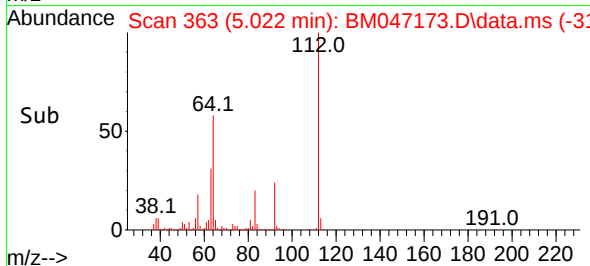
Instrument :
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ClientSampleId :
MDL-WATER-03-QT3-2024



Tgt Ion: 112 Resp: 146173
Ion Ratio Lower Upper
112 100
64 57.9 46.7 70.1
63 30.9 24.8 37.2

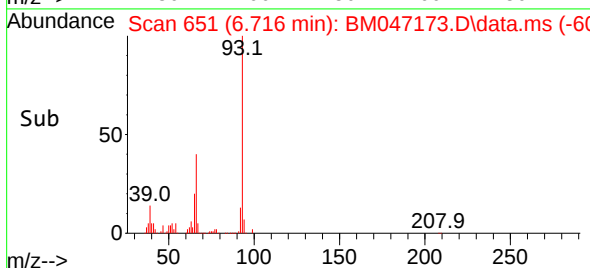
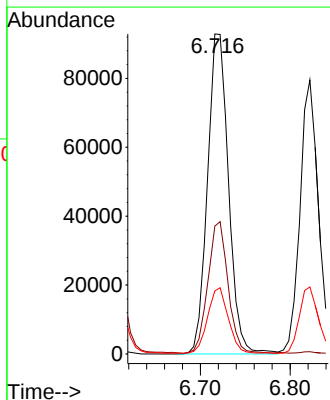
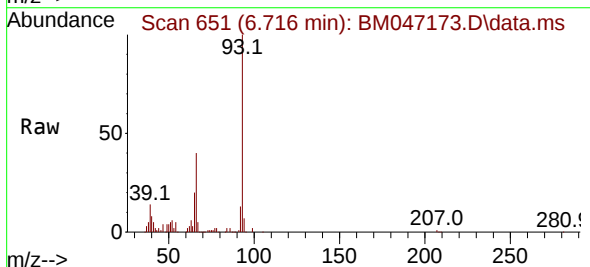
Manual Integrations
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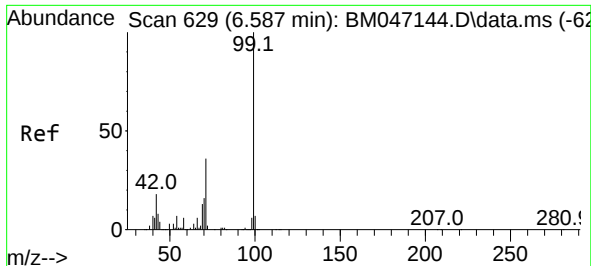
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#6
Aniline
Concen: 10.104 ng
RT: 6.716 min Scan# 651
Delta R.T. -0.012 min
Lab File: BM047173.D
Acq: 13 Aug 2024 13:47

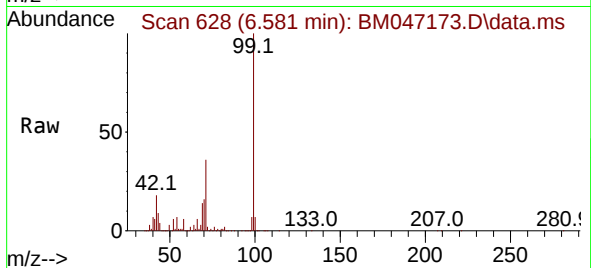
Tgt Ion: 93 Resp: 151242
Ion Ratio Lower Upper
93 100
66 39.9 31.4 47.2
65 19.7 15.6 23.4





#7
Phenol-d6
Concen: 127.263 ng
RT: 6.581 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM047173.D
Acq: 13 Aug 2024 13:47

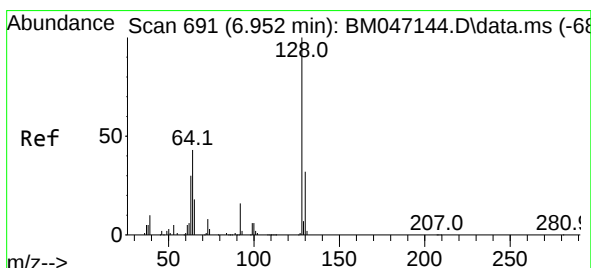
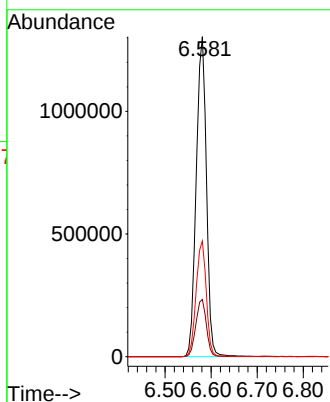
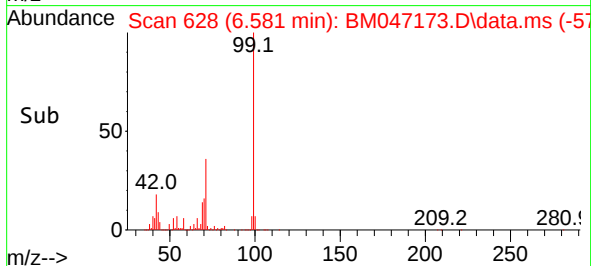
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2024



Tgt Ion: 99 Resp: 201550
Ion Ratio Lower Upper
99 100
42 17.9 14.1 21.1
71 36.2 28.5 42.7

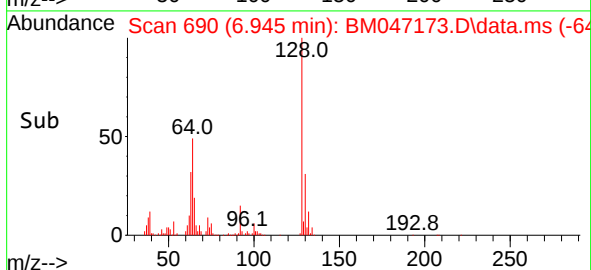
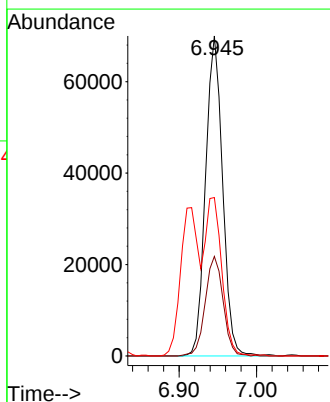
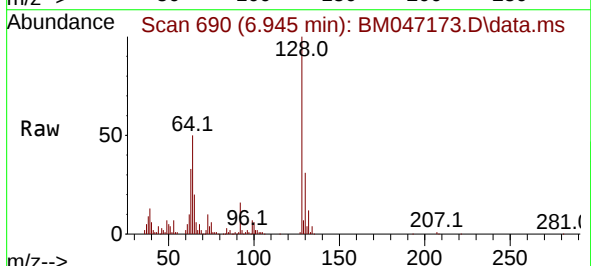
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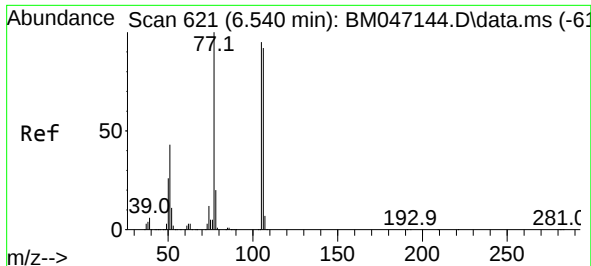
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#8
2-Chlorophenol
Concen: 8.512 ng
RT: 6.945 min Scan# 690
Delta R.T. -0.006 min
Lab File: BM047173.D
Acq: 13 Aug 2024 13:47

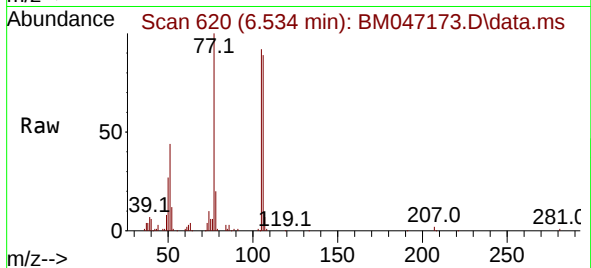
Tgt Ion:128 Resp: 106707
Ion Ratio Lower Upper
128 100
130 31.1 12.1 52.1
64 49.5 26.6 66.6





#9
Benzaldehyde
Concen: 8.931 ng m
RT: 6.534 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM047173.D
Acq: 13 Aug 2024 13:47

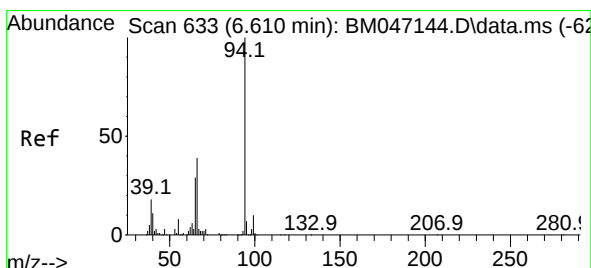
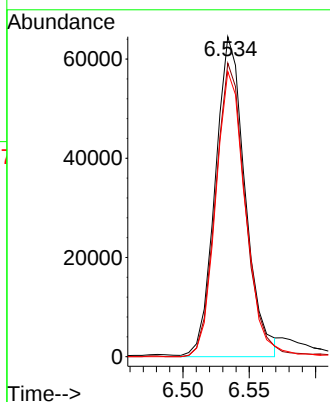
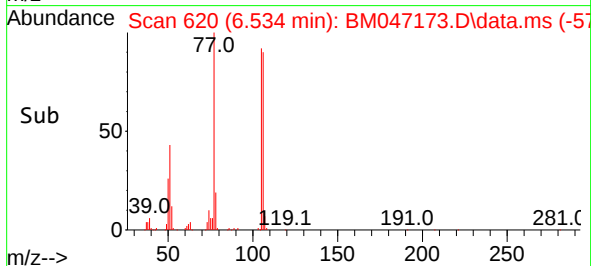
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2024



Tgt Ion: 77 Resp: 10119
Ion Ratio Lower Upper
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106 89.1 72.3 112.3

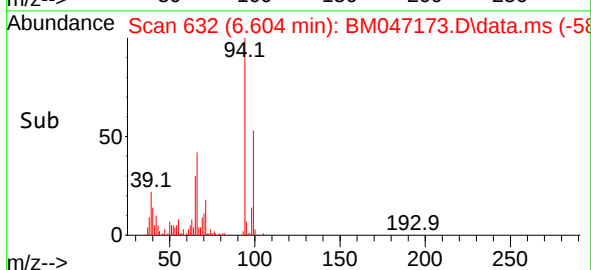
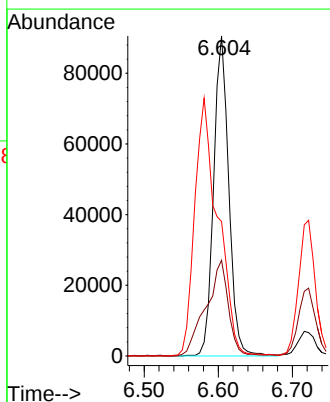
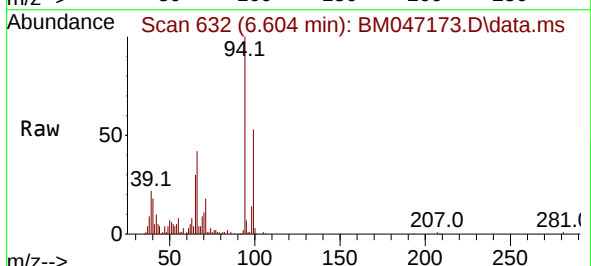
Manual Integrations
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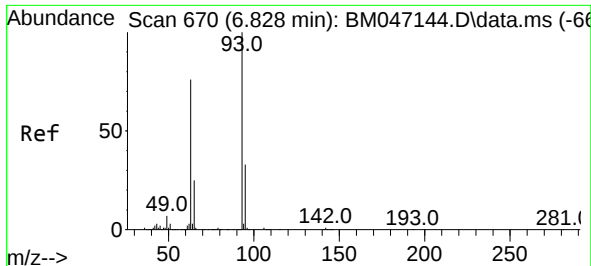
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#10
Phenol
Concen: 8.138 ng
RT: 6.604 min Scan# 632
Delta R.T. -0.006 min
Lab File: BM047173.D
Acq: 13 Aug 2024 13:47

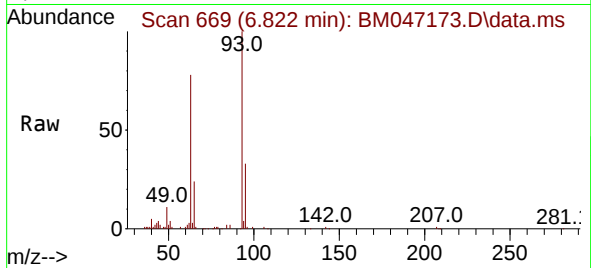
Tgt Ion: 94 Resp: 128610
Ion Ratio Lower Upper
94 100
65 29.9 9.0 49.0
66 42.0 18.9 58.9





#11
bis(2-Chloroethyl)ether
Concen: 8.313 ng
RT: 6.822 min Scan# 609
Delta R.T. -0.006 min
Lab File: BM047173.D
Acq: 13 Aug 2024 13:47

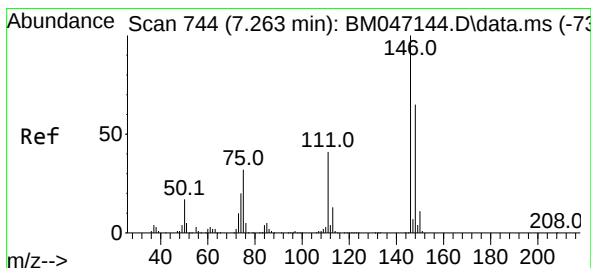
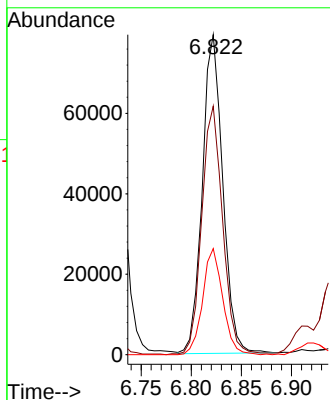
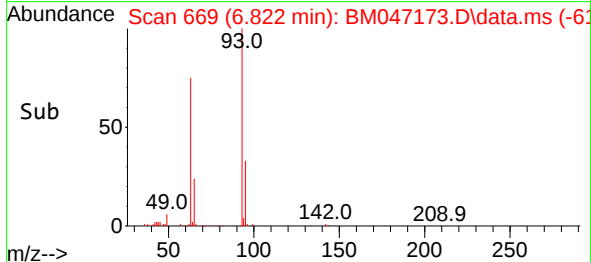
Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT3-2024



Tgt Ion: 93 Resp: 112498
Ion Ratio Lower Upper
93 100
63 77.7 55.8 95.8
95 33.2 12.7 52.7

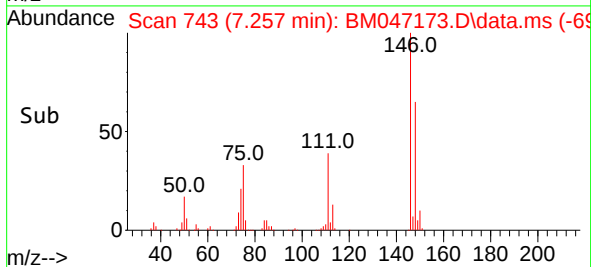
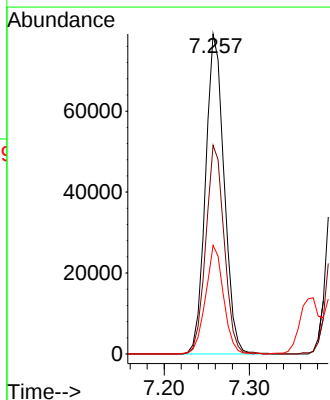
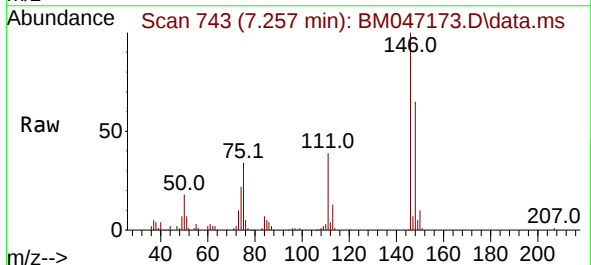
Manual Integrations
APPROVED

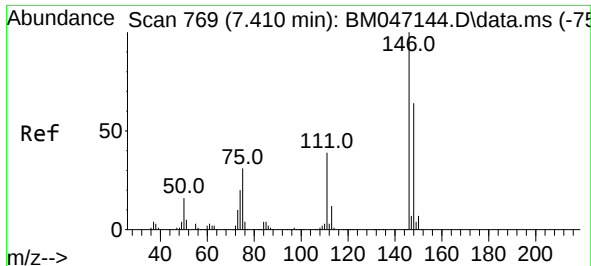
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#12
1,3-Dichlorobenzene
Concen: 8.032 ng
RT: 7.257 min Scan# 743
Delta R.T. -0.006 min
Lab File: BM047173.D
Acq: 13 Aug 2024 13:47

Tgt Ion:146 Resp: 119647
Ion Ratio Lower Upper
146 100
148 65.2 52.3 78.5
75 34.0 25.8 38.6





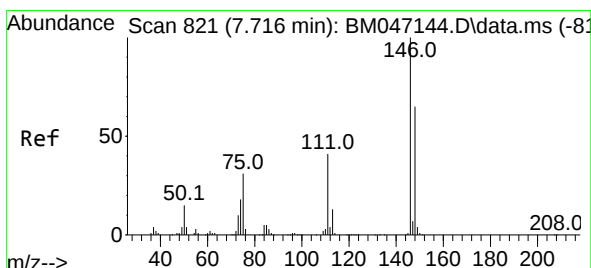
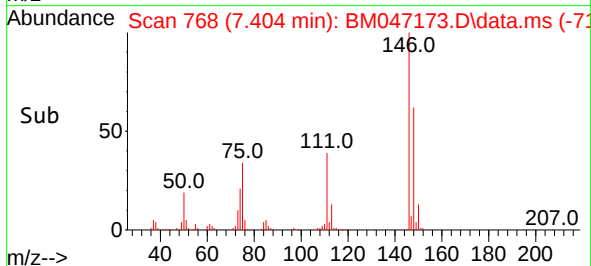
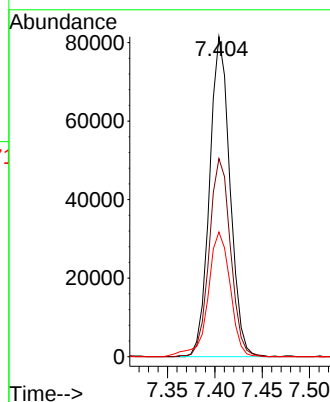
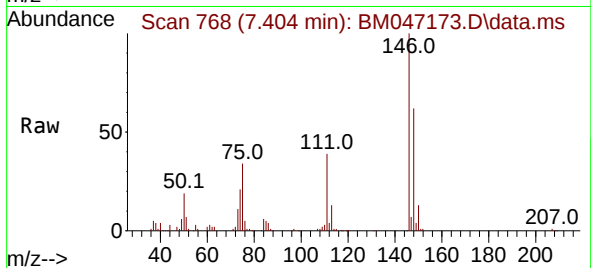
#13
1,4-Dichlorobenzene
Concen: 8.101 ng
RT: 7.404 min Scan# 70
Delta R.T. -0.006 min
Lab File: BM047173.D
Acq: 13 Aug 2024 13:47

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

Tgt Ion:146 Resp: 12217
Ion Ratio Lower Upper
146 100
148 61.9 51.4 77.2
111 39.0 31.5 47.3

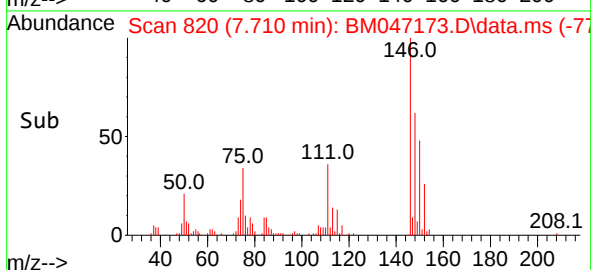
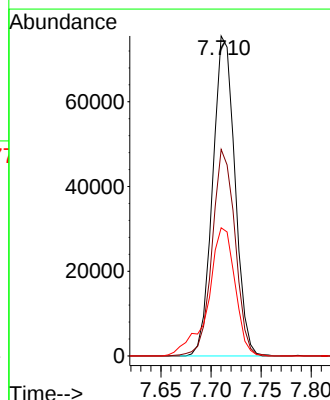
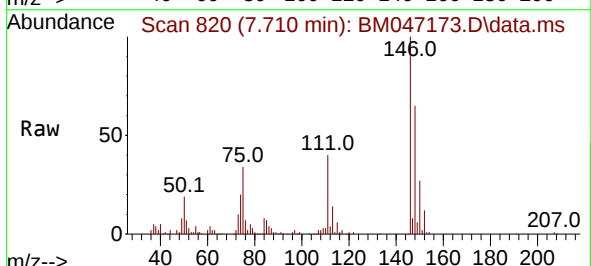
Manual Integrations
APPROVED

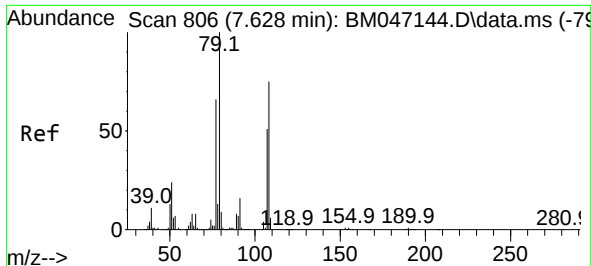
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#14
1,2-Dichlorobenzene
Concen: 8.195 ng
RT: 7.710 min Scan# 820
Delta R.T. -0.006 min
Lab File: BM047173.D
Acq: 13 Aug 2024 13:47

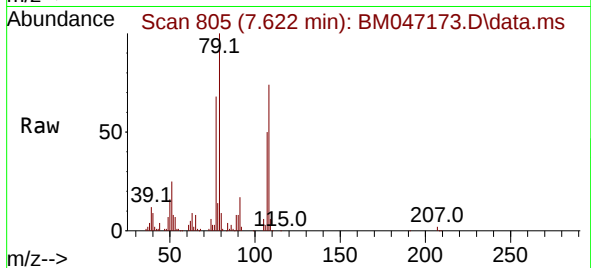
Tgt Ion:146 Resp: 116622
Ion Ratio Lower Upper
146 100
148 64.5 51.8 77.8
111 40.1 33.3 49.9





#15
Benzyl Alcohol
Concen: 7.585 ng
RT: 7.622 min Scan# 806
Delta R.T. -0.006 min
Lab File: BM047173.D
Acq: 13 Aug 2024 13:47

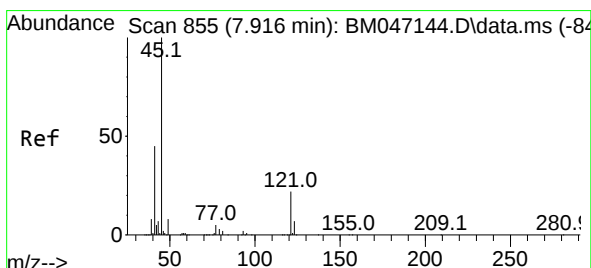
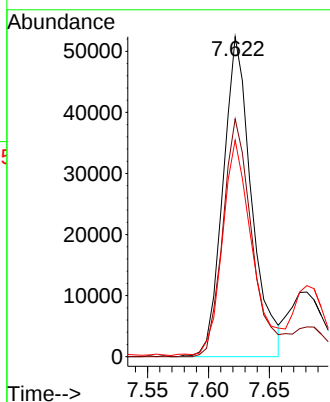
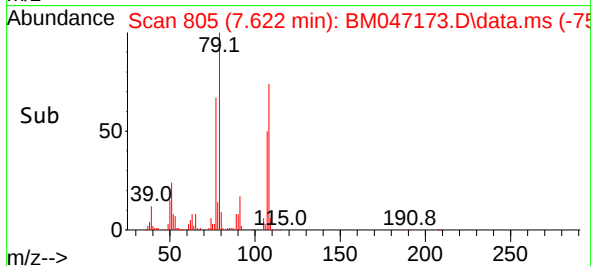
Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT3-2024



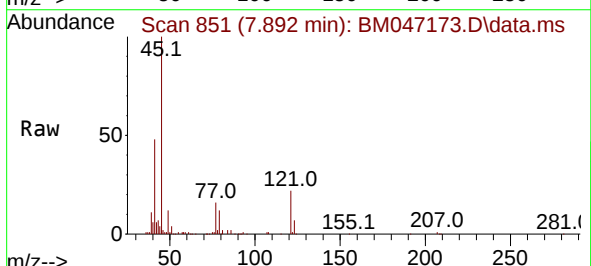
Tgt Ion: 79 Resp: 85490
Ion Ratio Lower Upper
79 100
108 74.3 59.7 89.5
77 67.7 52.9 79.3

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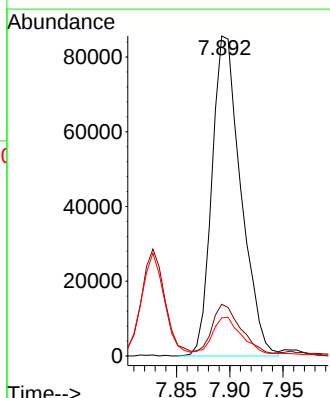
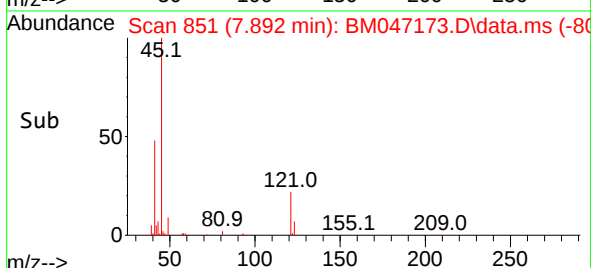
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024

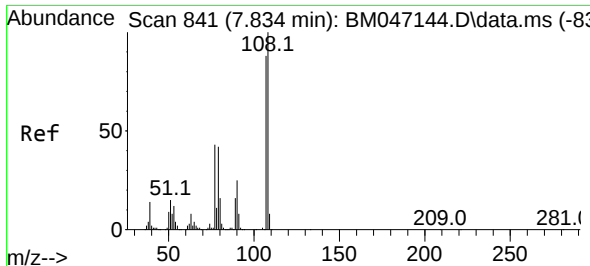


#16
2,2'-oxybis(1-Chloropropane)
Concen: 9.334 ng
RT: 7.892 min Scan# 851
Delta R.T. -0.024 min
Lab File: BM047173.D
Acq: 13 Aug 2024 13:47



Tgt Ion: 45 Resp: 162099
Ion Ratio Lower Upper
45 100
77 16.2 0.0 35.6
79 11.9 0.0 32.4





#17

2-Methylphenol

Concen: 8.165 ng

RT: 7.828 min Scan# 841

Delta R.T. -0.006 min

Lab File: BM047173.D

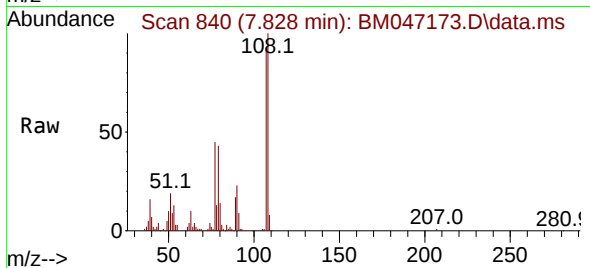
Acq: 13 Aug 2024 13:47

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2024



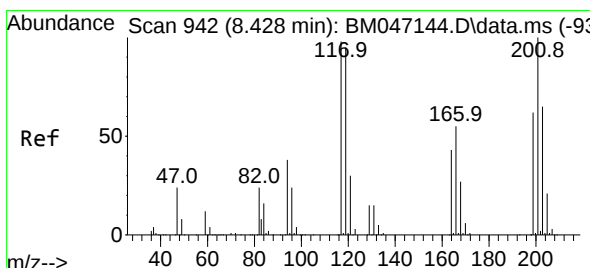
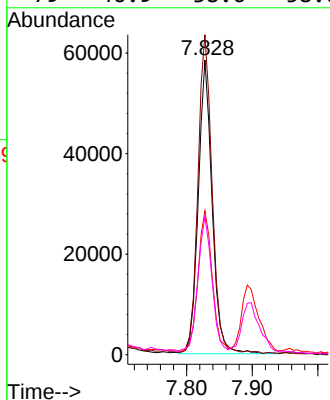
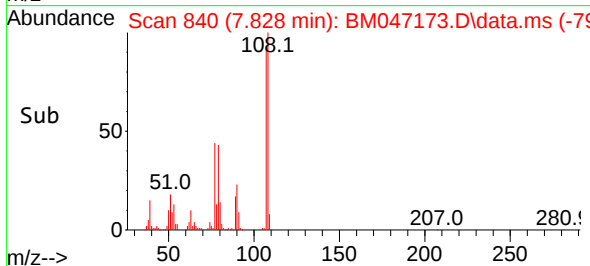
Tgt Ion:	107	Resp:	8608
Ion	Ratio	Lower	Upper
107	100		
108	108.6	90.6	135.8
77	48.8	39.3	58.9
79	46.9	38.6	58.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/14/2024

Supervised By :mohammad ahmed 08/14/2024



#18

Hexachloroethane

Concen: 7.872 ng

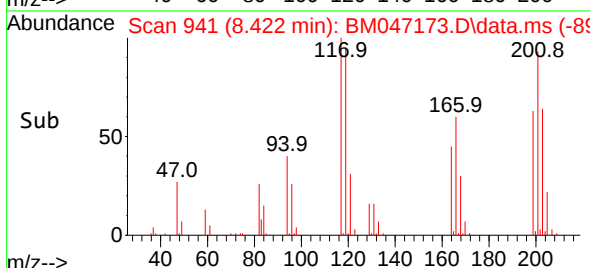
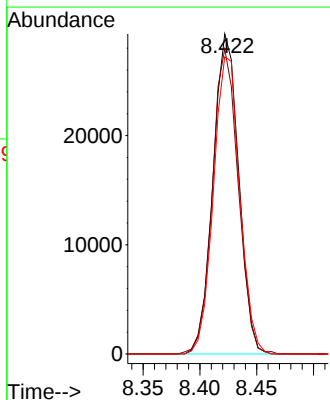
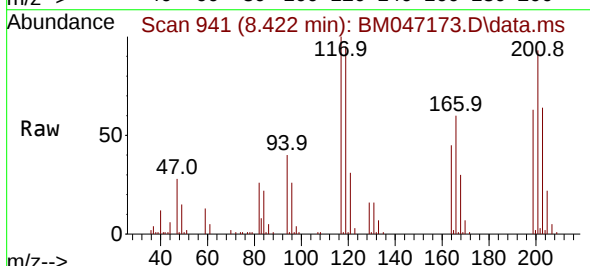
RT: 8.422 min Scan# 941

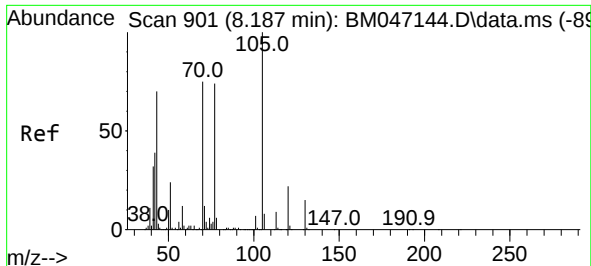
Delta R.T. -0.006 min

Lab File: BM047173.D

Acq: 13 Aug 2024 13:47

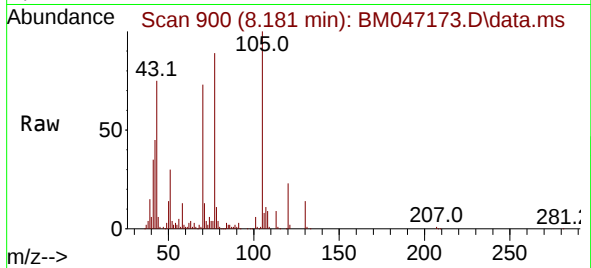
Tgt Ion:	117	Resp:	45990
Ion	Ratio	Lower	Upper
117	100		
119	95.3	77.0	115.4
201	92.9	81.3	121.9





#19
n-Nitroso-di-n-propylamine
Concen: 9.004 ng
RT: 8.181 min Scan# 901
Delta R.T. -0.006 min
Lab File: BM047173.D
Acq: 13 Aug 2024 13:47

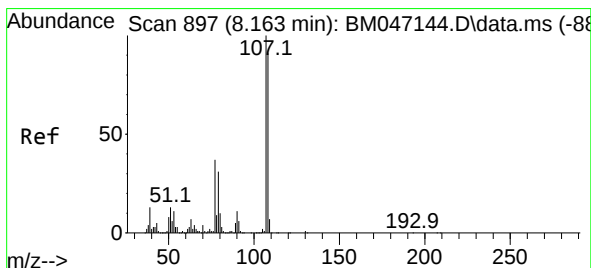
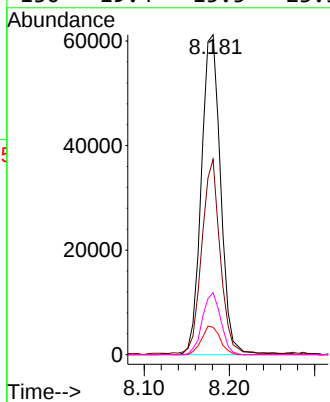
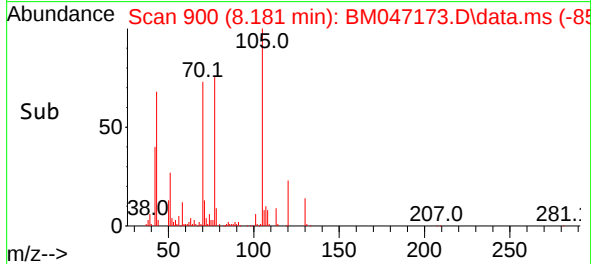
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2024



Tgt Ion: 70 Resp: 96054
Ion Ratio Lower Upper
70 100
42 61.1 42.0 63.0
101 8.6 7.2 10.8
130 19.4 15.5 23.3

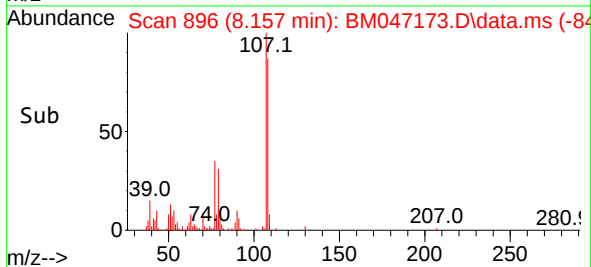
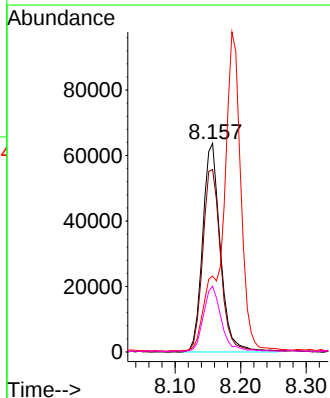
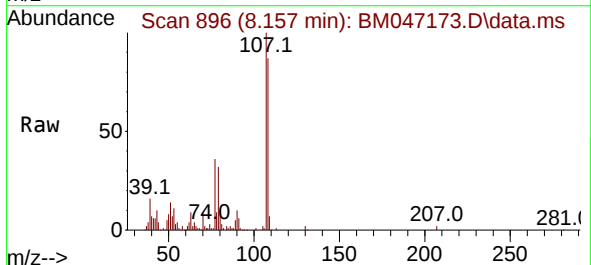
Manual Integrations
APPROVED

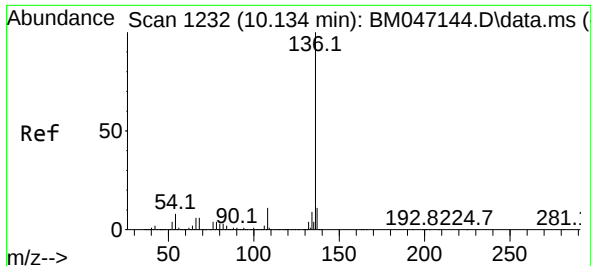
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#20
3+4-Methylphenols
Concen: 8.117 ng
RT: 8.157 min Scan# 896
Delta R.T. -0.006 min
Lab File: BM047173.D
Acq: 13 Aug 2024 13:47

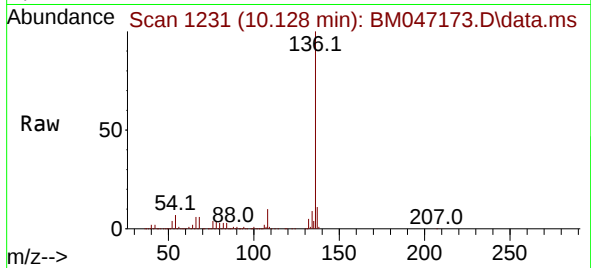
Tgt Ion:107 Resp: 119633
Ion Ratio Lower Upper
107 100
108 87.4 70.7 110.7
77 36.3 17.4 57.4
79 31.5 10.9 50.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.128 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM047173.D
Acq: 13 Aug 2024 13:47

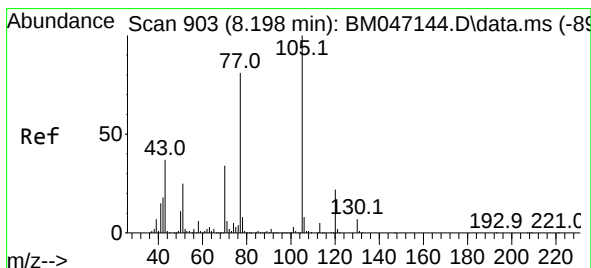
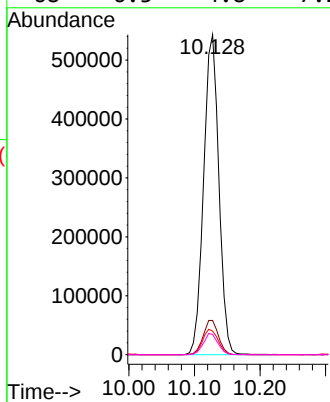
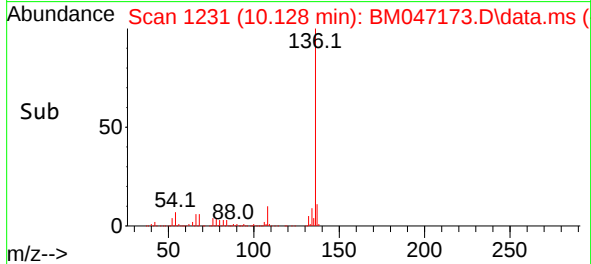
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2024



Tgt Ion:136 Resp: 87801
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 7.4 6.0 9.0
68 6.3 4.8 7.2

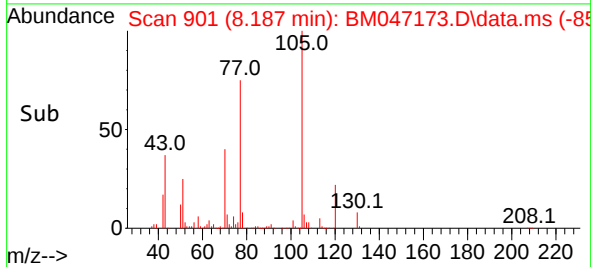
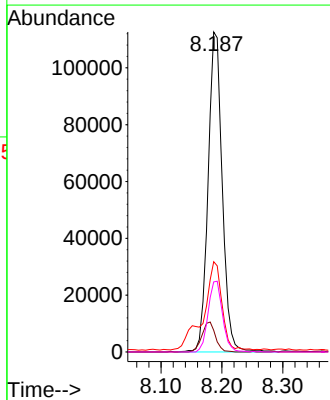
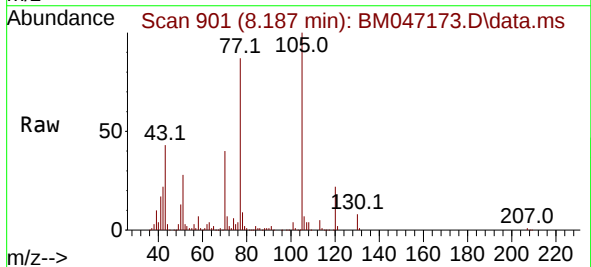
Manual Integrations
APPROVED

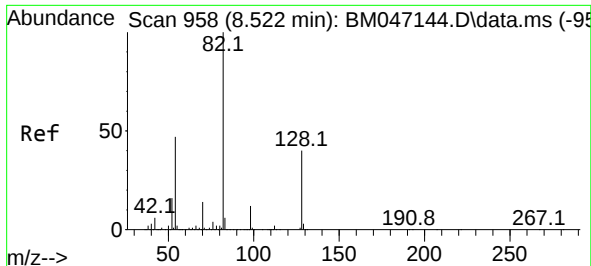
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#22
Acetophenone
Concen: 8.601 ng
RT: 8.187 min Scan# 901
Delta R.T. -0.012 min
Lab File: BM047173.D
Acq: 13 Aug 2024 13:47

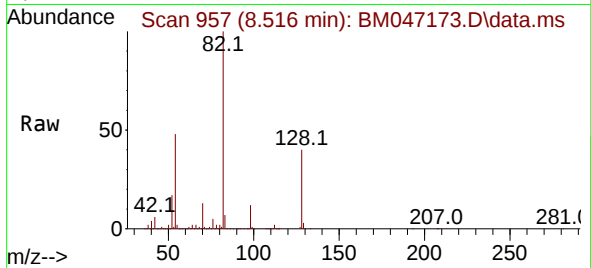
Tgt Ion:105 Resp: 182282
Ion Ratio Lower Upper
105 100
71 6.8 4.5 6.7#
51 28.2 20.1 30.1
120 21.9 17.8 26.6





#23
Nitrobenzene-d5
Concen: 85.378 ng
RT: 8.516 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM047173.D
Acq: 13 Aug 2024 13:47

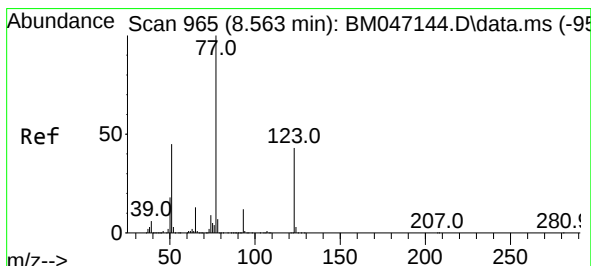
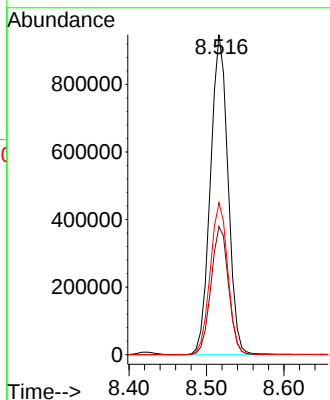
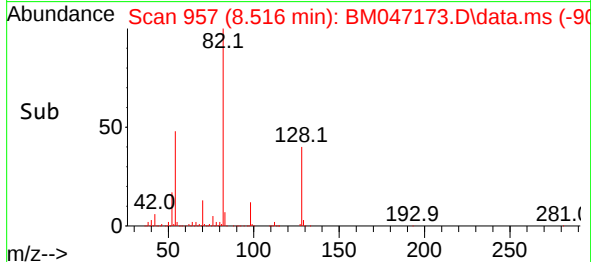
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2024



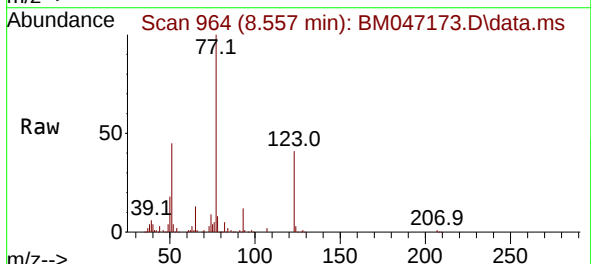
Tgt Ion: 82 Resp: 1488749
Ion Ratio Lower Upper
82 100
128 40.1 32.3 48.5
54 47.5 37.4 56.2

Manual Integrations
APPROVED

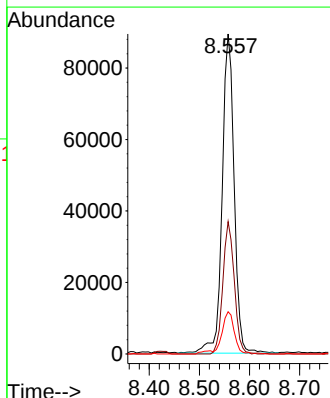
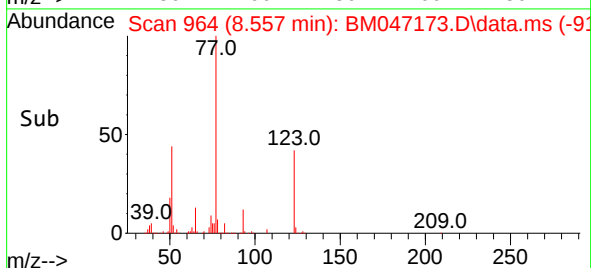
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024

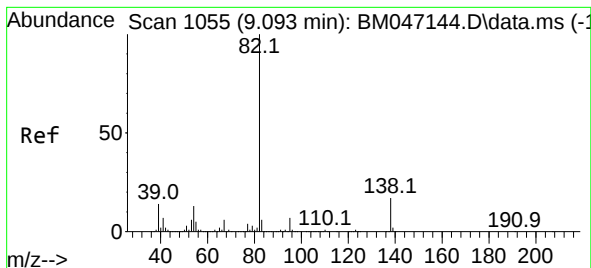


#24
Nitrobenzene
Concen: 8.457 ng
RT: 8.557 min Scan# 964
Delta R.T. -0.006 min
Lab File: BM047173.D
Acq: 13 Aug 2024 13:47



Tgt Ion: 77 Resp: 148487
Ion Ratio Lower Upper
77 100
123 41.3 34.0 51.0
65 13.2 10.5 15.7





#25

Isophorone

Concen: 8.161 ng

RT: 9.081 min Scan# 1053

Delta R.T. -0.012 min

Lab File: BM047173.D

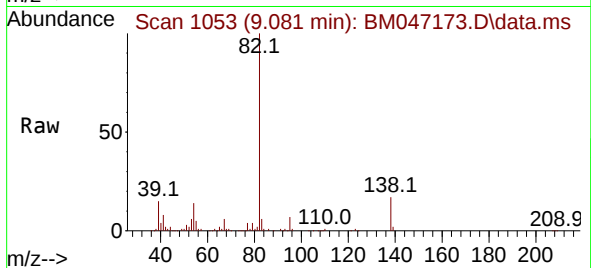
Acq: 13 Aug 2024 13:47

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2024



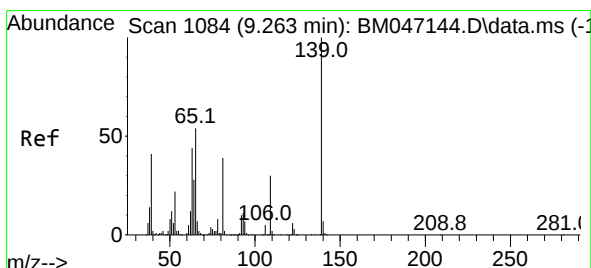
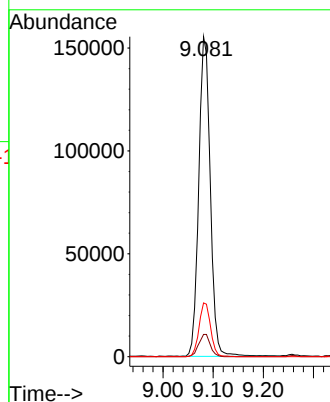
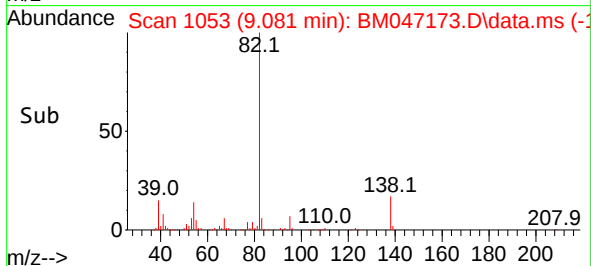
Tgt Ion:	82	Resp:	24778
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.5	8.3
138	16.8	13.5	20.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/14/2024

Supervised By :mohammad ahmed 08/14/2024



#26

2-Nitrophenol

Concen: 6.612 ng

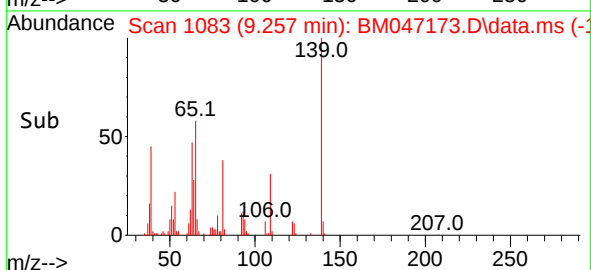
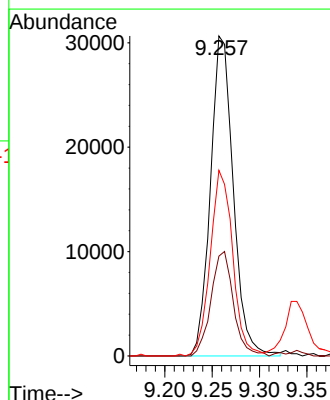
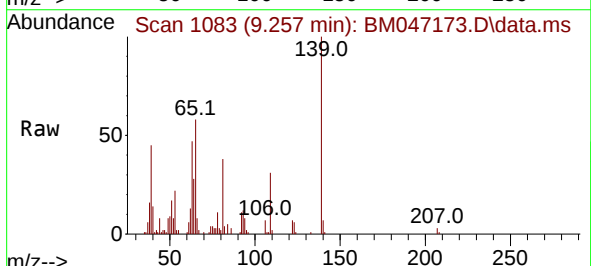
RT: 9.257 min Scan# 1083

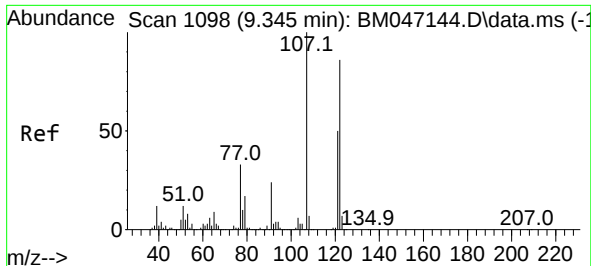
Delta R.T. -0.006 min

Lab File: BM047173.D

Acq: 13 Aug 2024 13:47

Tgt Ion:	139	Resp:	51415
Ion Ratio	Lower	Upper	
139	100		
109	31.2	24.4	36.6
65	58.0	43.0	64.6





#27

2,4-Dimethylphenol

Concen: 7.930 ng

RT: 9.339 min Scan# 1097

Delta R.T. -0.006 min

Lab File: BM047173.D

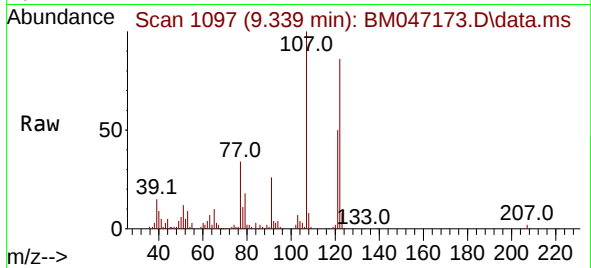
Acq: 13 Aug 2024 13:47

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2024



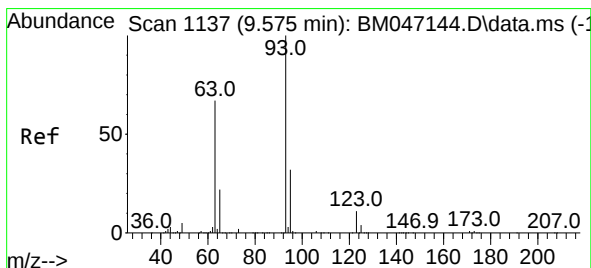
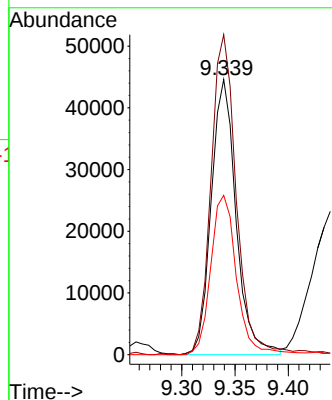
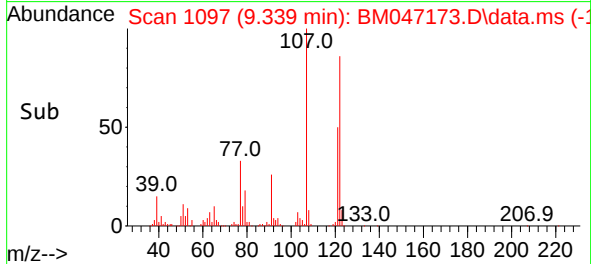
Tgt Ion:	122	Resp:	72228
Ion	Ratio	Lower	Upper
122	100		
107	116.3	92.8	139.2
121	57.9	46.1	69.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/14/2024

Supervised By :mohammad ahmed 08/14/2024



#28

bis(2-Chloroethoxy)methane

Concen: 8.316 ng

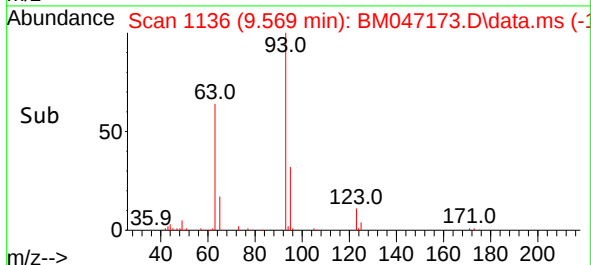
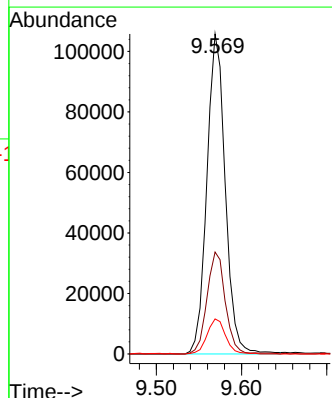
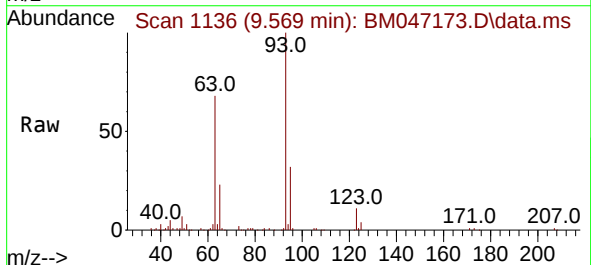
RT: 9.569 min Scan# 1136

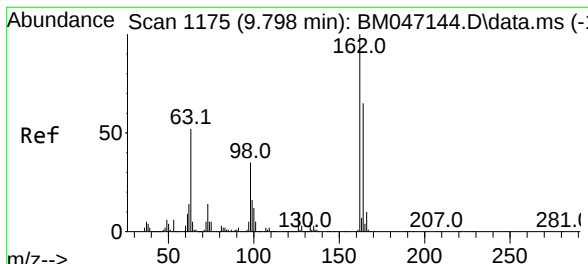
Delta R.T. -0.006 min

Lab File: BM047173.D

Acq: 13 Aug 2024 13:47

Tgt Ion:	93	Resp:	158860
Ion	Ratio	Lower	Upper
93	100		
95	31.9	25.8	38.8
123	11.0	9.0	13.4



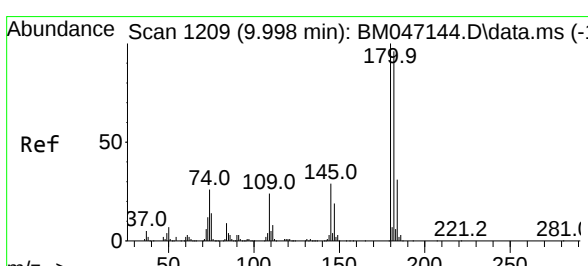
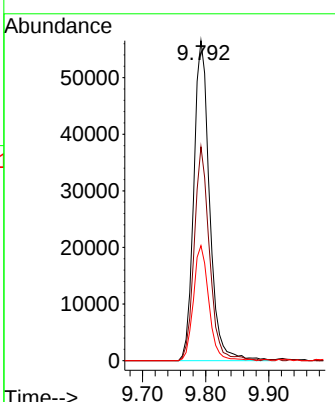
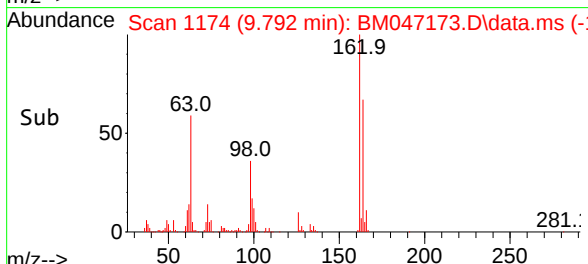
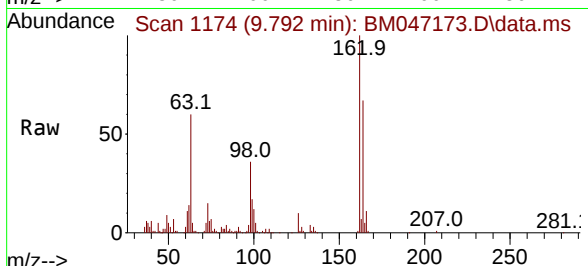


#29
 2,4-Dichlorophenol
 Concen: 7.273 ng
 RT: 9.792 min Scan# 1174
 Delta R.T. -0.006 min
 Lab File: BM047173.D
 Acq: 13 Aug 2024 13:47

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

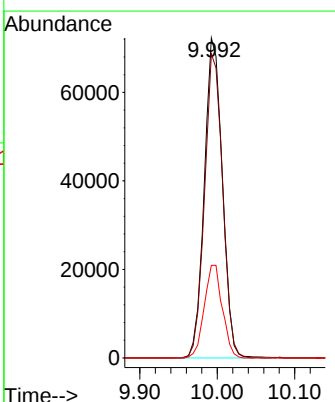
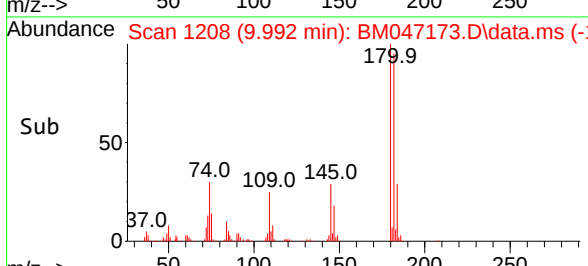
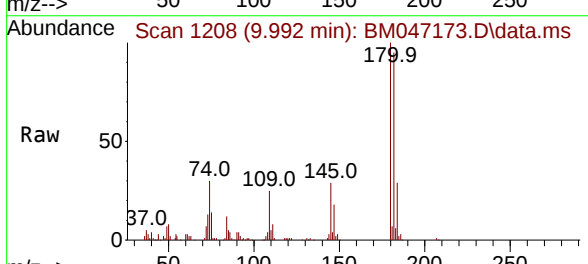
Tgt Ion:	162	Resp:	9829
Ion Ratio	Lower	Upper	
162	100		
164	66.9	44.7	84.7
98	35.9	14.9	54.9

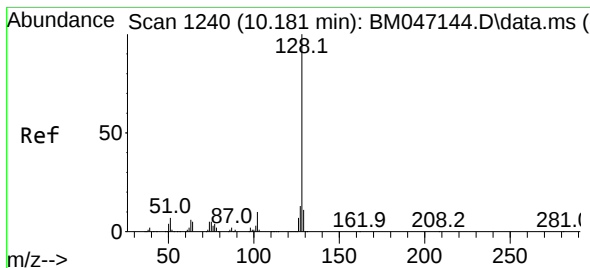
Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024



#30
 1,2,4-Trichlorobenzene
 Concen: 7.655 ng
 RT: 9.992 min Scan# 1208
 Delta R.T. -0.006 min
 Lab File: BM047173.D
 Acq: 13 Aug 2024 13:47

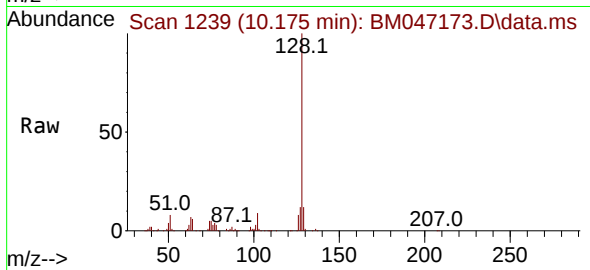
Tgt Ion:	180	Resp:	117083
Ion Ratio	Lower	Upper	
180	100		
182	95.1	76.6	115.0
145	28.9	23.4	35.2





#31
Naphthalene
Concen: 8.078 ng
RT: 10.175 min Scan# 1114
Delta R.T. -0.006 min
Lab File: BM047173.D
Acq: 13 Aug 2024 13:47

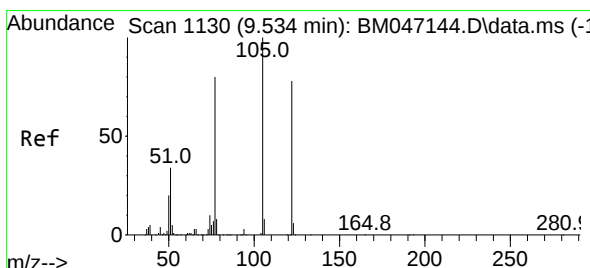
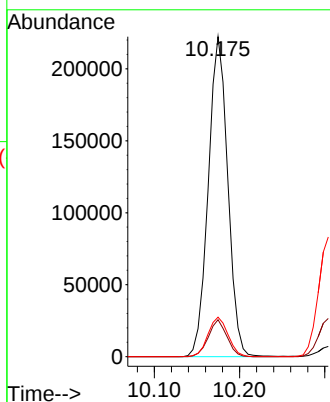
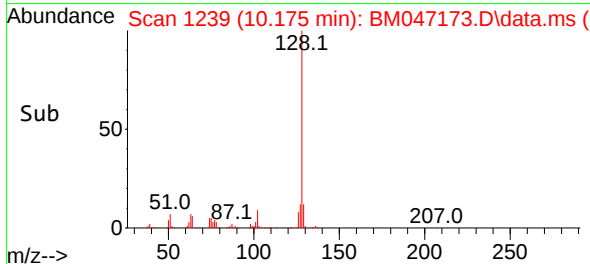
Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT3-2024



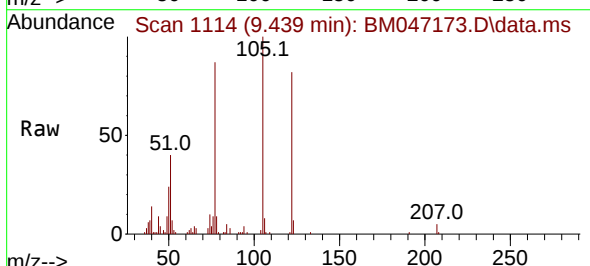
Tgt Ion:128 Resp: 353330
Ion Ratio Lower Upper
128 100
129 11.5 8.6 13.0
127 12.3 10.2 15.4

Manual Integrations
APPROVED

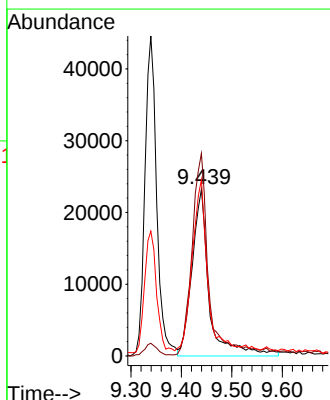
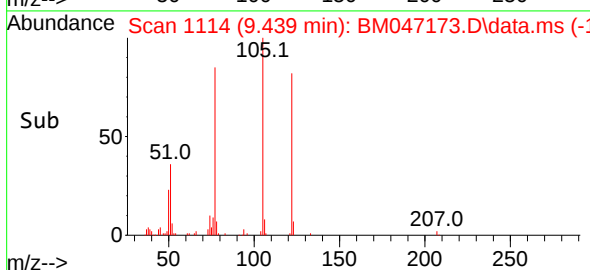
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024

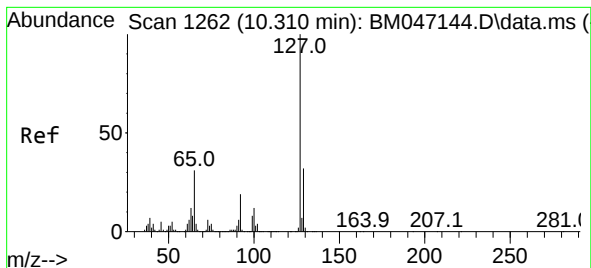


#32
Benzoic acid
Concen: 5.179 ng m
RT: 9.439 min Scan# 1114
Delta R.T. -0.094 min
Lab File: BM047173.D
Acq: 13 Aug 2024 13:47



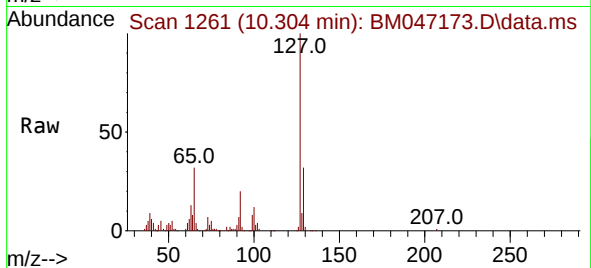
Tgt Ion:122 Resp: 54807
Ion Ratio Lower Upper
122 100
105 121.6 107.1 147.1
77 105.8 82.1 122.1





#33
4-Chloroaniline
Concen: 8.494 ng
RT: 10.304 min Scan# 1261
Delta R.T. -0.006 min
Lab File: BM047173.D
Acq: 13 Aug 2024 13:47

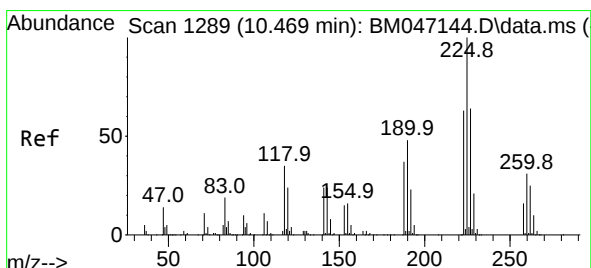
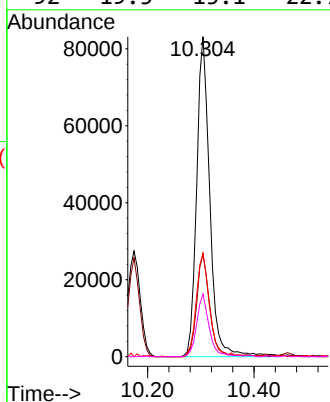
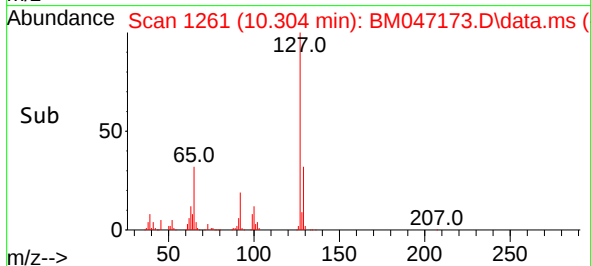
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2024



Tgt Ion:	127	Resp:	14287
Ion Ratio	Lower	Upper	
127	100		
129	32.0	25.8	38.8
65	32.3	24.9	37.3
92	19.5	15.1	22.7

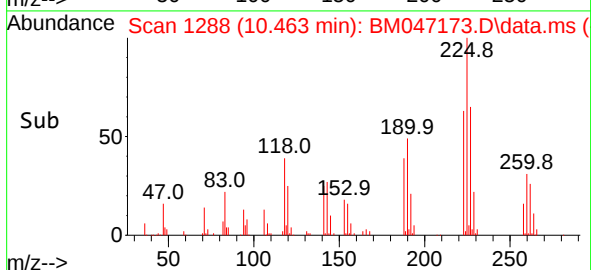
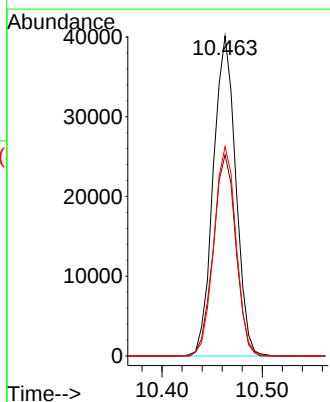
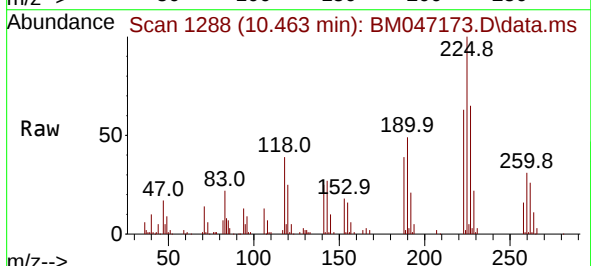
Manual Integrations
APPROVED

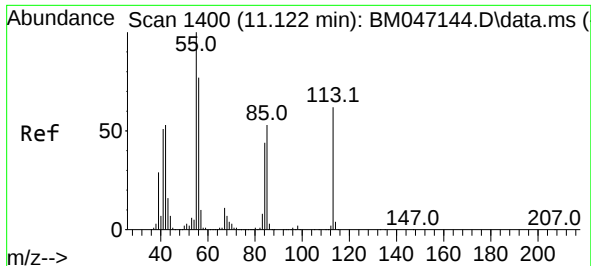
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#34
Hexachlorobutadiene
Concen: 6.976 ng
RT: 10.463 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BM047173.D
Acq: 13 Aug 2024 13:47

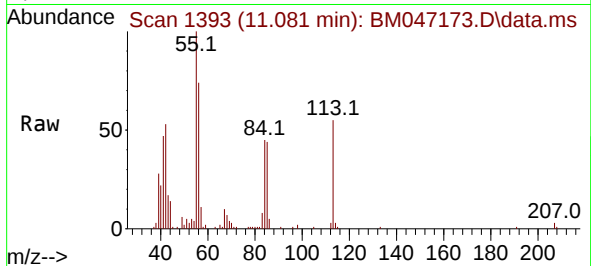
Tgt Ion:	225	Resp:	62454
Ion Ratio	Lower	Upper	
225	100		
223	62.9	50.2	75.2
227	65.4	51.4	77.0





#35
Caprolactam
Concen: 6.967 ng
RT: 11.081 min Scan# 113
Delta R.T. -0.041 min
Lab File: BM047173.D
Acq: 13 Aug 2024 13:47

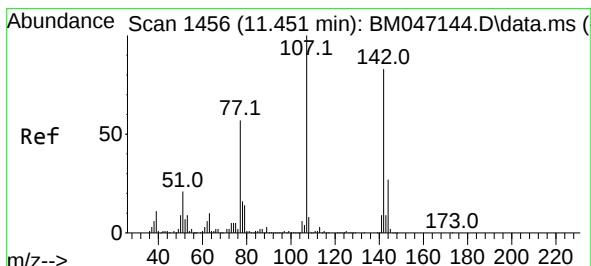
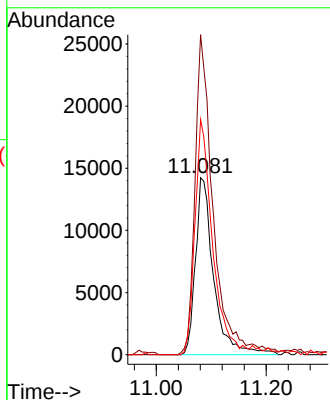
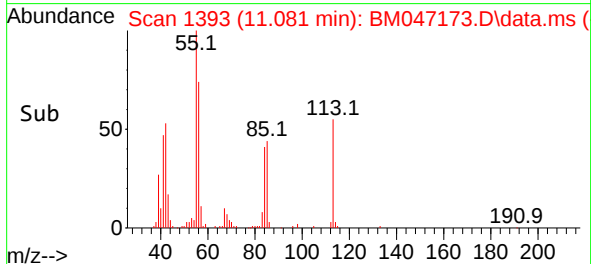
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2024



Tgt Ion:113 Resp: 32700
Ion Ratio Lower Upper
113 100
55 180.9 140.5 180.5
56 132.9 103.6 143.6

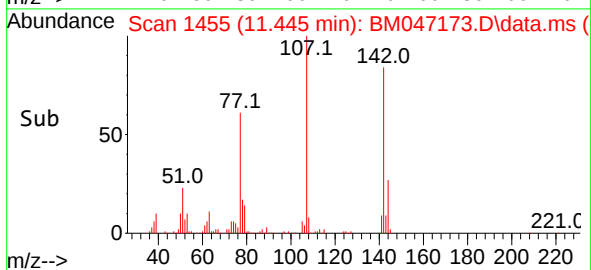
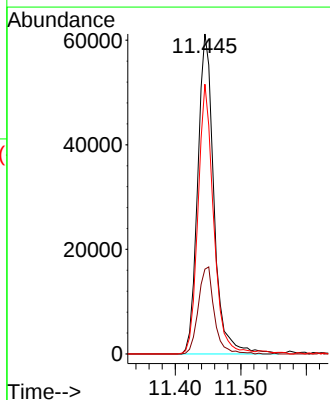
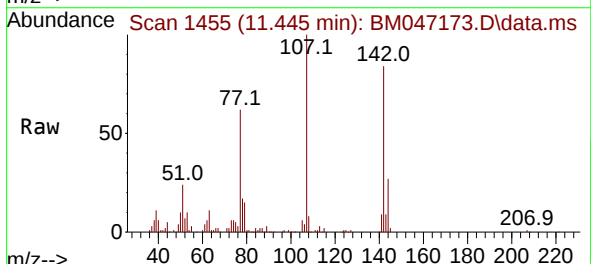
Manual Integrations
APPROVED

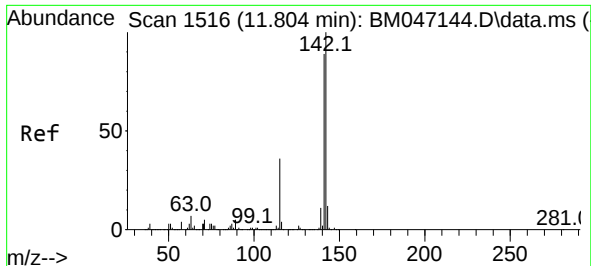
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#36
4-Chloro-3-methylphenol
Concen: 7.343 ng
RT: 11.445 min Scan# 1455
Delta R.T. -0.006 min
Lab File: BM047173.D
Acq: 13 Aug 2024 13:47

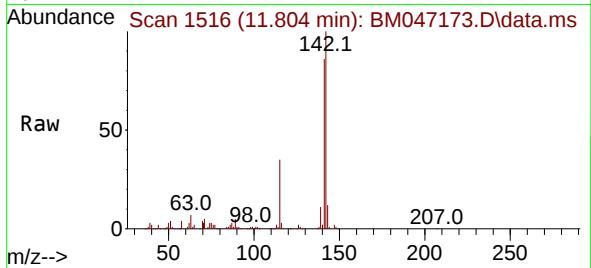
Tgt Ion:107 Resp: 105685
Ion Ratio Lower Upper
107 100
144 26.5 21.8 32.6
142 84.3 66.8 100.2





#37
2-Methylnaphthalene
Concen: 8.049 ng
RT: 11.804 min Scan# 1516
Delta R.T. -0.000 min
Lab File: BM047173.D
Acq: 13 Aug 2024 13:47

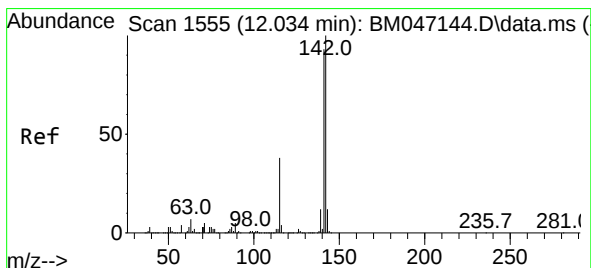
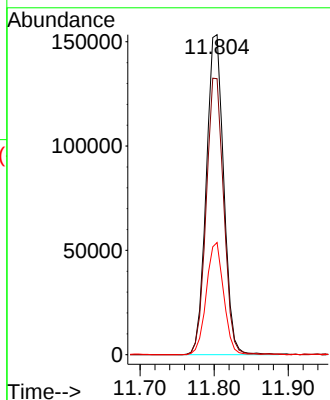
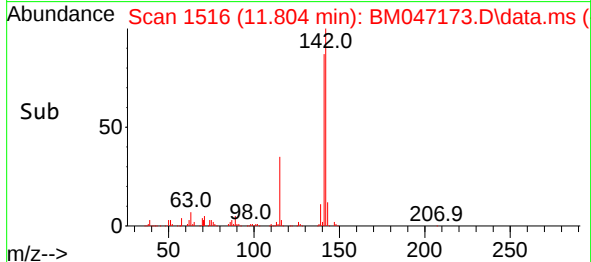
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2024



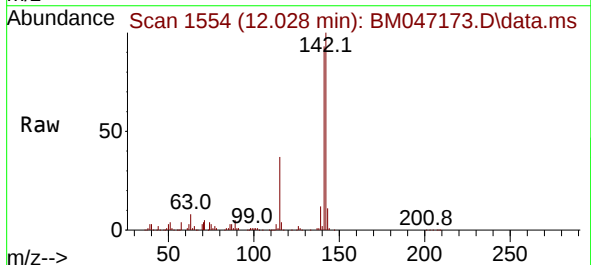
Tgt Ion:142 Resp: 250673
Ion Ratio Lower Upper
142 100
141 86.3 70.9 106.3
115 35.1 28.7 43.1

Manual Integrations
APPROVED

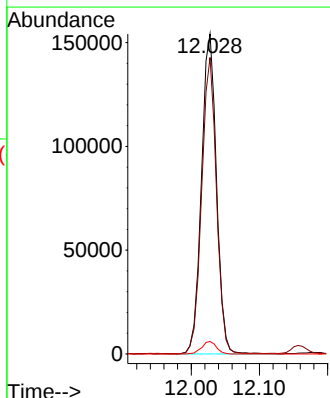
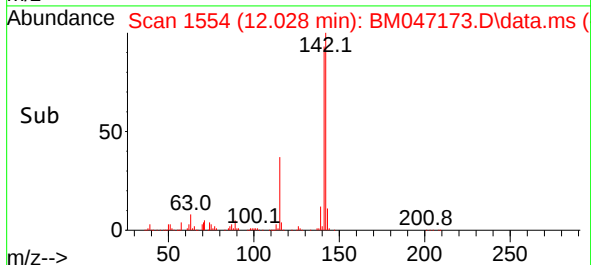
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024

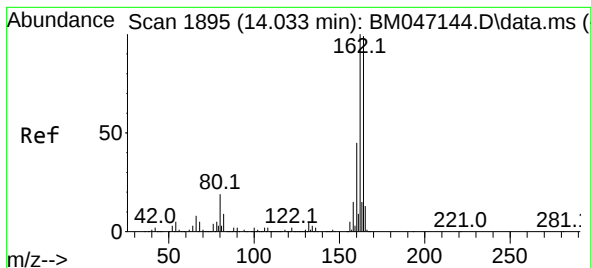


#38
1-Methylnaphthalene
Concen: 7.684 ng
RT: 12.028 min Scan# 1554
Delta R.T. -0.006 min
Lab File: BM047173.D
Acq: 13 Aug 2024 13:47



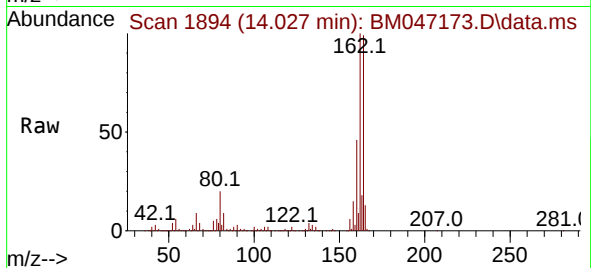
Tgt Ion:142 Resp: 236490
Ion Ratio Lower Upper
142 100
141 92.7 74.6 111.8
116 3.9 3.1 4.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.027 min Scan# 1894
Delta R.T. -0.006 min
Lab File: BM047173.D
Acq: 13 Aug 2024 13:47

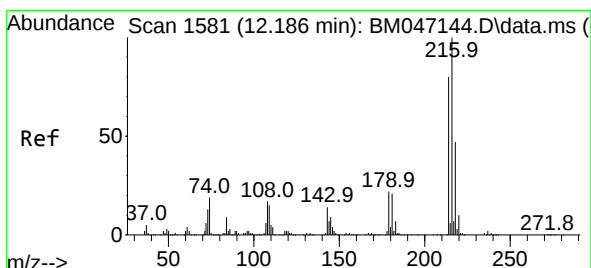
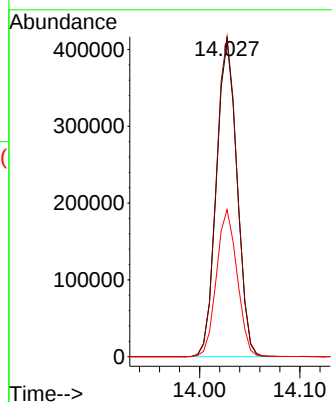
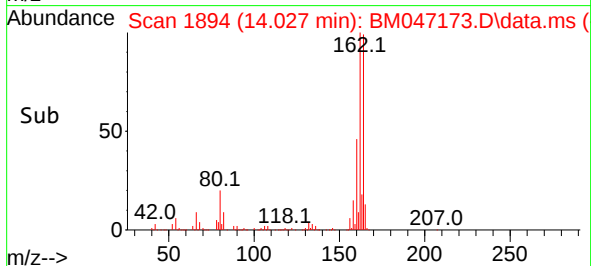
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2024



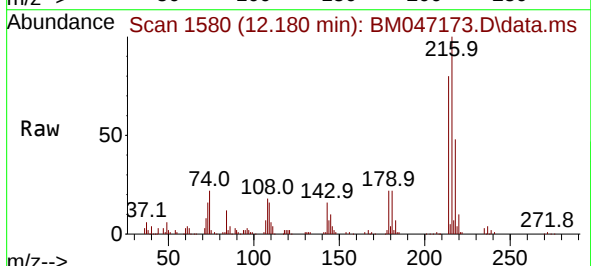
Tgt Ion:164 Resp: 587912
Ion Ratio Lower Upper
164 100
162 101.4 80.7 121.1
160 46.6 36.0 54.0

Manual Integrations
APPROVED

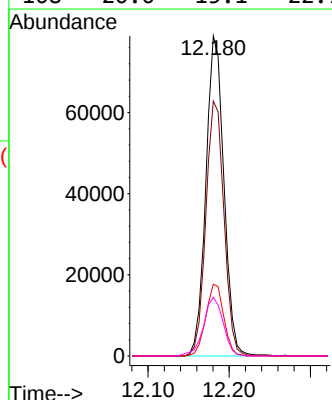
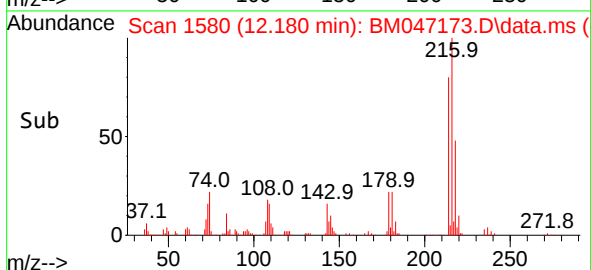
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024

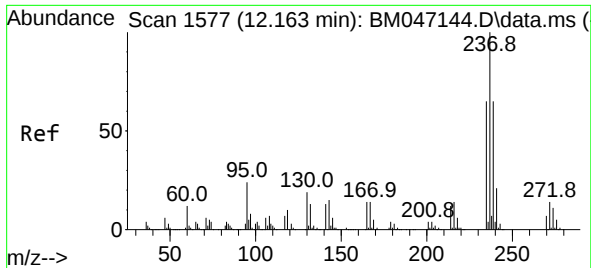


#40
1,2,4,5-Tetrachlorobenzene
Concen: 7.566 ng
RT: 12.180 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BM047173.D
Acq: 13 Aug 2024 13:47



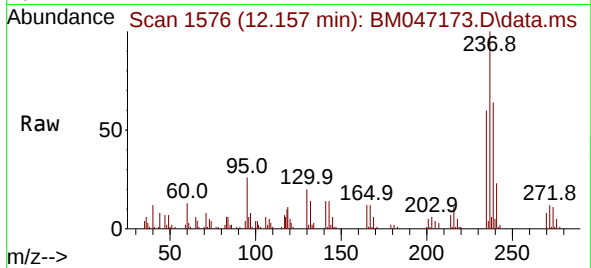
Tgt Ion:216 Resp: 121333
Ion Ratio Lower Upper
216 100
214 80.1 63.4 95.2
179 22.4 17.6 26.4
108 20.0 15.1 22.7





#41
Hexachlorocyclopentadiene
Concen: 8.136 ng
RT: 12.157 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM047173.D
Acq: 13 Aug 2024 13:47

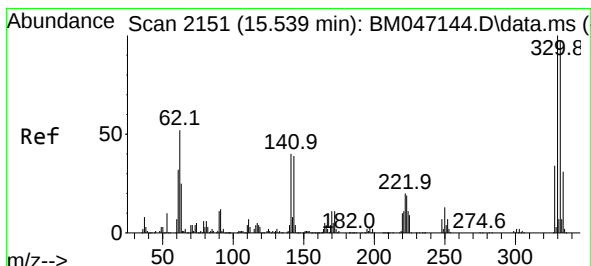
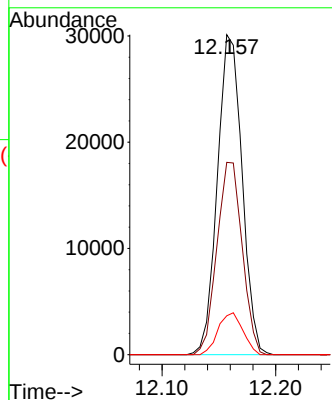
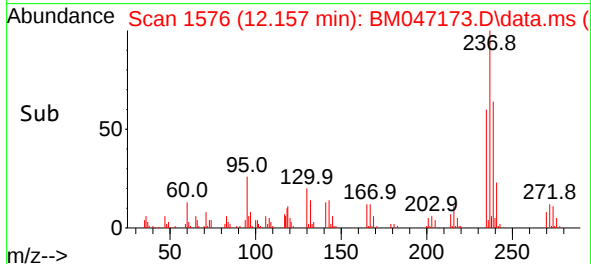
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2024



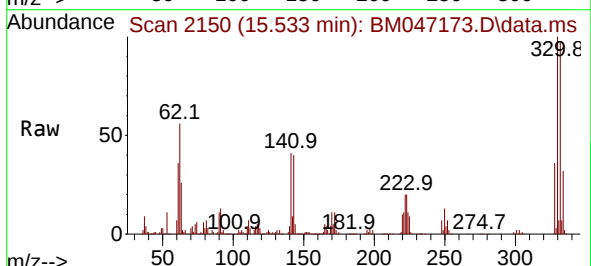
Tgt Ion:237 Resp: 4555
Ion Ratio Lower Upper
237 100
235 60.1 44.8 84.8
272 12.1 0.0 33.5

Manual Integrations
APPROVED

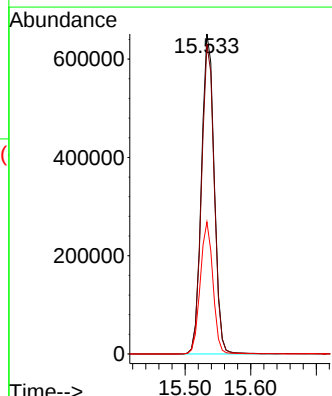
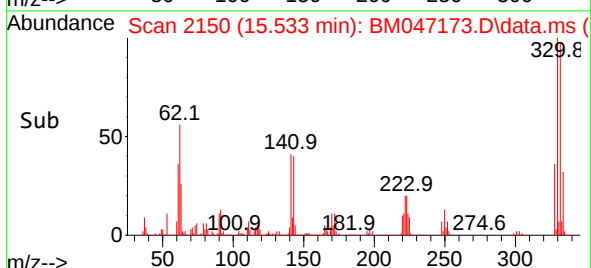
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024

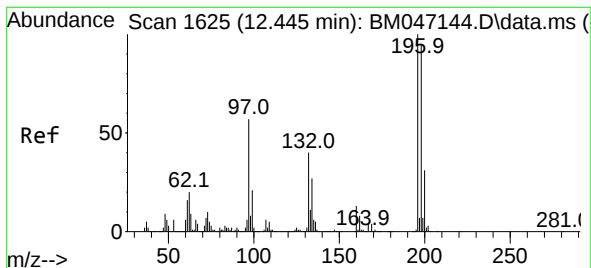


#42
2,4,6-Tribromophenol
Concen: 130.141 ng
RT: 15.533 min Scan# 2150
Delta R.T. -0.006 min
Lab File: BM047173.D
Acq: 13 Aug 2024 13:47



Tgt Ion:330 Resp: 887164
Ion Ratio Lower Upper
330 100
332 96.2 77.4 116.2
141 40.8 31.6 47.4





#43

2,4,6-Trichlorophenol

Concen: 6.827 ng

RT: 12.439 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM047173.D

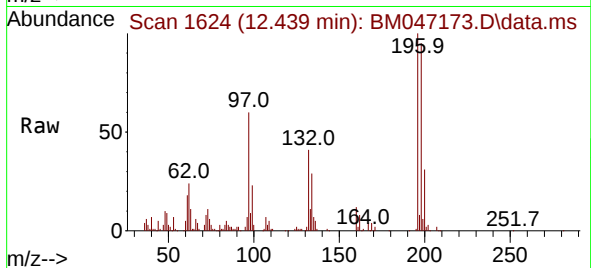
Acq: 13 Aug 2024 13:47

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2024



Tgt Ion:196 Resp: 77800

Ion Ratio Lower Upper

196 100

198 94.5 75.6 113.4

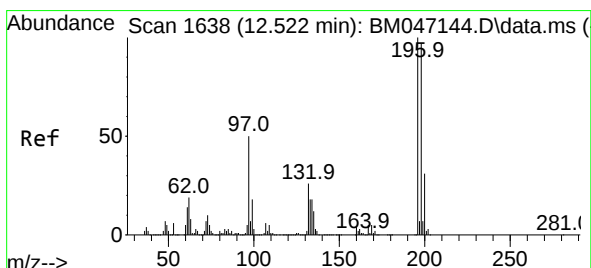
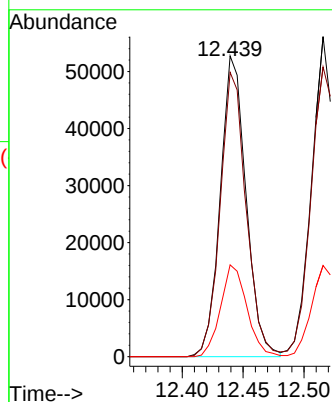
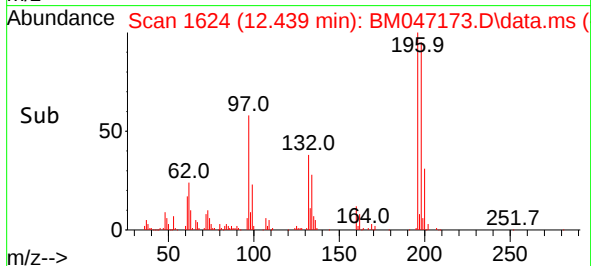
200 30.6 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/14/2024

Supervised By :mohammad ahmed 08/14/2024



#44

2,4,5-Trichlorophenol

Concen: 6.855 ng

RT: 12.516 min Scan# 1637

Delta R.T. -0.006 min

Lab File: BM047173.D

Acq: 13 Aug 2024 13:47

Tgt Ion:196 Resp: 86744

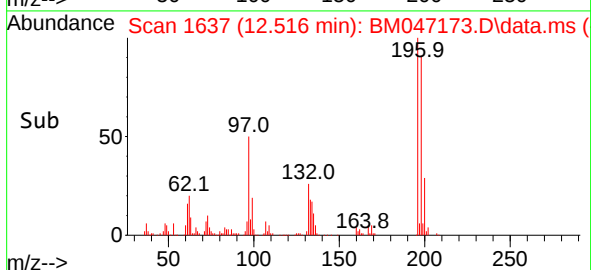
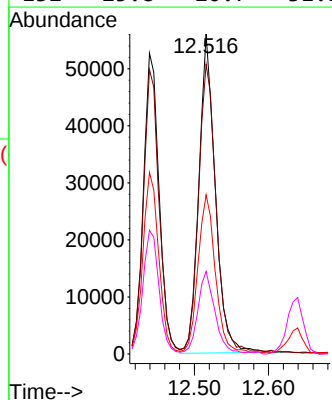
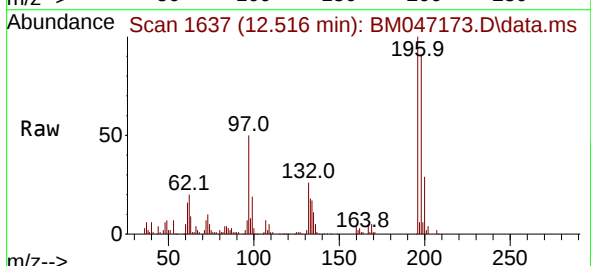
Ion Ratio Lower Upper

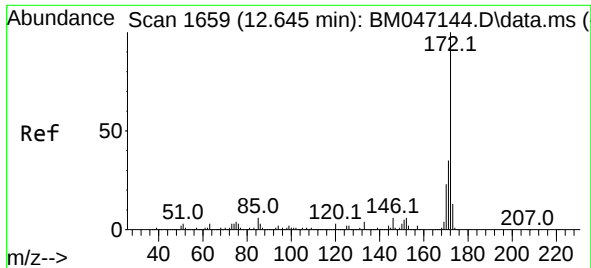
196 100

198 90.6 77.7 116.5

97 49.8 39.8 59.8

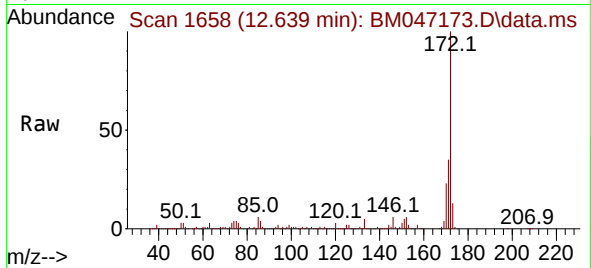
132 25.8 20.7 31.1





#45
2-Fluorobiphenyl
Concen: 82.848 ng
RT: 12.639 min Scan# 1658
Delta R.T. -0.006 min
Lab File: BM047173.D
Acq: 13 Aug 2024 13:47

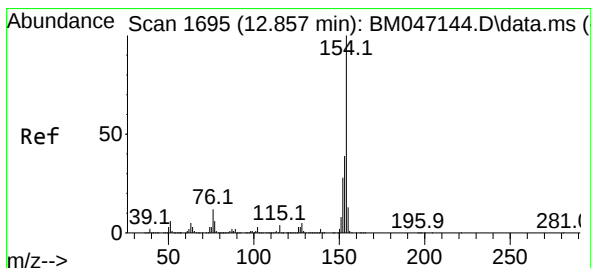
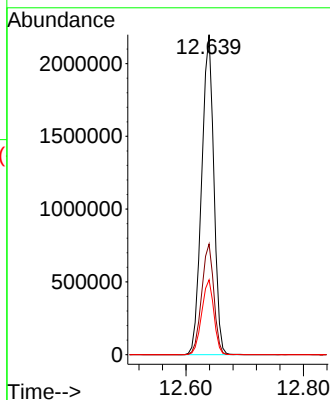
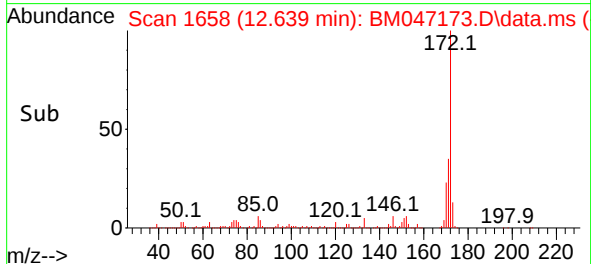
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2024



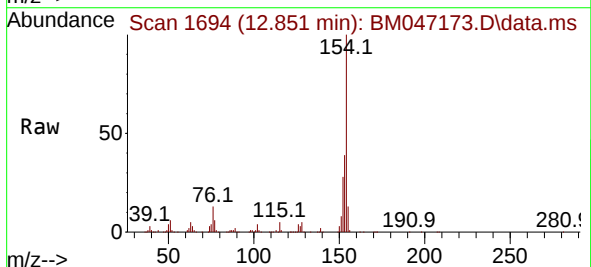
Tgt Ion:172 Resp: 3157630
Ion Ratio Lower Upper
172 100
171 34.6 27.8 41.6
170 23.4 18.7 28.1

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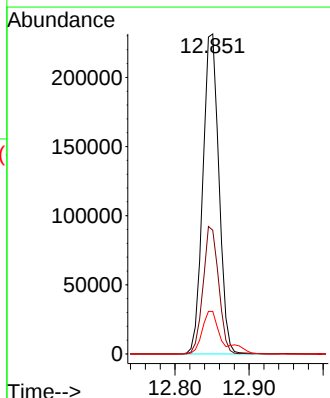
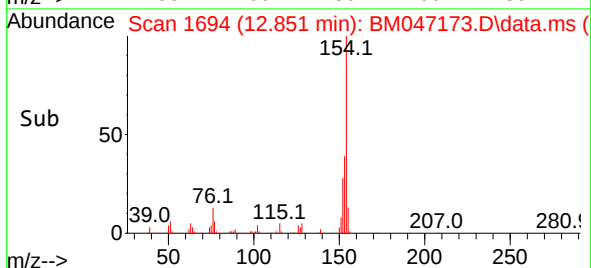
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024

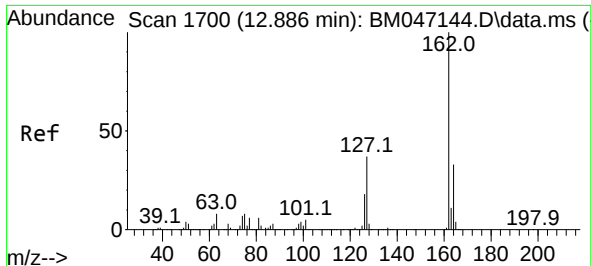


#46
1,1'-Biphenyl
Concen: 8.320 ng
RT: 12.851 min Scan# 1694
Delta R.T. -0.006 min
Lab File: BM047173.D
Acq: 13 Aug 2024 13:47



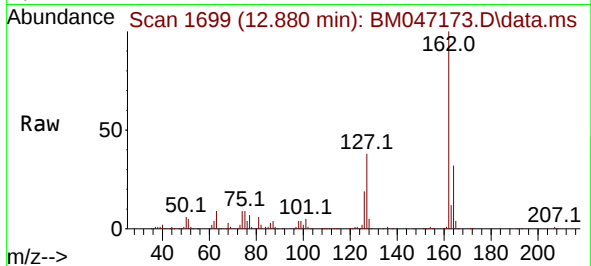
Tgt Ion:154 Resp: 348214
Ion Ratio Lower Upper
154 100
153 38.6 19.0 59.0
76 13.3 0.0 31.9





#47
2-Chloronaphthalene
Concen: 8.153 ng
RT: 12.880 min Scan# 1699
Delta R.T. -0.006 min
Lab File: BM047173.D
Acq: 13 Aug 2024 13:47

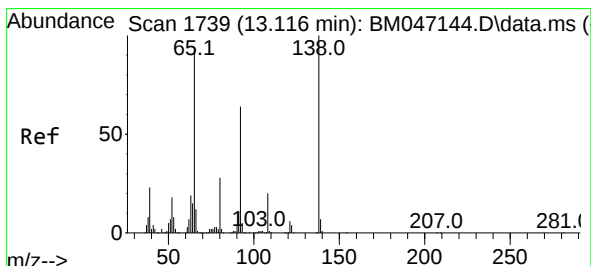
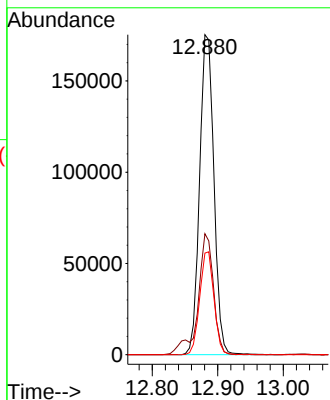
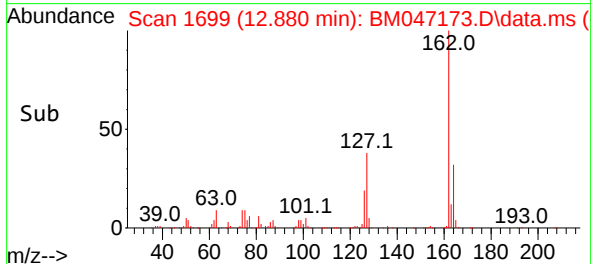
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2024



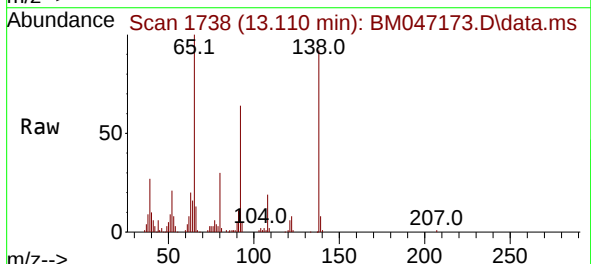
Tgt Ion:162 Resp: 266720
Ion Ratio Lower Upper
162 100
127 37.8 30.0 45.0
164 31.8 26.3 39.5

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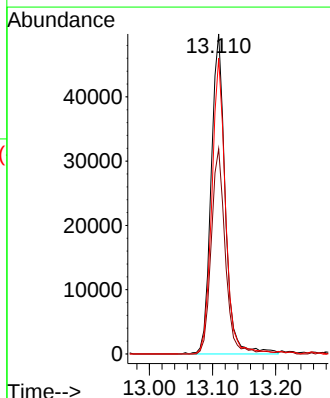
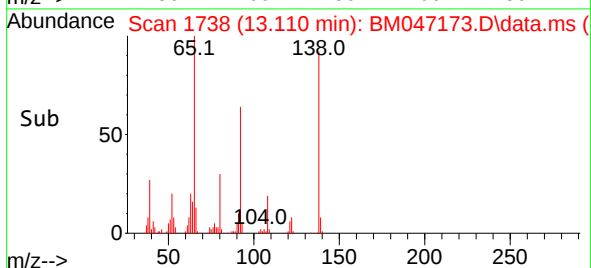
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024

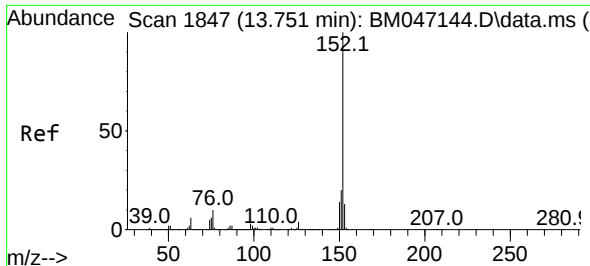


#48
2-Nitroaniline
Concen: 7.537 ng
RT: 13.110 min Scan# 1738
Delta R.T. -0.006 min
Lab File: BM047173.D
Acq: 13 Aug 2024 13:47



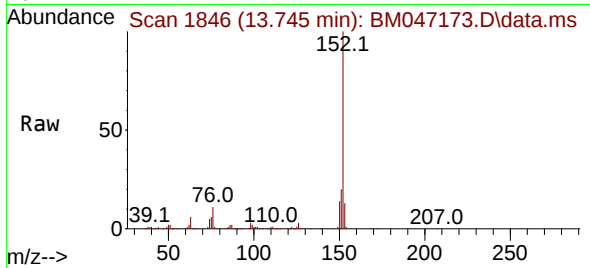
Tgt Ion: 65 Resp: 77240
Ion Ratio Lower Upper
65 100
92 64.1 55.1 82.7
138 92.4 85.9 128.9





#49
Acenaphthylene
Concen: 8.850 ng
RT: 13.745 min Scan# 1846
Delta R.T. -0.006 min
Lab File: BM047173.D
Acq: 13 Aug 2024 13:47

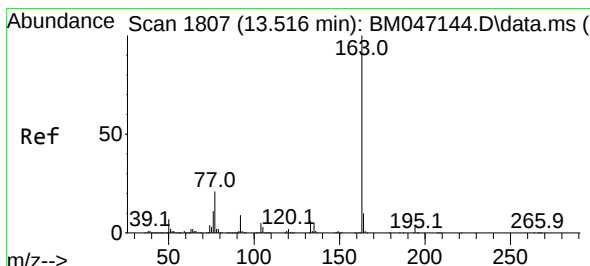
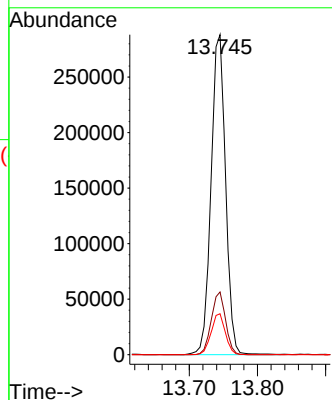
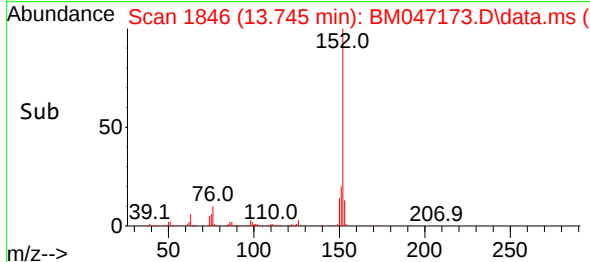
Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT3-2024



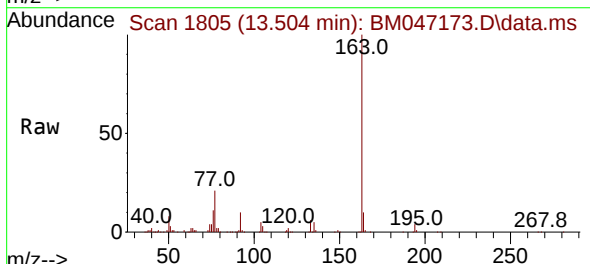
Tgt Ion:152 Resp: 42676
Ion Ratio Lower Upper
152 100
151 19.6 15.8 23.6
153 12.8 10.4 15.6

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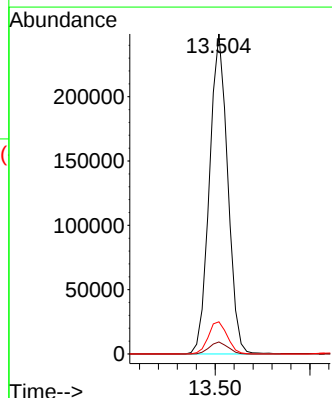
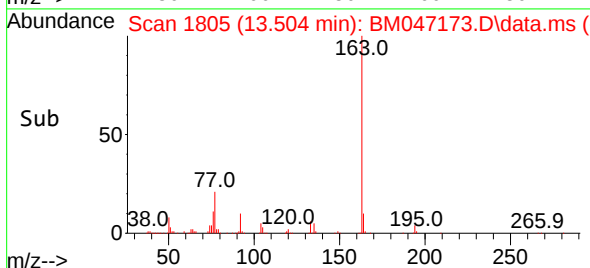
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024

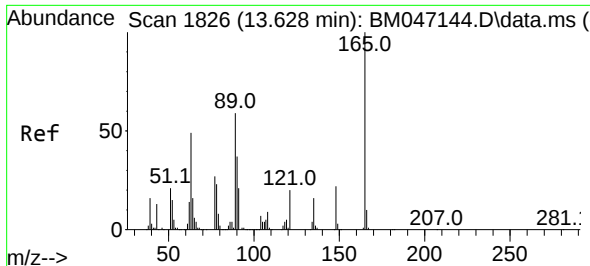


#50
Dimethylphthalate
Concen: 8.082 ng
RT: 13.504 min Scan# 1805
Delta R.T. -0.012 min
Lab File: BM047173.D
Acq: 13 Aug 2024 13:47



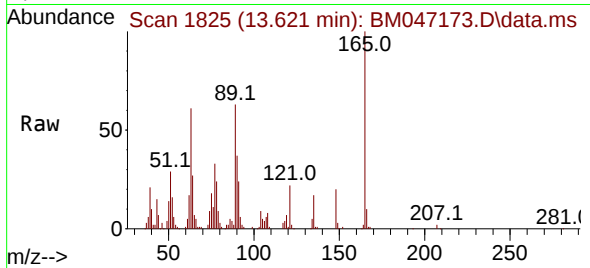
Tgt Ion:163 Resp: 331868
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.6
164 10.0 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 6.996 ng
RT: 13.621 min Scan# 1825
Delta R.T. -0.006 min
Lab File: BM047173.D
Acq: 13 Aug 2024 13:47

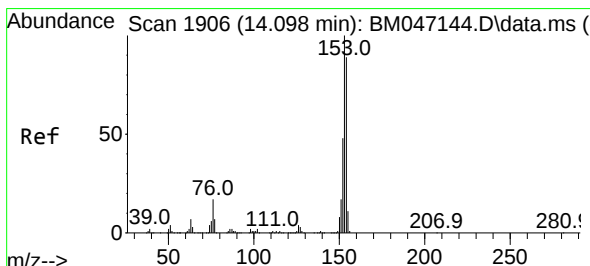
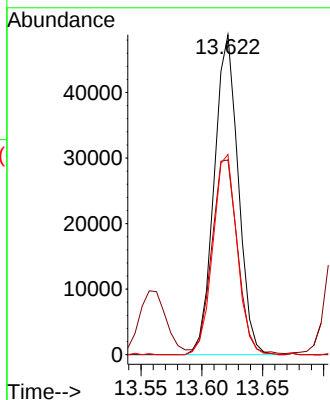
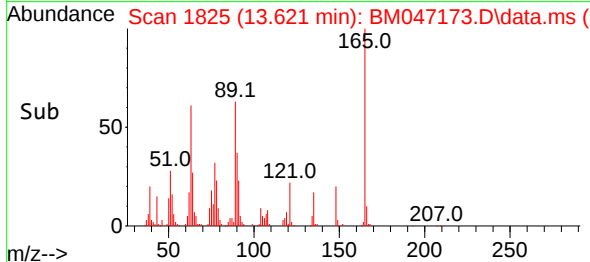
Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT3-2024



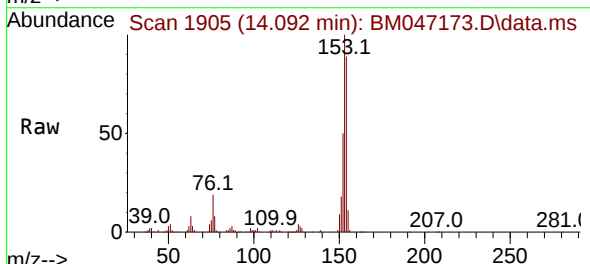
Tgt Ion:165 Resp: 67140
Ion Ratio Lower Upper
165 100
63 60.9 46.5 69.7
89 62.6 47.3 70.9

Manual Integrations
APPROVED

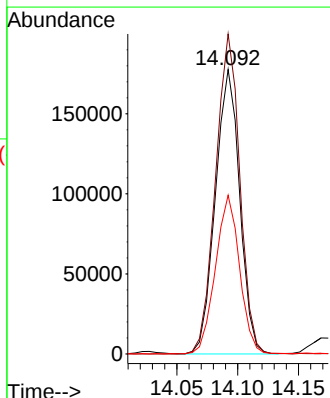
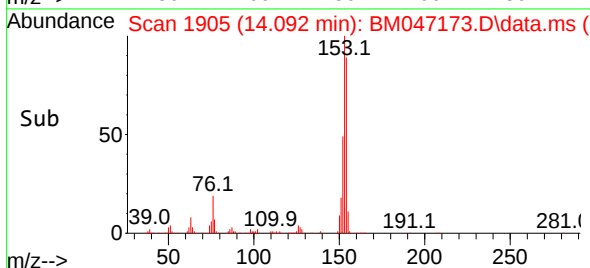
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024

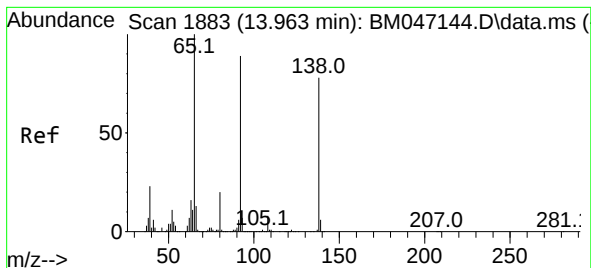


#52
Acenaphthene
Concen: 8.081 ng
RT: 14.092 min Scan# 1905
Delta R.T. -0.006 min
Lab File: BM047173.D
Acq: 13 Aug 2024 13:47



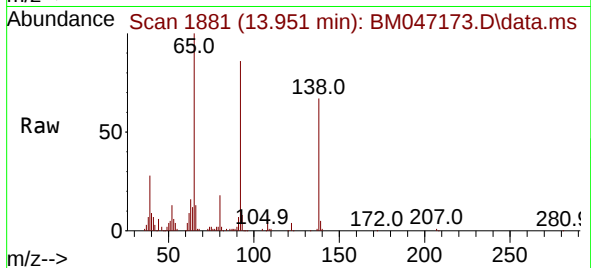
Tgt Ion:154 Resp: 247194
Ion Ratio Lower Upper
154 100
153 112.5 90.3 135.5
152 55.8 42.9 64.3





#53
3-Nitroaniline
Concen: 7.140 ng
RT: 13.951 min Scan# 1881
Delta R.T. -0.012 min
Lab File: BM047173.D
Acq: 13 Aug 2024 13:47

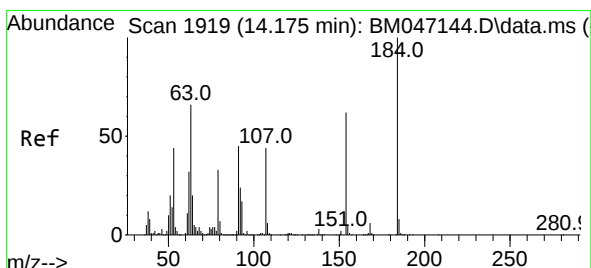
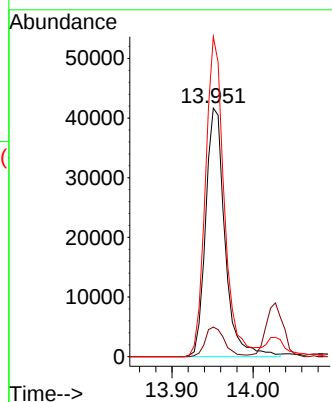
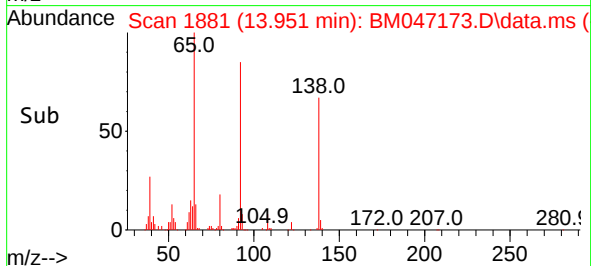
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2024



Tgt Ion:138 Resp: 68674
Ion Ratio Lower Upper
138 100
108 11.9 7.9 11.9
92 128.7 92.0 138.0

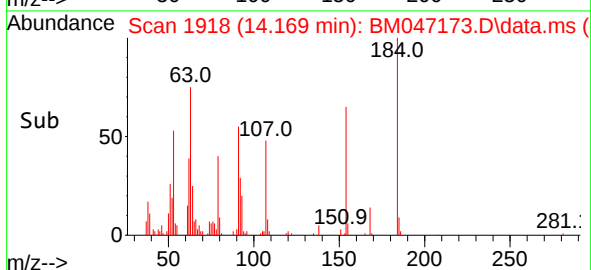
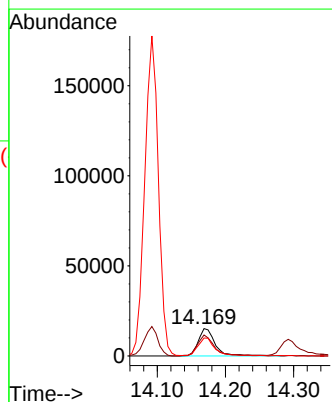
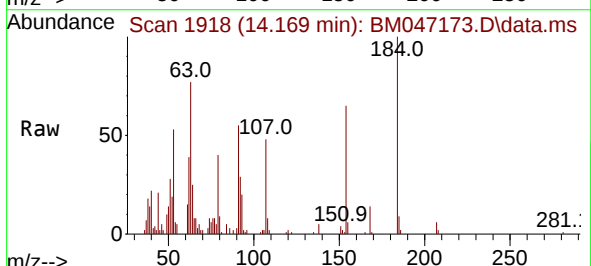
Manual Integrations
APPROVED

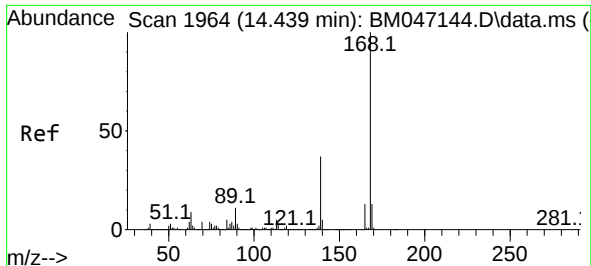
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#54
2,4-Dinitrophenol
Concen: 4.521 ng
RT: 14.169 min Scan# 1918
Delta R.T. -0.006 min
Lab File: BM047173.D
Acq: 13 Aug 2024 13:47

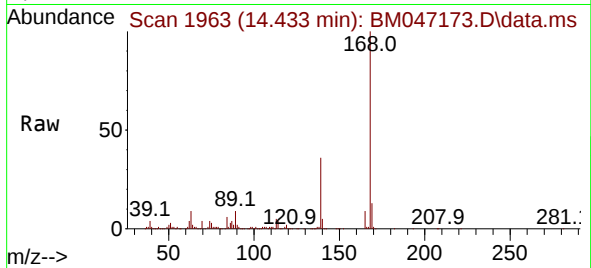
Tgt Ion:184 Resp: 26009
Ion Ratio Lower Upper
184 100
63 76.6 52.7 79.1
154 65.3 50.4 75.6





#55
Dibenzofuran
Concen: 8.498 ng
RT: 14.433 min Scan# 1964
Delta R.T. -0.006 min
Lab File: BM047173.D
Acq: 13 Aug 2024 13:47

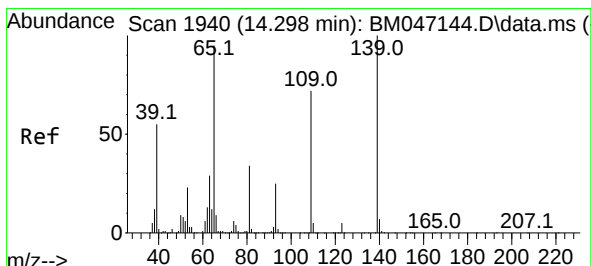
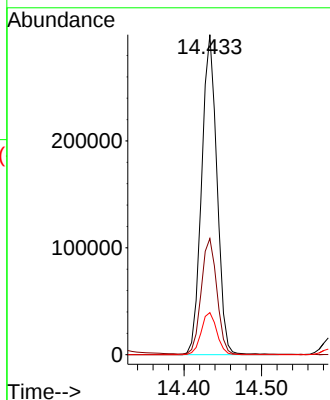
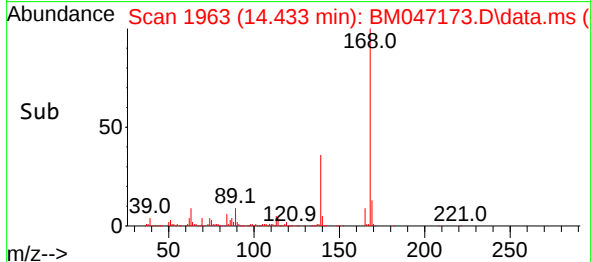
Instrument : BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2024



Tgt Ion:168 Resp: 410604
Ion Ratio Lower Upper
168 100
139 36.3 29.6 44.4
169 13.2 10.7 16.1

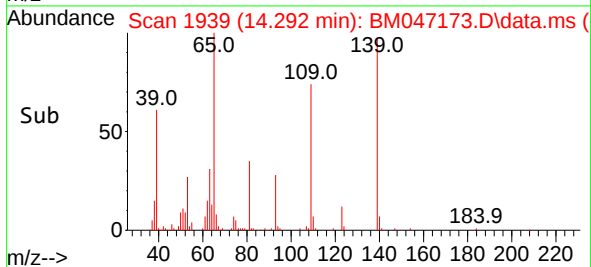
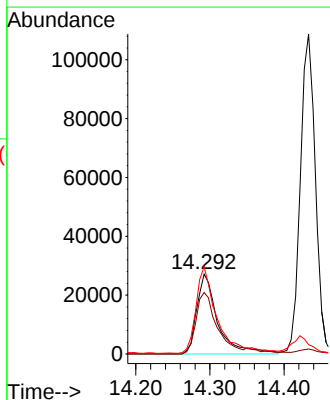
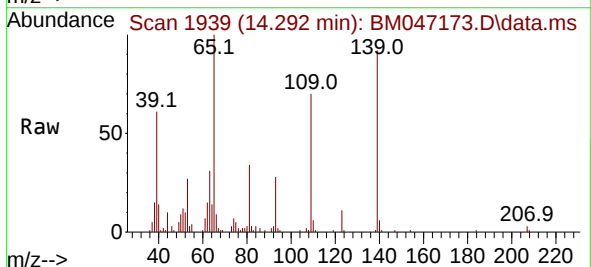
Manual Integrations
APPROVED

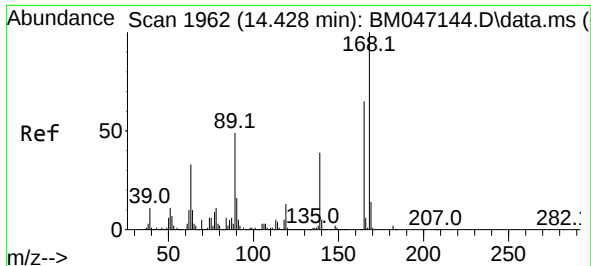
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#56
4-Nitrophenol
Concen: 6.467 ng
RT: 14.292 min Scan# 1939
Delta R.T. -0.006 min
Lab File: BM047173.D
Acq: 13 Aug 2024 13:47

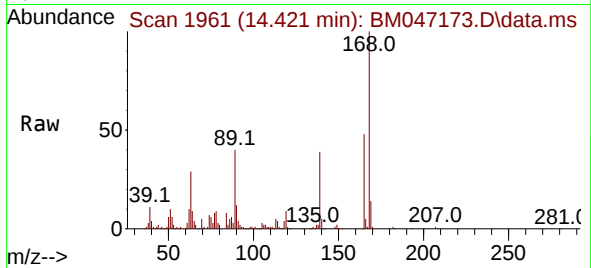
Tgt Ion:139 Resp: 53635
Ion Ratio Lower Upper
139 100
109 77.0 52.5 92.5
65 109.2 75.4 115.4





#57
2,4-Dinitrotoluene
Concen: 7.008 ng
RT: 14.421 min Scan# 1962
Delta R.T. -0.006 min
Lab File: BM047173.D
Acq: 13 Aug 2024 13:47

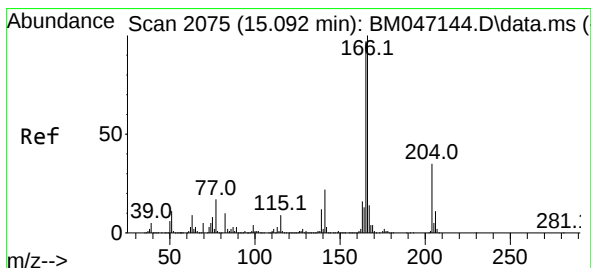
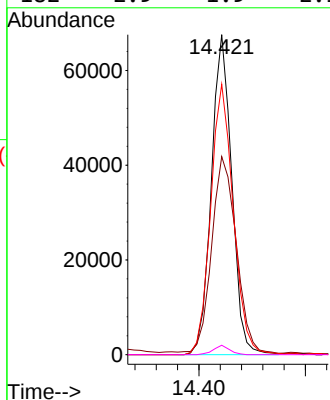
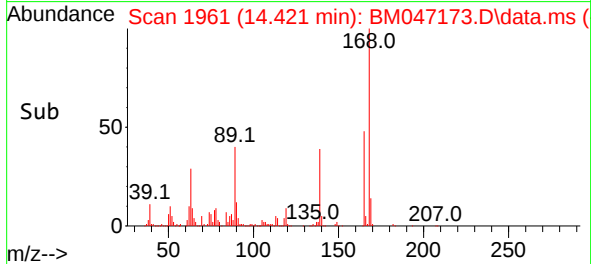
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2024



Tgt Ion:165 Resp: 89788
Ion Ratio Lower Upper
165 100
63 61.9 40.3 60.5
89 84.5 61.0 91.6
182 2.9 1.9 2.9#

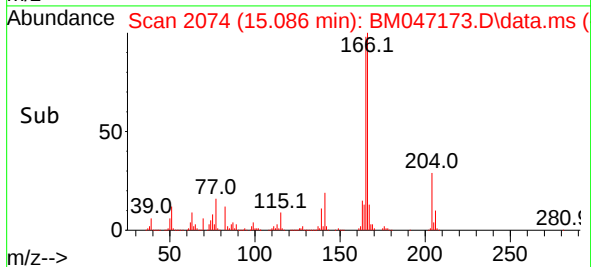
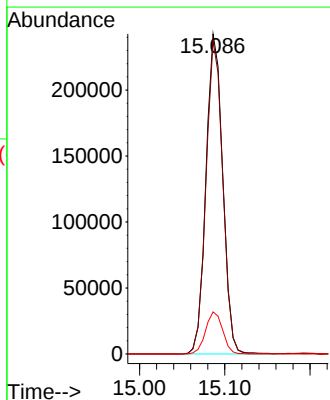
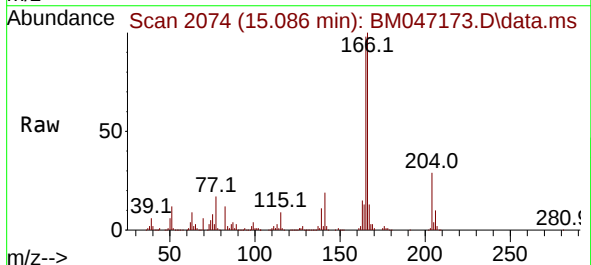
Manual Integrations
APPROVED

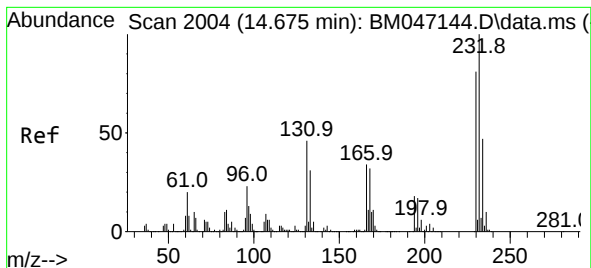
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#58
Fluorene
Concen: 8.296 ng
RT: 15.086 min Scan# 2074
Delta R.T. -0.006 min
Lab File: BM047173.D
Acq: 13 Aug 2024 13:47

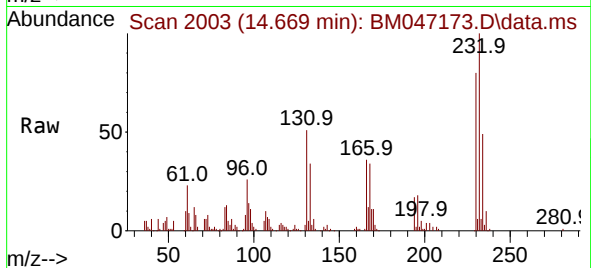
Tgt Ion:166 Resp: 330740
Ion Ratio Lower Upper
166 100
165 97.9 77.4 116.0
167 13.1 11.0 16.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 7.147 ng
RT: 14.669 min Scan# 2003
Delta R.T. -0.006 min
Lab File: BM047173.D
Acq: 13 Aug 2024 13:47

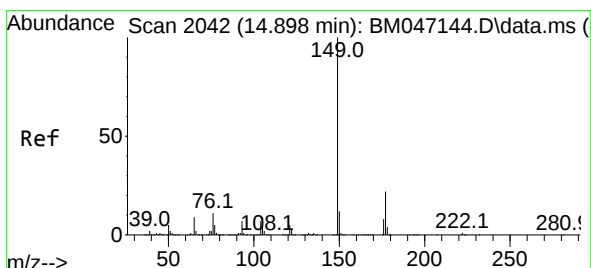
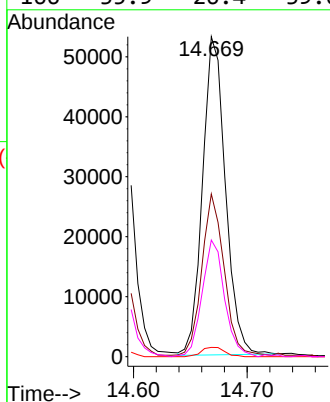
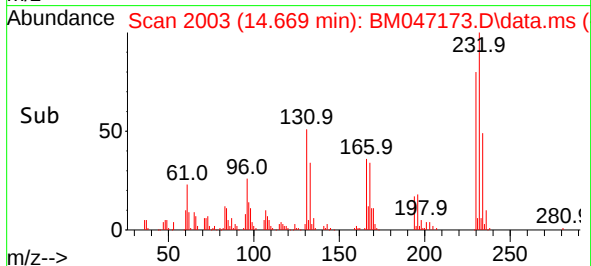
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2024



Tgt Ion:232 Resp: 74335
Ion Ratio Lower Upper
232 100
131 49.4 36.9 55.3
130 3.0 2.0 3.0
166 35.9 26.4 39.6

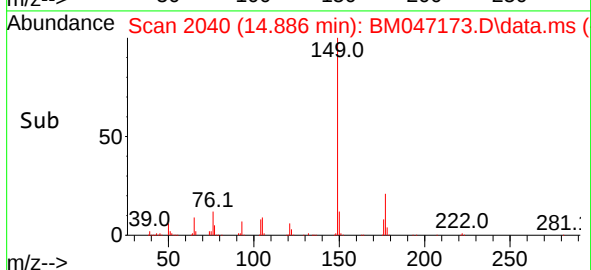
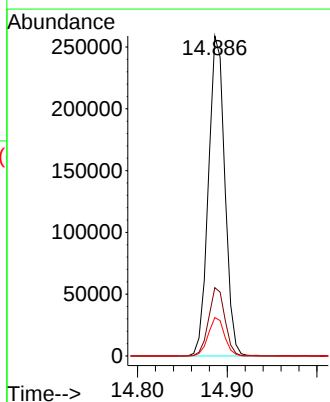
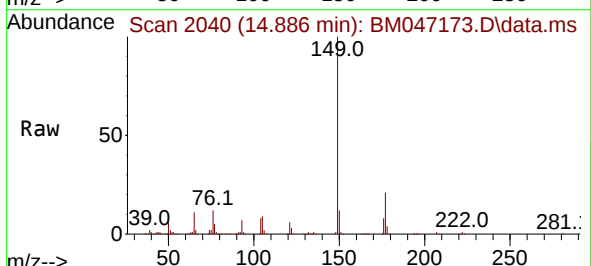
Manual Integrations
APPROVED

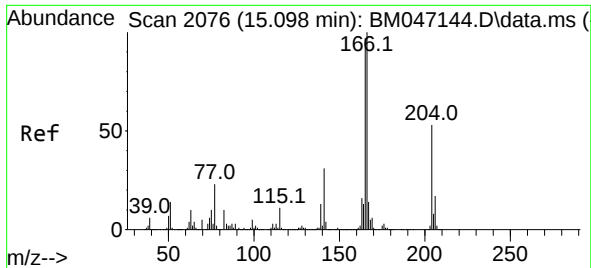
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#60
Diethylphthalate
Concen: 7.822 ng
RT: 14.886 min Scan# 2040
Delta R.T. -0.012 min
Lab File: BM047173.D
Acq: 13 Aug 2024 13:47

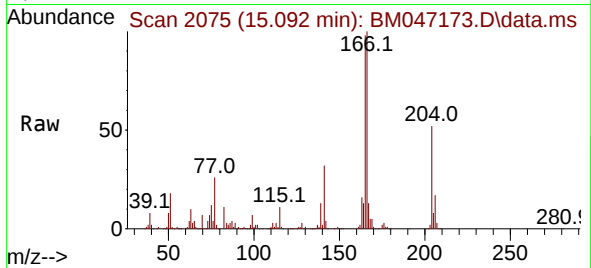
Tgt Ion:149 Resp: 327971
Ion Ratio Lower Upper
149 100
177 21.4 17.6 26.4
150 12.0 9.8 14.6





#61
4-Chlorophenyl-phenylether
Concen: 8.138 ng
RT: 15.092 min Scan# 2076
Delta R.T. -0.006 min
Lab File: BM047173.D
Acq: 13 Aug 2024 13:47

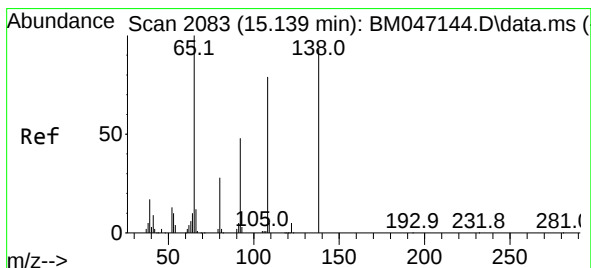
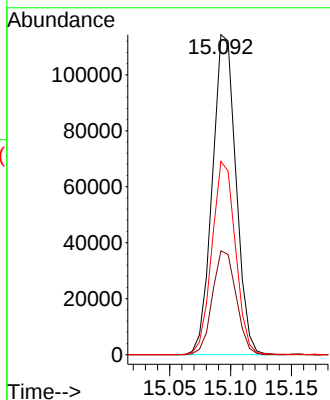
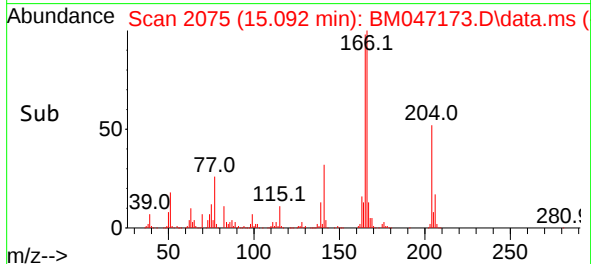
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2024



Tgt Ion:204 Resp: 15445
Ion Ratio Lower Upper
204 100
206 32.4 26.2 39.4
141 60.4 47.2 70.8

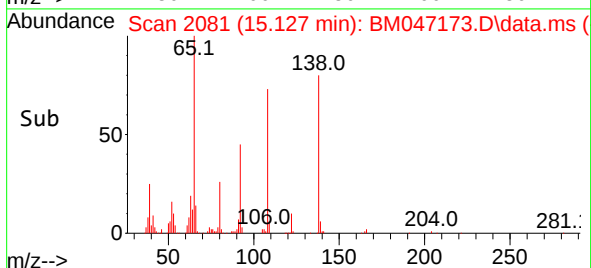
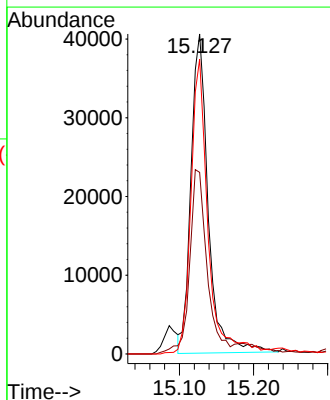
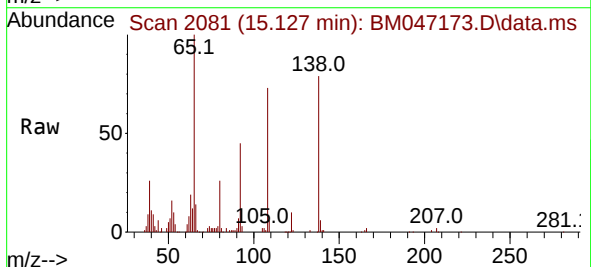
Manual Integrations
APPROVED

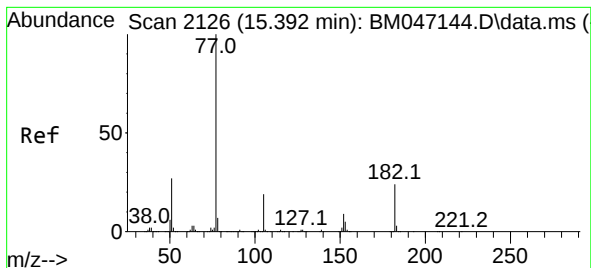
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#62
4-Nitroaniline
Concen: 6.916 ng
RT: 15.127 min Scan# 2081
Delta R.T. -0.012 min
Lab File: BM047173.D
Acq: 13 Aug 2024 13:47

Tgt Ion:138 Resp: 65534
Ion Ratio Lower Upper
138 100
92 56.8 31.9 71.9
108 92.1 63.8 103.8





#63

Azobenzene

Concen: 8.533 ng

RT: 15.386 min Scan# 2125

Delta R.T. -0.006 min

Lab File: BM047173.D

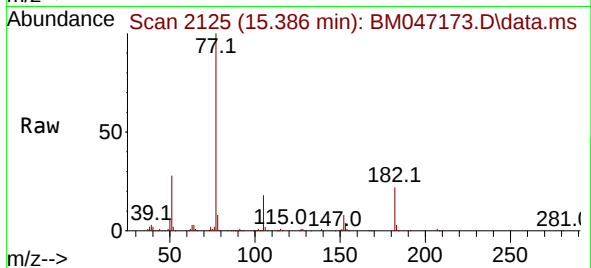
Acq: 13 Aug 2024 13:47

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2024



Tgt Ion: 77 Resp: 339230

Ion Ratio Lower Upper

77 100

182 21.7 3.8 43.8

105 18.4 0.0 39.5

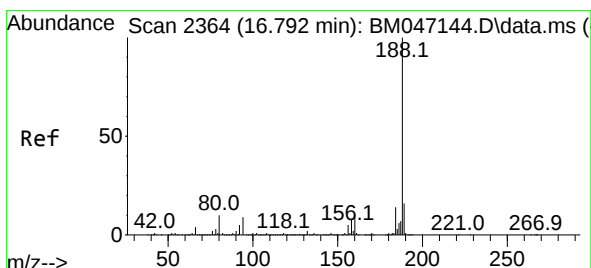
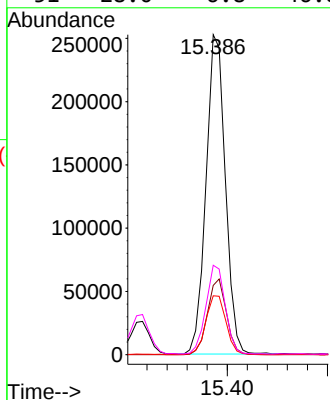
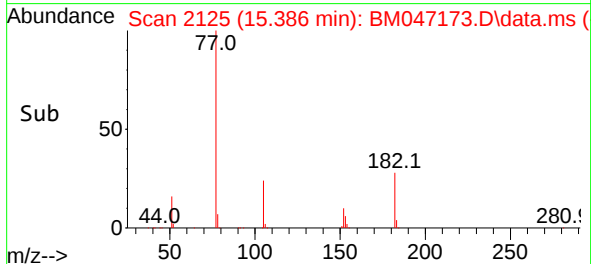
51 28.0 6.8 46.8

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: BM047173.D

Acq: 13 Aug 2024 13:47

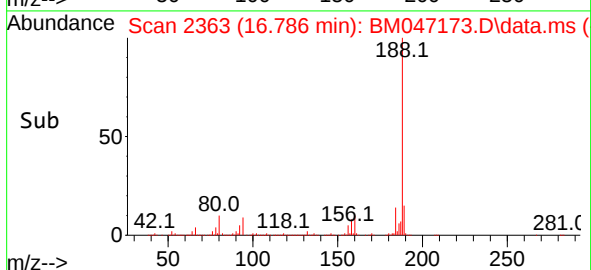
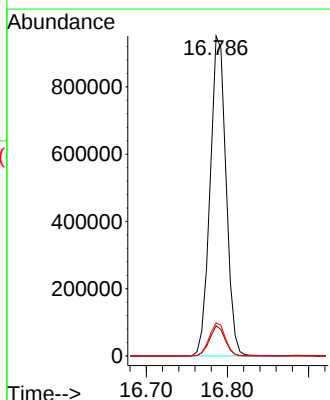
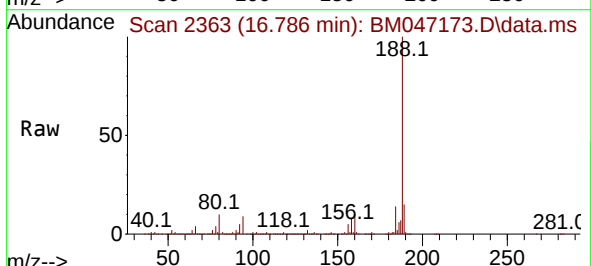
Tgt Ion:188 Resp: 1295651

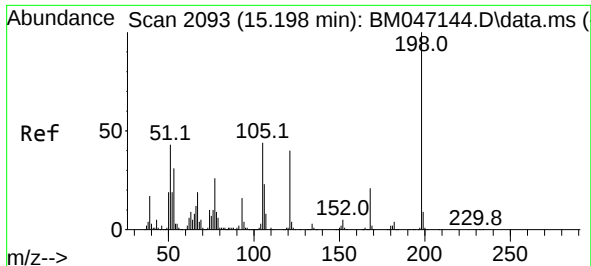
Ion Ratio Lower Upper

188 100

94 9.5 7.0 10.6

80 10.4 8.0 12.0





#65

4,6-Dinitro-2-methylphenol

Concen: 5.470 ng

RT: 15.192 min Scan# 2093

Delta R.T. -0.006 min

Lab File: BM047173.D

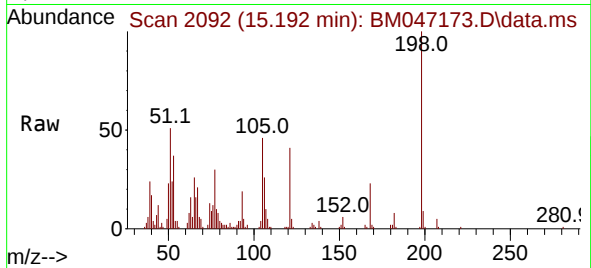
Acq: 13 Aug 2024 13:47

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2024



Tgt Ion:198 Resp: 4149

Ion Ratio Lower Upper

198 100

51 50.5 23.9 63.9

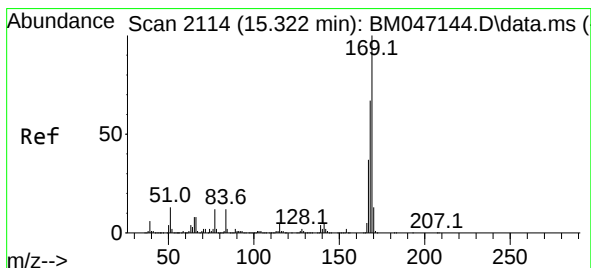
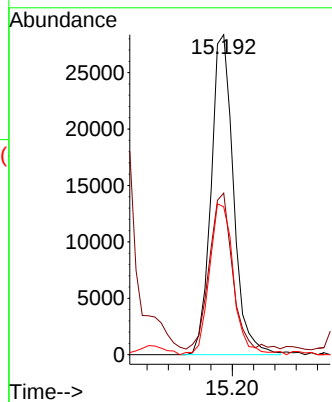
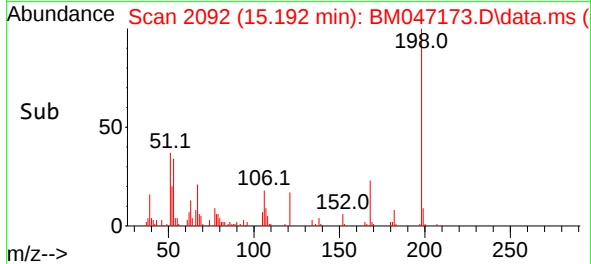
105 46.2 24.3 64.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/14/2024

Supervised By :mohammad ahmed 08/14/2024



#66

n-Nitrosodiphenylamine

Concen: 7.969 ng

RT: 15.316 min Scan# 2113

Delta R.T. -0.006 min

Lab File: BM047173.D

Acq: 13 Aug 2024 13:47

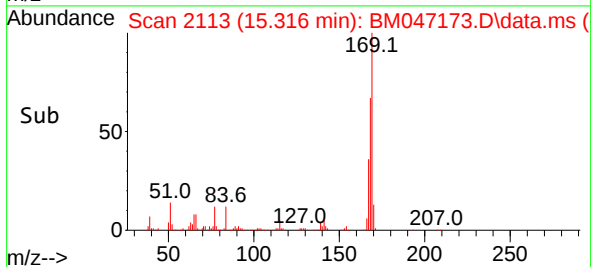
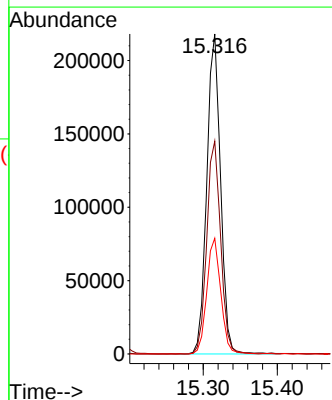
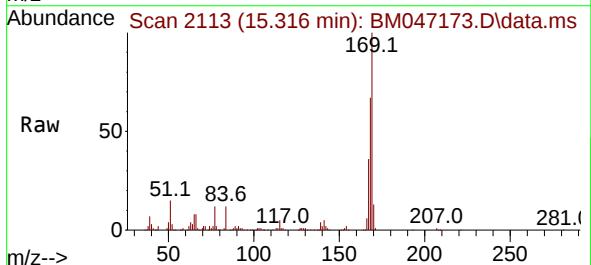
Tgt Ion:169 Resp: 281235

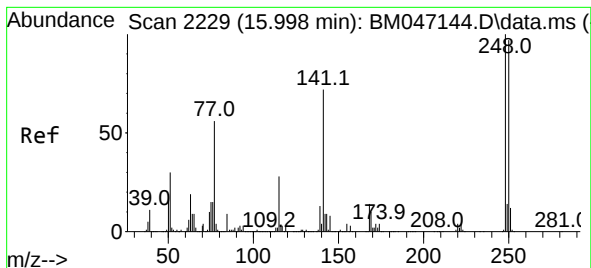
Ion Ratio Lower Upper

169 100

168 66.5 53.8 80.8

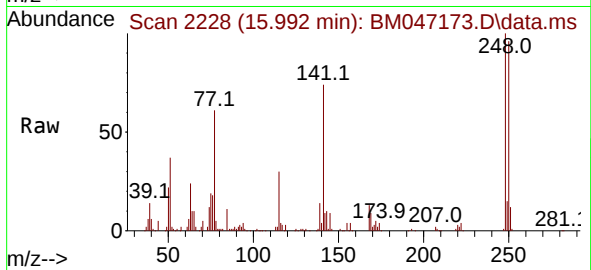
167 36.2 29.3 43.9





#67
4-Bromophenyl-phenylether
Concen: 7.340 ng
RT: 15.992 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047173.D
Acq: 13 Aug 2024 13:47

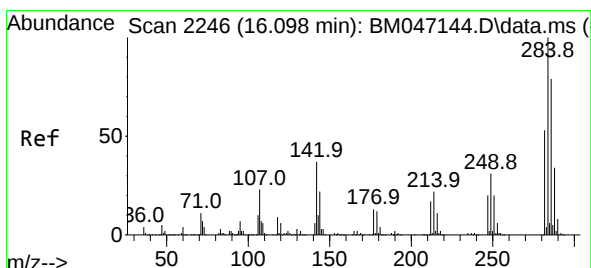
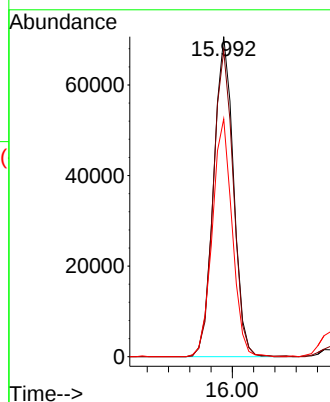
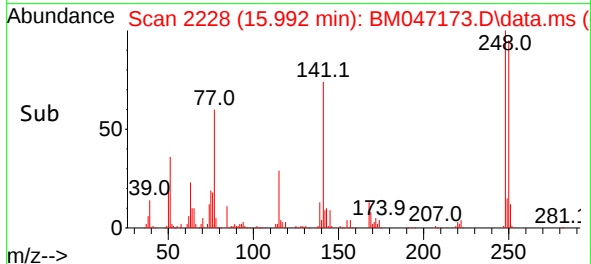
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2024



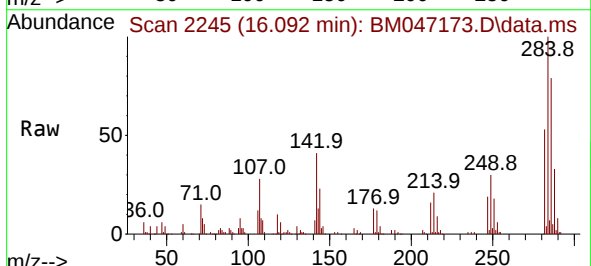
Tgt Ion:248 Resp: 9164
Ion Ratio Lower Upper
248 100
250 95.7 77.8 116.8
141 74.3 57.7 86.5

Manual Integrations
APPROVED

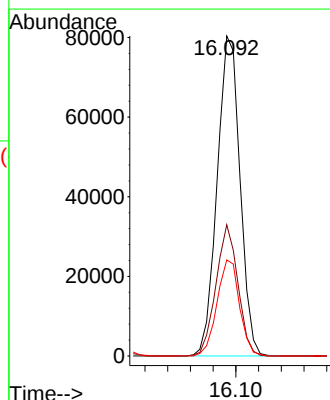
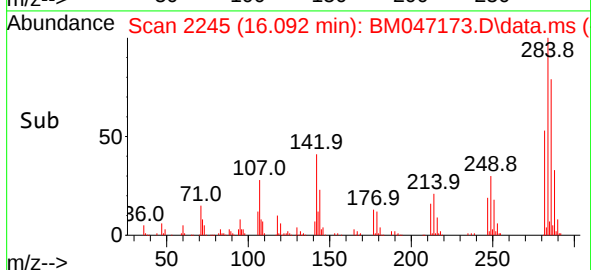
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024

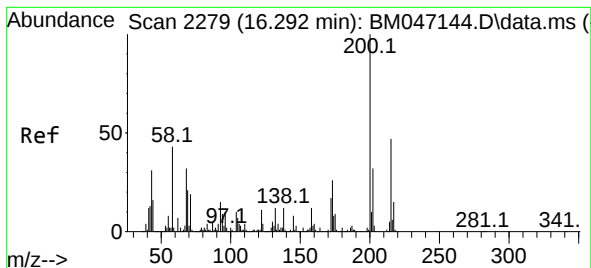


#68
Hexachlorobenzene
Concen: 7.508 ng
RT: 16.092 min Scan# 2245
Delta R.T. -0.006 min
Lab File: BM047173.D
Acq: 13 Aug 2024 13:47



Tgt Ion:284 Resp: 112267
Ion Ratio Lower Upper
284 100
142 41.0 29.4 44.0
249 30.0 25.1 37.7





#69

Atrazine

Concen: 8.784 ng

RT: 16.286 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047173.D

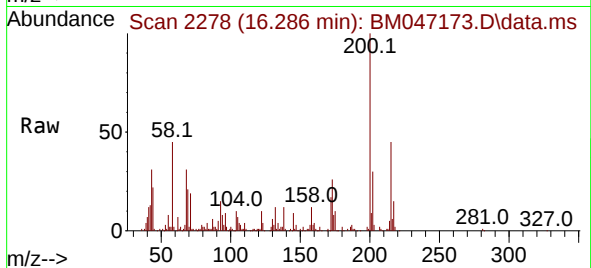
Acq: 13 Aug 2024 13:47

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2024



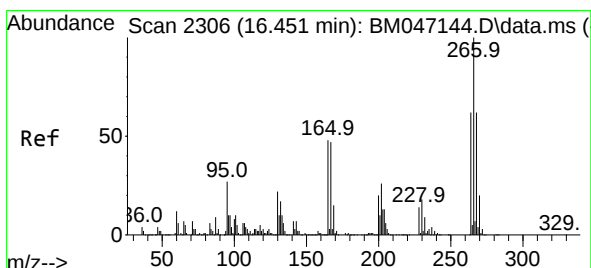
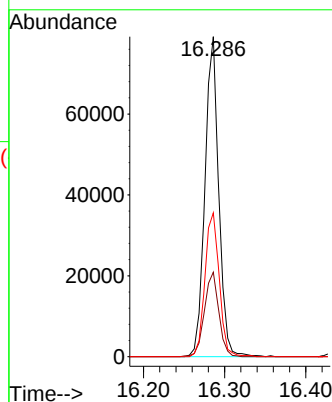
Tgt Ion:	200	Resp:	9328
Ion Ratio	Lower	Upper	
200	100		
173	26.4	6.1	46.1
215	44.9	26.8	66.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/14/2024

Supervised By :mohammad ahmed 08/14/2024



#70

Pentachlorophenol

Concen: 5.579 ng

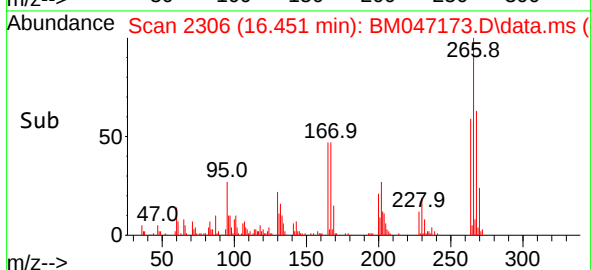
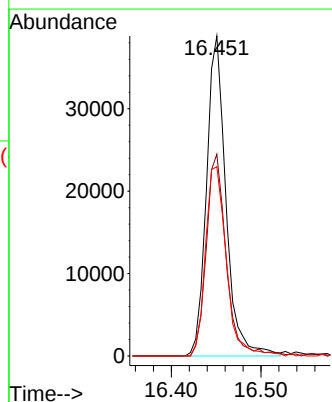
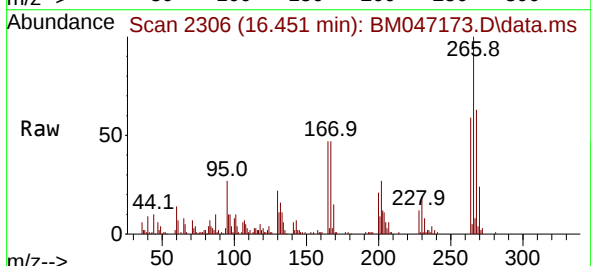
RT: 16.451 min Scan# 2306

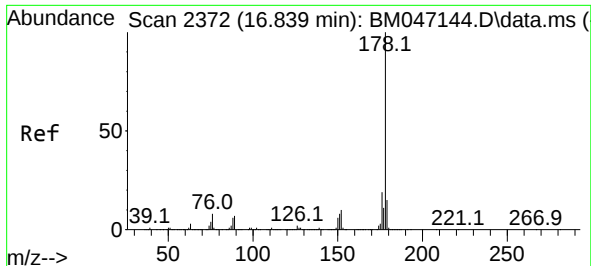
Delta R.T. -0.000 min

Lab File: BM047173.D

Acq: 13 Aug 2024 13:47

Tgt Ion:	266	Resp:	58475
Ion Ratio	Lower	Upper	
266	100		
268	63.1	49.8	74.6
264	59.2	49.6	74.4





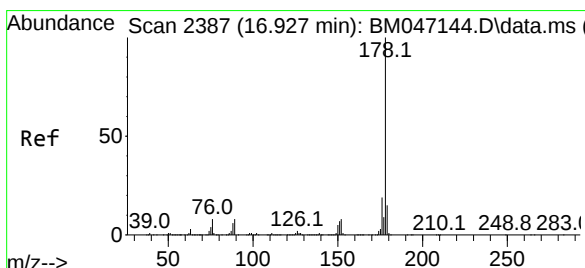
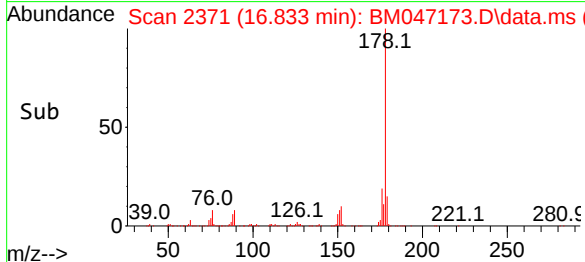
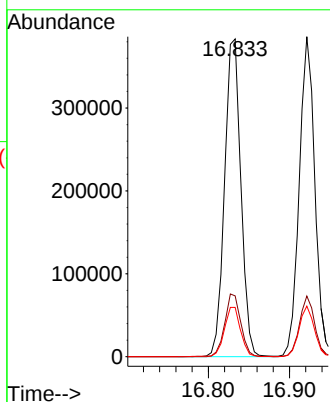
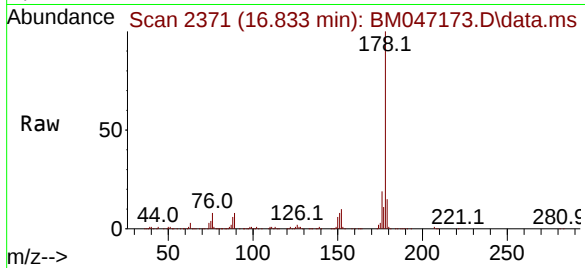
#71
Phenanthrene
Concen: 8.243 ng
RT: 16.833 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047173.D
Acq: 13 Aug 2024 13:47

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

Tgt Ion:178 Resp: 53598
Ion Ratio Lower Upper
178 100
176 19.2 15.3 22.9
179 15.5 12.4 18.6

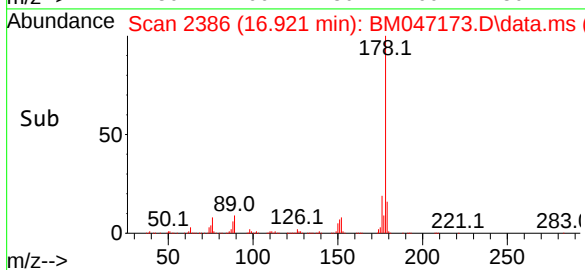
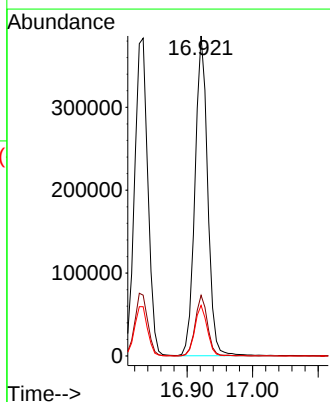
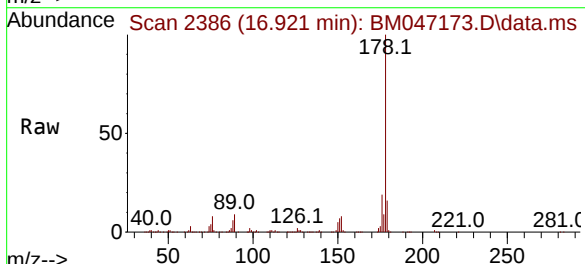
Manual Integrations
APPROVED

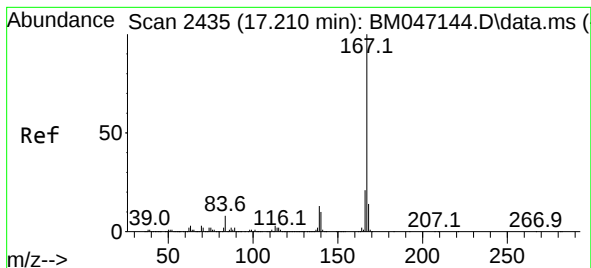
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#72
Anthracene
Concen: 8.230 ng
RT: 16.921 min Scan# 2386
Delta R.T. -0.006 min
Lab File: BM047173.D
Acq: 13 Aug 2024 13:47

Tgt Ion:178 Resp: 520703
Ion Ratio Lower Upper
178 100
176 19.0 14.8 22.2
179 15.8 12.4 18.6





#73

Carbazole

Concen: 7.736 ng

RT: 17.204 min Scan# 2435

Delta R.T. -0.006 min

Lab File: BM047173.D

Acq: 13 Aug 2024 13:47

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2024

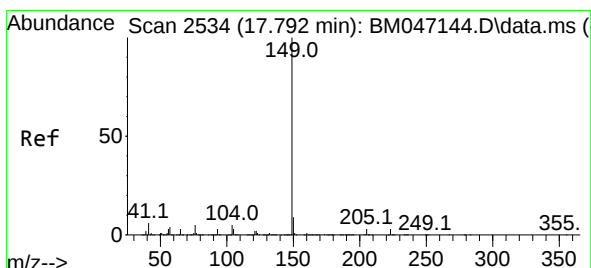
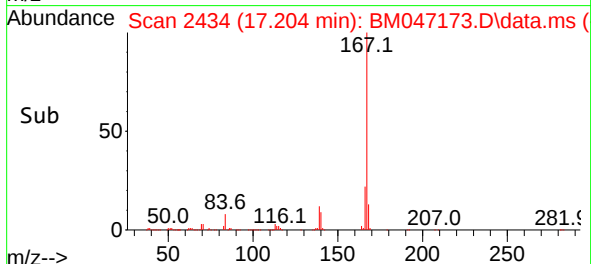
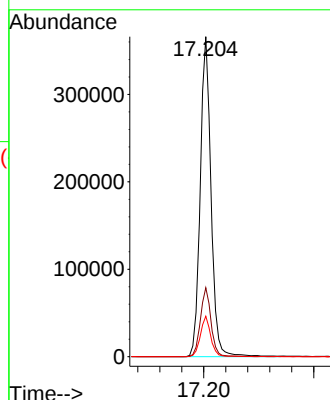
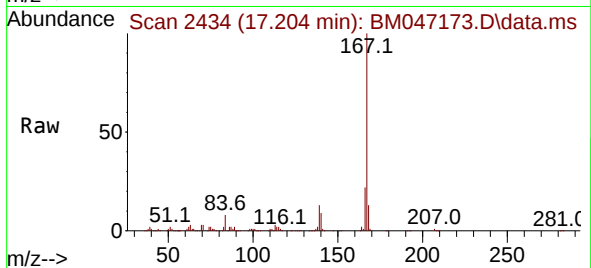
Tgt Ion:	167	Resp:	49972
Ion Ratio	Lower	Upper	
167	100		
166	21.5	17.1	25.7
139	12.6	10.0	15.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/14/2024

Supervised By :mohammad ahmed 08/14/2024



#74

Di-n-butylphthalate

Concen: 7.243 ng

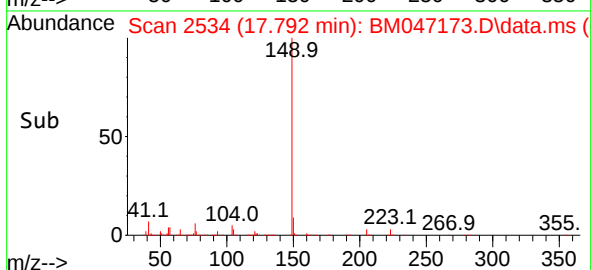
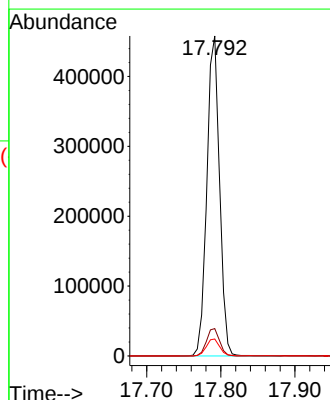
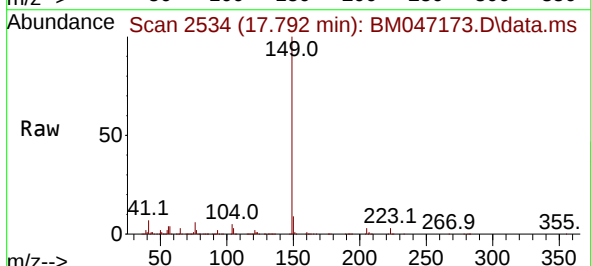
RT: 17.792 min Scan# 2534

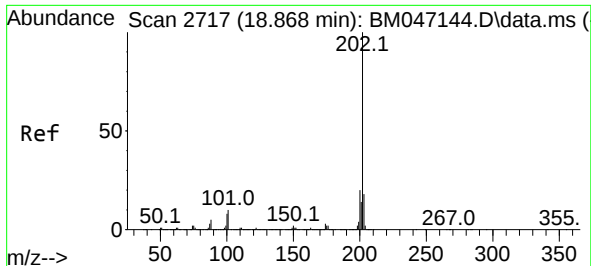
Delta R.T. -0.000 min

Lab File: BM047173.D

Acq: 13 Aug 2024 13:47

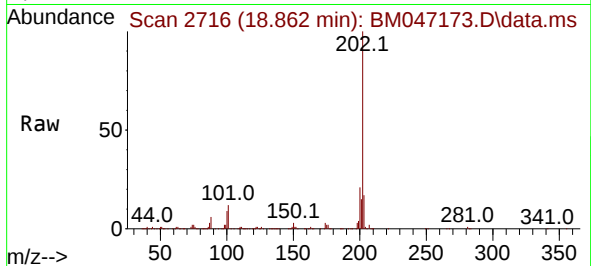
Tgt Ion:	149	Resp:	544404
Ion Ratio	Lower	Upper	
149	100		
150	8.6	7.5	11.3
104	5.3	4.1	6.1





#75
Fluoranthene
Concen: 7.407 ng
RT: 18.862 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047173.D
Acq: 13 Aug 2024 13:47

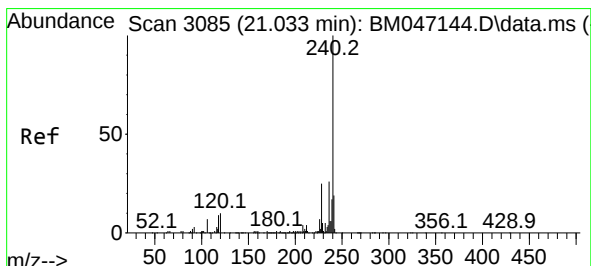
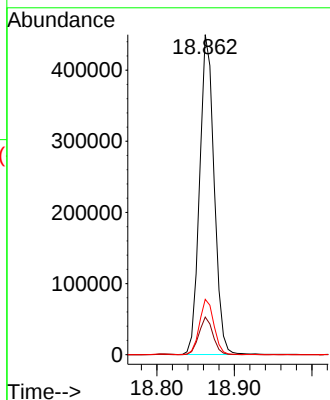
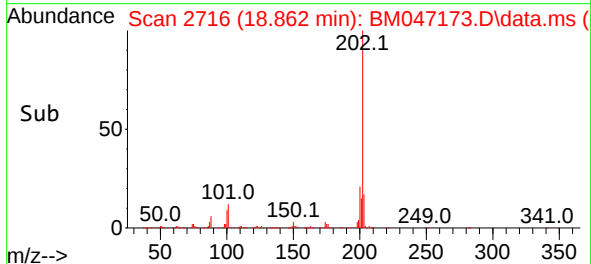
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2024



Tgt Ion:202 Resp: 58582
Ion Ratio Lower Upper
202 100
101 11.8 0.0 30.2
203 17.3 0.0 37.6

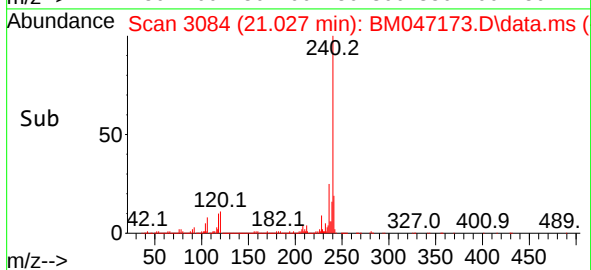
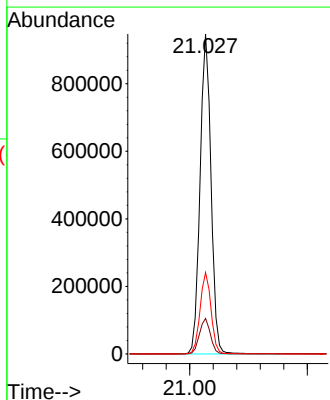
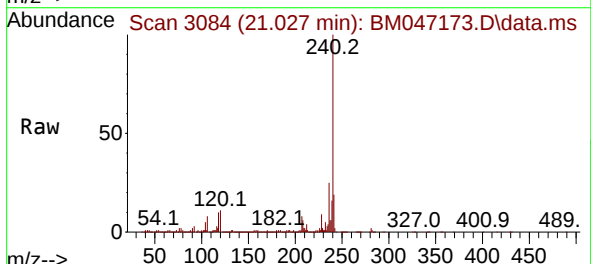
Manual Integrations
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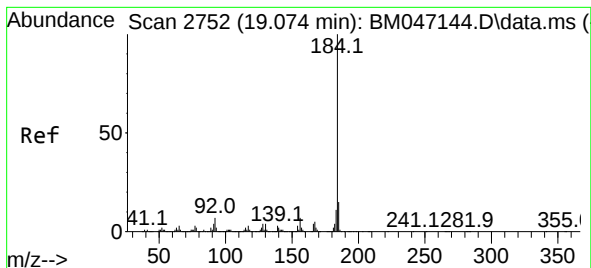
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.027 min Scan# 3084
Delta R.T. -0.006 min
Lab File: BM047173.D
Acq: 13 Aug 2024 13:47

Tgt Ion:240 Resp: 1223995
Ion Ratio Lower Upper
240 100
120 11.1 8.2 12.2
236 25.4 20.6 30.8





#77

Benzidine

Concen: 10.932 ng

RT: 19.074 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM047173.D

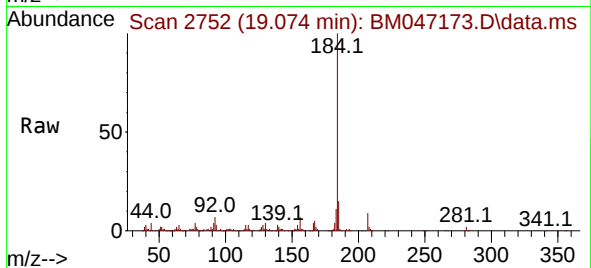
Acq: 13 Aug 2024 13:47

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2024



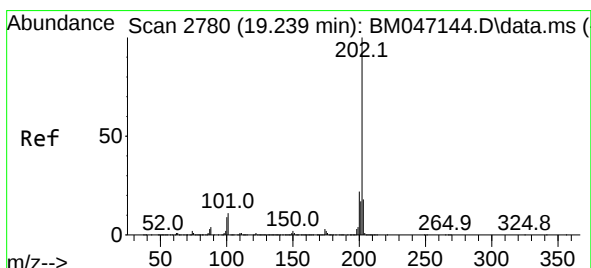
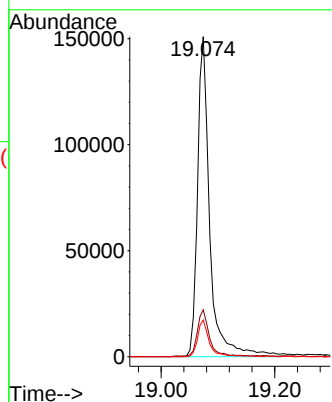
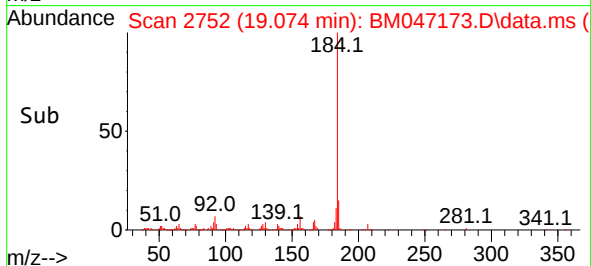
Tgt Ion:	184	Resp:	22692
Ion Ratio	Lower	Upper	
184	100		
185	14.7	11.8	17.6
183	11.4	9.0	13.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/14/2024

Supervised By :mohammad ahmed 08/14/2024



#78

Pyrene

Concen: 7.182 ng

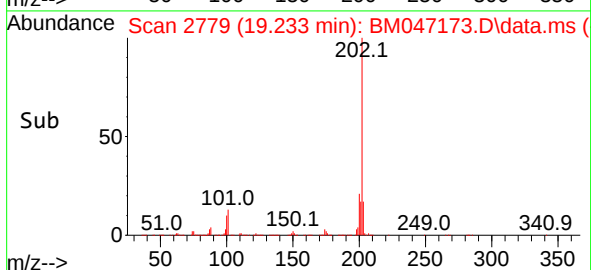
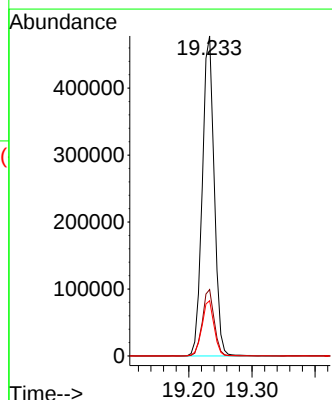
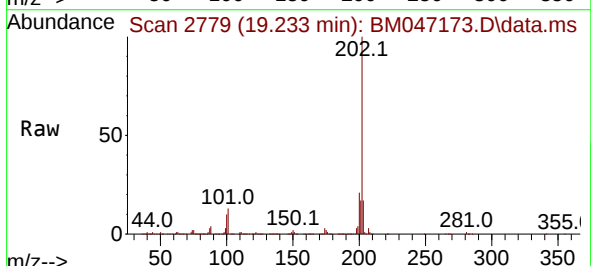
RT: 19.233 min Scan# 2779

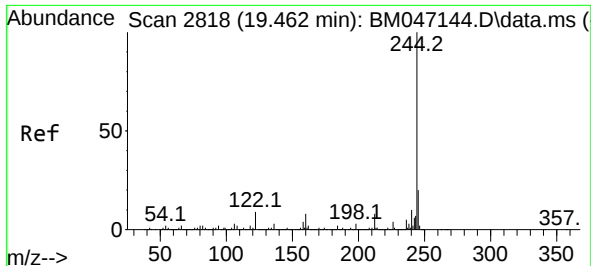
Delta R.T. -0.006 min

Lab File: BM047173.D

Acq: 13 Aug 2024 13:47

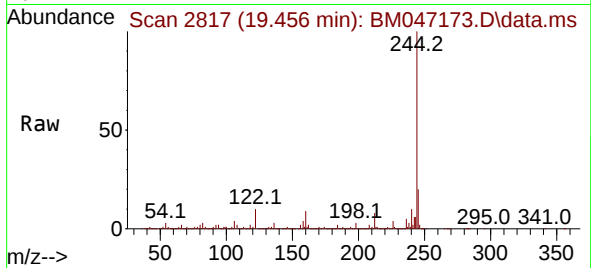
Tgt Ion:	202	Resp:	627668
Ion Ratio	Lower	Upper	
202	100		
200	20.7	17.2	25.8
203	17.3	14.2	21.2





#79
 Terphenyl-d14
 Concen: 84.780 ng
 RT: 19.456 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM047173.D
 Acq: 13 Aug 2024 13:47

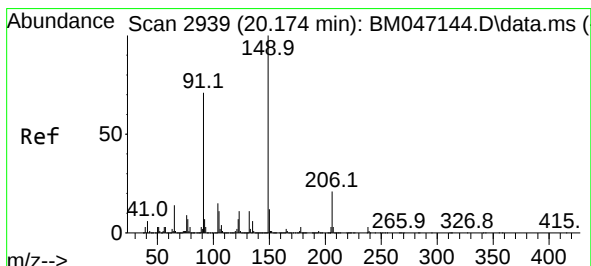
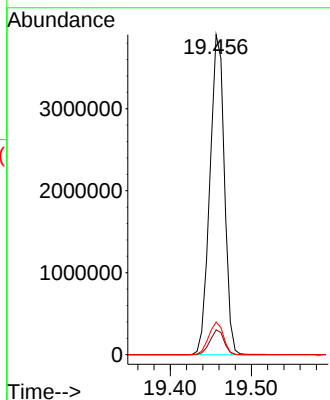
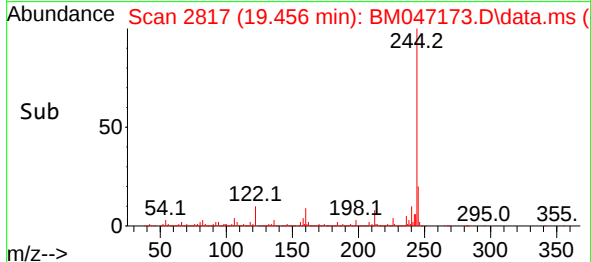
Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT3-2024



Tgt Ion:244 Resp: 484284
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.4
 122 10.2 7.1 10.7

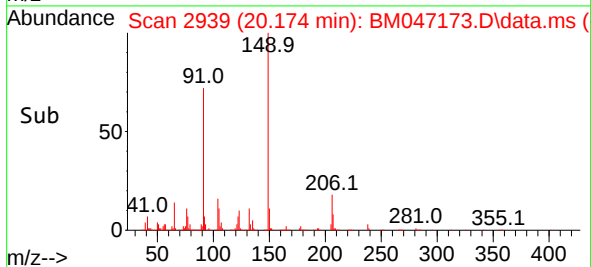
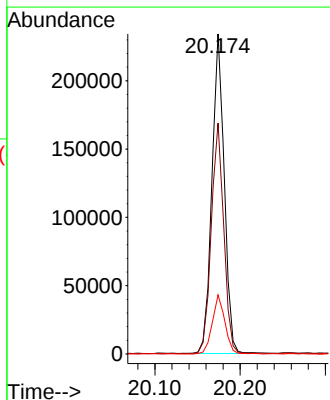
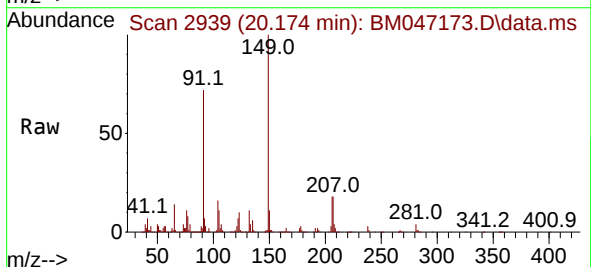
Manual Integrations
 APPROVED

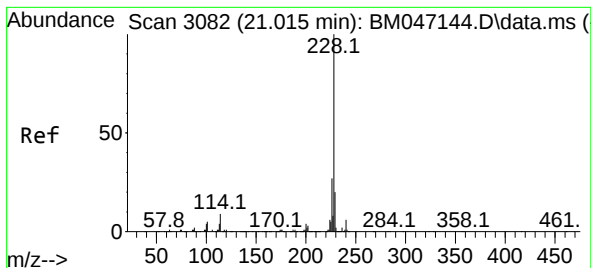
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024



#80
 Butylbenzylphthalate
 Concen: 6.596 ng
 RT: 20.174 min Scan# 2939
 Delta R.T. -0.000 min
 Lab File: BM047173.D
 Acq: 13 Aug 2024 13:47

Tgt Ion:149 Resp: 235259
 Ion Ratio Lower Upper
 149 100
 91 72.1 57.0 85.4
 206 18.5 16.4 24.6





#81

Benzo(a)anthracene

Concen: 7.814 ng

RT: 21.009 min Scan# 3082

Delta R.T. -0.006 min

Lab File: BM047173.D

Acq: 13 Aug 2024 13:47

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2024

Tgt Ion:228 Resp: 634899

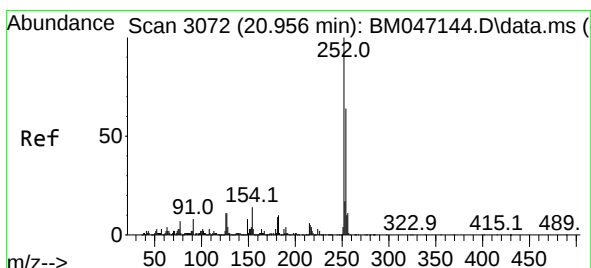
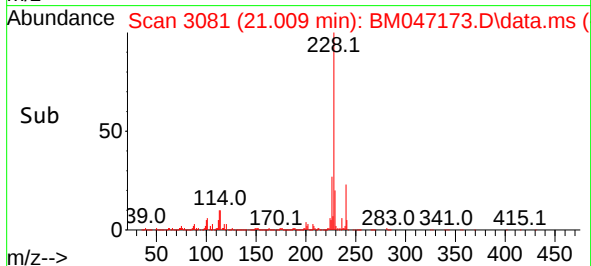
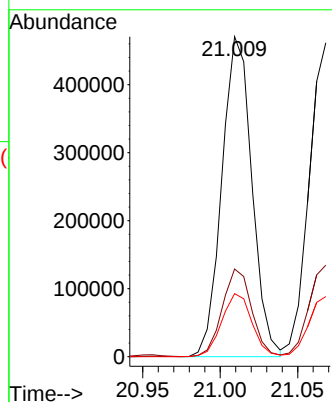
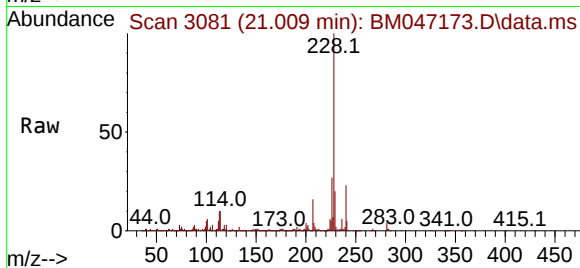
Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.8	32.6
229	19.7	15.8	23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/14/2024

Supervised By :mohammad ahmed 08/14/2024



#82

3,3'-Dichlorobenzidine

Concen: 8.143 ng

RT: 20.956 min Scan# 3072

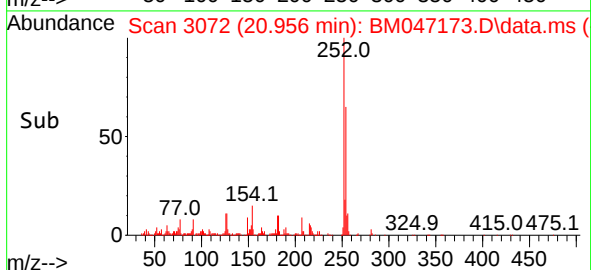
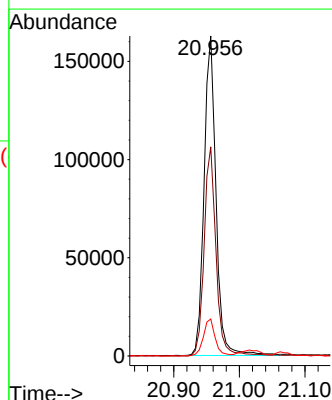
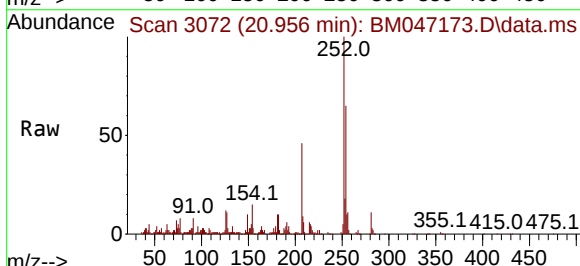
Delta R.T. -0.000 min

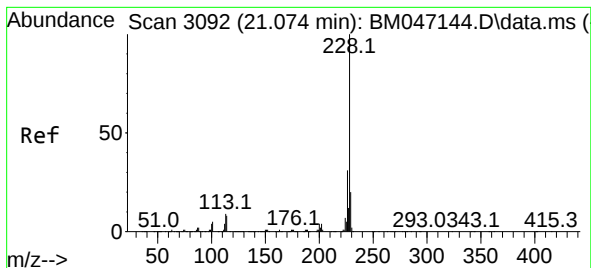
Lab File: BM047173.D

Acq: 13 Aug 2024 13:47

Tgt Ion:252 Resp: 207029

Ion	Ratio	Lower	Upper
252	100		
254	65.3	51.0	76.6
126	11.5	8.5	12.7





#83

Chrysene

Concen: 7.824 ng

RT: 21.068 min Scan# 3092

Delta R.T. -0.006 min

Lab File: BM047173.D

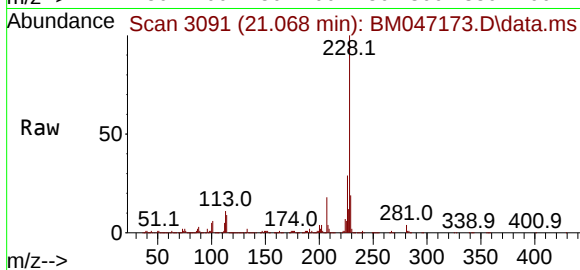
Acq: 13 Aug 2024 13:47

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2024



Tgt Ion:228 Resp: 603192

Ion Ratio Lower Upper

228 100

226 29.1 24.4 36.6

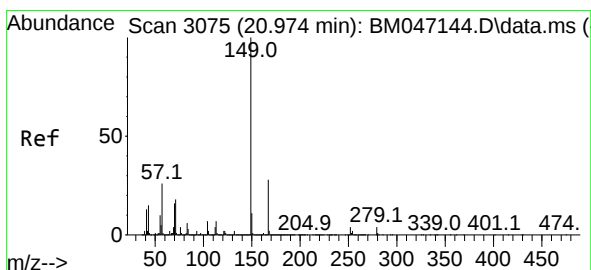
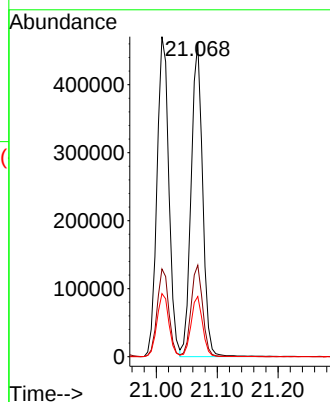
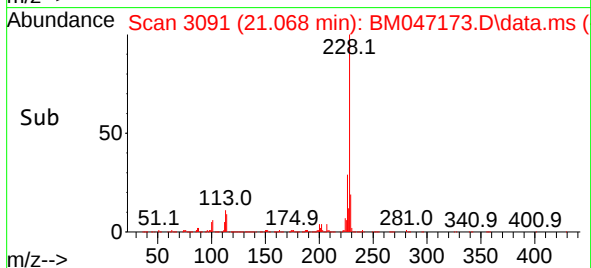
229 19.2 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/14/2024

Supervised By :mohammad ahmed 08/14/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 6.818 ng

RT: 20.974 min Scan# 3075

Delta R.T. -0.000 min

Lab File: BM047173.D

Acq: 13 Aug 2024 13:47

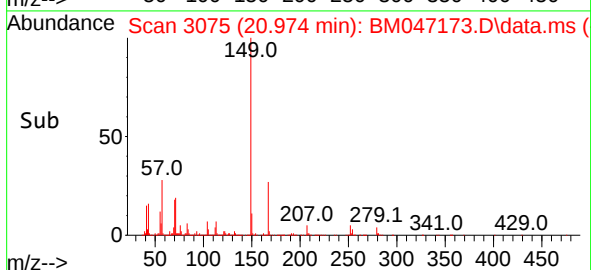
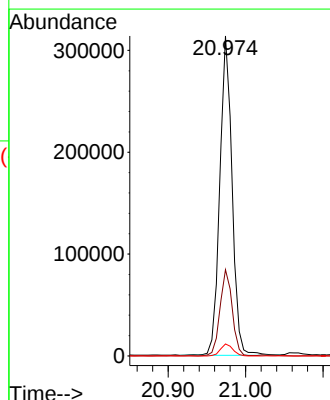
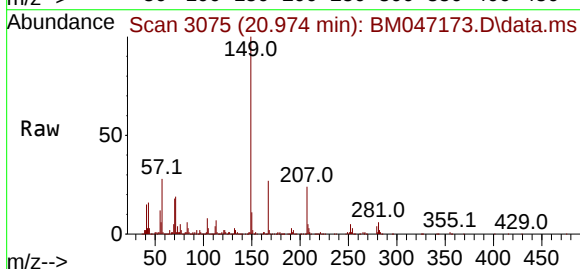
Tgt Ion:149 Resp: 344883

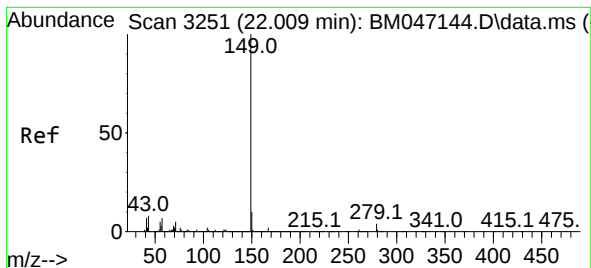
Ion Ratio Lower Upper

149 100

167 27.0 22.2 33.2

279 3.8 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 6.285 ng

RT: 22.009 min Scan# 3251

Delta R.T. -0.000 min

Lab File: BM047173.D

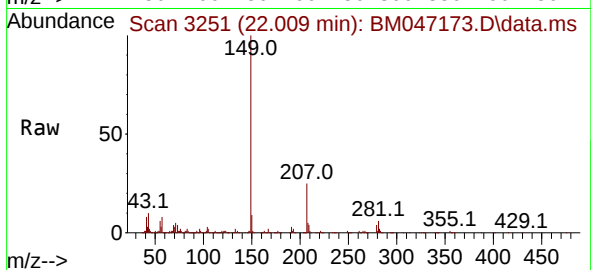
Acq: 13 Aug 2024 13:47

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2024



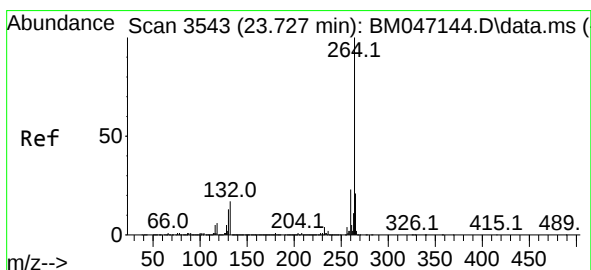
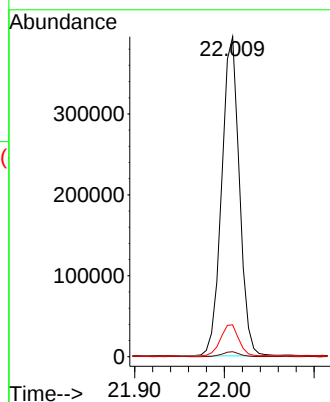
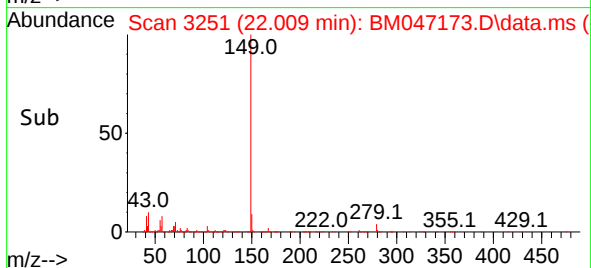
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	10.4	6.9	10.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/14/2024

Supervised By :mohammad ahmed 08/14/2024



#86

Perylene-d12

Concen: 20.000 ng

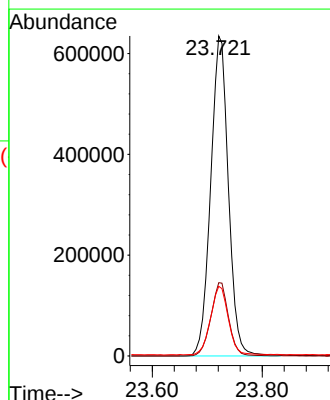
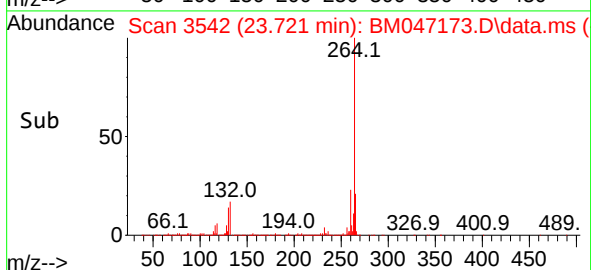
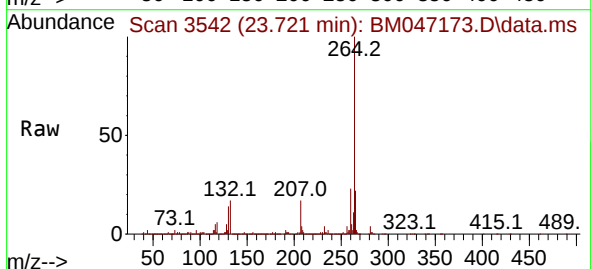
RT: 23.721 min Scan# 3542

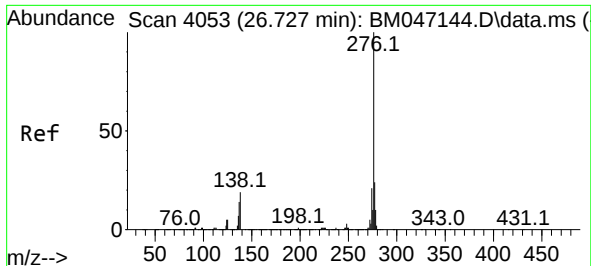
Delta R.T. -0.006 min

Lab File: BM047173.D

Acq: 13 Aug 2024 13:47

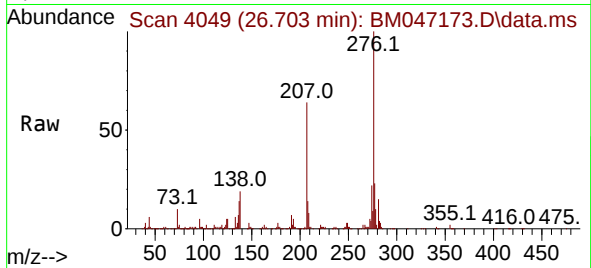
Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.5	27.7
265	21.7	17.3	25.9





#87
Indeno(1,2,3-cd)pyrene
Concen: 7.810 ng
RT: 26.703 min Scan# 4053
Delta R.T. -0.024 min
Lab File: BM047173.D
Acq: 13 Aug 2024 13:47

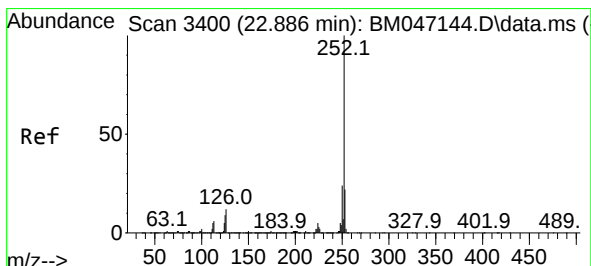
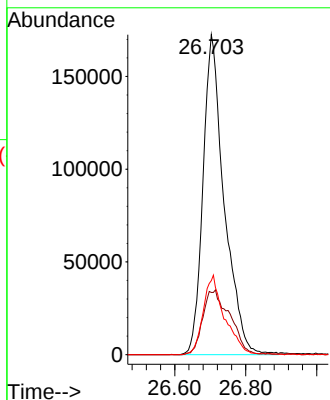
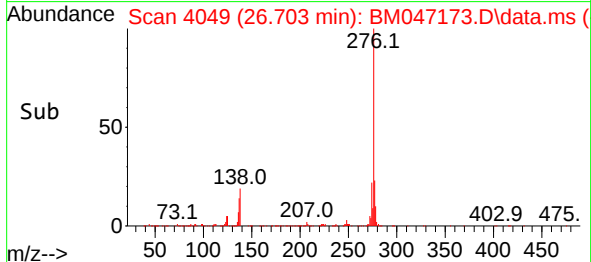
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2024



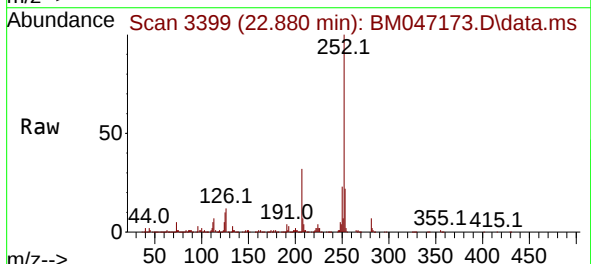
Tgt Ion: 276 Resp: 716650
Ion Ratio Lower Upper
276 100
138 25.8 19.4 29.0
277 25.1 20.1 30.1

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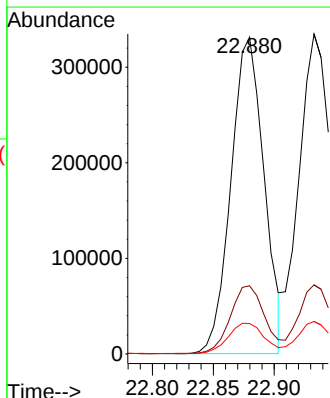
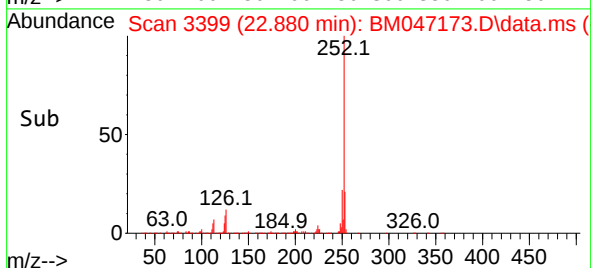
Reviewed By : Yogesh Patel 08/14/2024
Supervised By : mohammad ahmed 08/14/2024

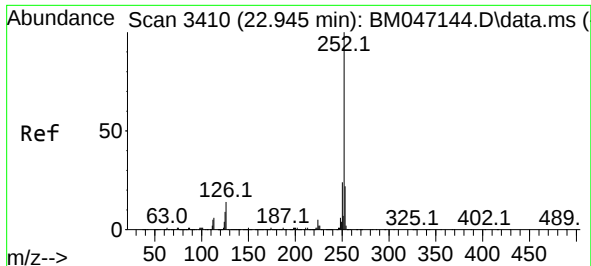


#88
Benzo(b)fluoranthene
Concen: 7.414 ng
RT: 22.880 min Scan# 3399
Delta R.T. -0.006 min
Lab File: BM047173.D
Acq: 13 Aug 2024 13:47



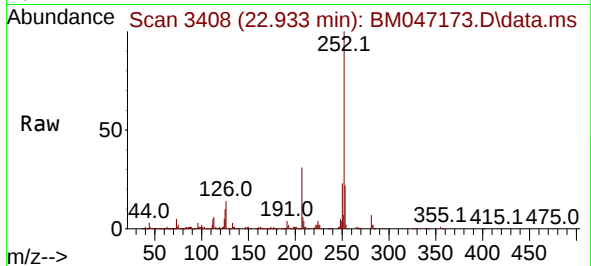
Tgt Ion: 252 Resp: 625057
Ion Ratio Lower Upper
252 100
253 21.5 17.8 26.6
125 9.6 7.4 11.0





#89
Benzo(k)fluoranthene
Concen: 8.005 ng
RT: 22.933 min Scan# 3410
Delta R.T. -0.012 min
Lab File: BM047173.D
Acq: 13 Aug 2024 13:47

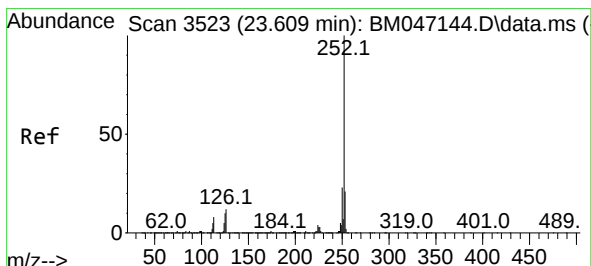
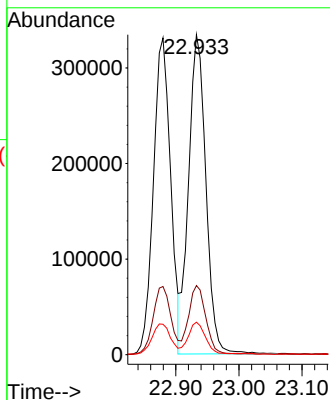
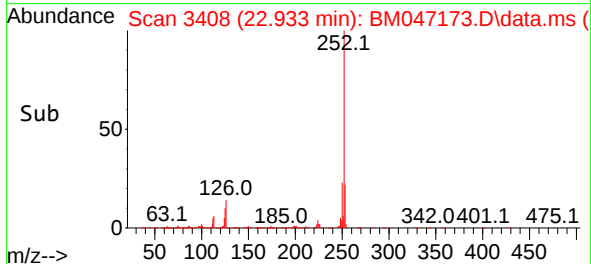
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2024



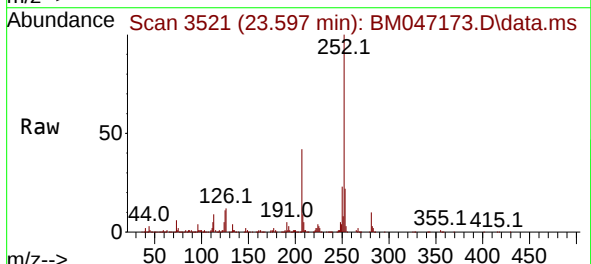
Tgt Ion:252 Resp: 637420
Ion Ratio Lower Upper
252 100
253 21.6 17.7 26.5
125 10.1 7.4 11.2

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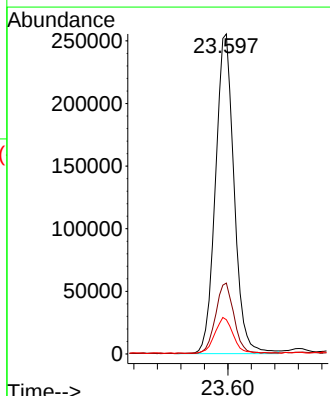
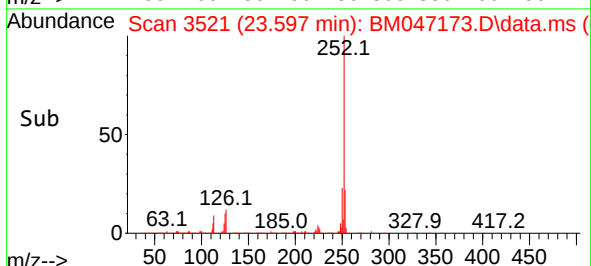
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024

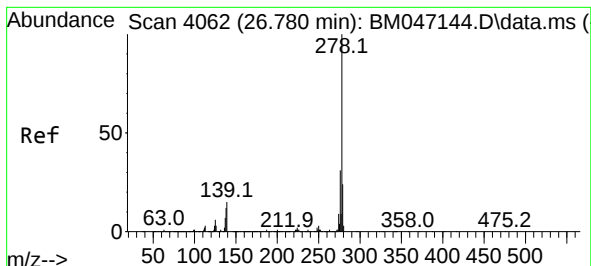


#90
Benzo(a)pyrene
Concen: 7.684 ng
RT: 23.597 min Scan# 3521
Delta R.T. -0.012 min
Lab File: BM047173.D
Acq: 13 Aug 2024 13:47



Tgt Ion:252 Resp: 561152
Ion Ratio Lower Upper
252 100
253 22.2 17.1 25.7
125 10.7 8.2 12.2





#91

Dibenzo(a,h)anthracene

Concen: 7.892 ng

RT: 26.756 min Scan# 4062

Delta R.T. -0.024 min

Lab File: BM047173.D

Acq: 13 Aug 2024 13:47

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2024

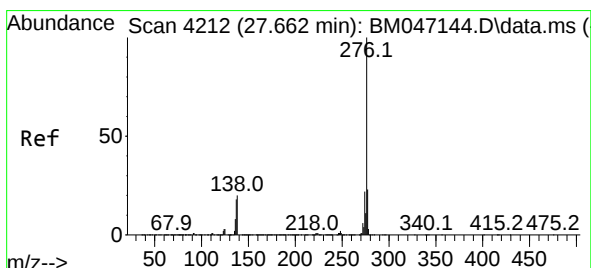
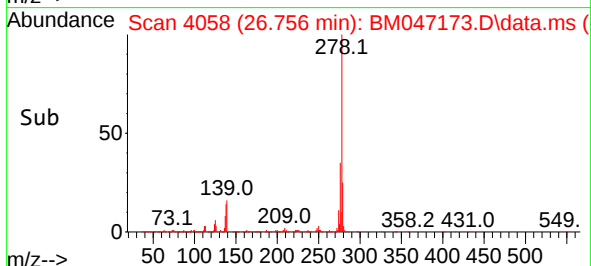
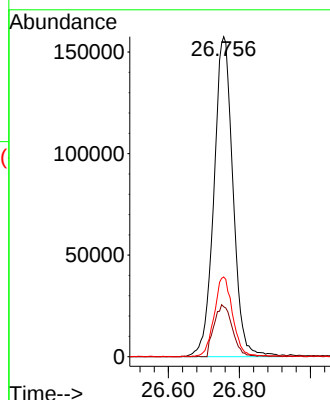
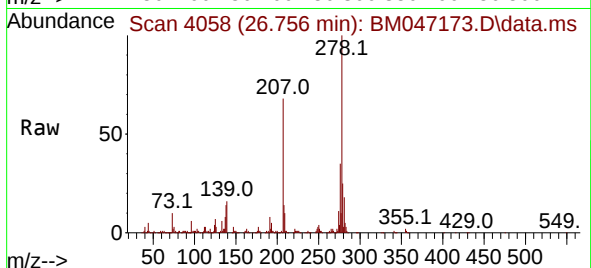
Tgt Ion:	278	Resp:	58608
Ion Ratio	Lower	Upper	
278	100		
139	15.6	12.0	18.0
279	24.9	19.2	28.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/14/2024

Supervised By :mohammad ahmed 08/14/2024



#92

Benzo(g,h,i)perylene

Concen: 7.458 ng

RT: 27.626 min Scan# 4206

Delta R.T. -0.035 min

Lab File: BM047173.D

Acq: 13 Aug 2024 13:47

Tgt Ion:	276	Resp:	575053
Ion Ratio	Lower	Upper	
276	100		
277	23.1	18.8	28.2
138	21.7	16.2	24.4

