

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081224\
 Data File : BM047156.D
 Acq On : 12 Aug 2024 14:25
 Operator : RC/JU
 Sample : P3390-07
 Misc : LOD-MDL-WATER-4NG
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2024

Quant Time: Aug 12 15:12:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 11 23:47:58 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/13/2024
 Supervised By :mohammad ahmed 08/14/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.375	152	282282	20.000	ng	0.00
21) Naphthalene-d8	10.128	136	1210415	20.000	ng	0.00
39) Acenaphthene-d10	14.027	164	789677	20.000	ng	0.00
64) Phenanthrene-d10	16.792	188	1771608	20.000	ng	0.00
76) Chrysene-d12	21.027	240	1701590	20.000	ng	0.00
86) Perylene-d12	23.727	264	2023956	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.022	112	1909491	120.870	ng	0.00
7) Phenol-d6	6.581	99	2680137	123.123	ng	0.00
23) Nitrobenzene-d5	8.522	82	1823527	75.859	ng	0.00
42) 2,4,6-Tribromophenol	15.539	330	1205469	131.653	ng	0.00
45) 2-Fluorobiphenyl	12.639	172	3936313	76.891	ng	0.00
79) Terphenyl-d14	19.462	244	6641397	83.633	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.034	88	26324	4.022	ng	99
3) Pyridine	3.422	79	60595	3.157	ng	96
4) n-Nitrosodimethylamine	3.334	42	30225	3.604	ng	# 98
6) Aniline	6.722	93	95010	4.618	ng	98
8) 2-Chlorophenol	6.945	128	64743	3.758	ng	98
9) Benzaldehyde	6.540	77	66049m	3.812	ng	
10) Phenol	6.604	94	81760	3.764	ng	87
11) bis(2-Chloroethyl)ether	6.822	93	73986	3.978	ng	96
12) 1,3-Dichlorobenzene	7.263	146	76383	3.731	ng	95
13) 1,4-Dichlorobenzene	7.404	146	80228	3.870	ng	98
14) 1,2-Dichlorobenzene	7.716	146	76058	3.888	ng	97
15) Benzyl Alcohol	7.628	79	65191	4.208	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.904	45	97925	4.103	ng	99
17) 2-Methylphenol	7.828	107	55696	3.844	ng	94
18) Hexachloroethane	8.422	117	29668	3.695	ng	91
19) n-Nitroso-di-n-propyla...	8.181	70	58454	3.987	ng	97
20) 3+4-Methylphenols	8.157	107	73818	3.644	ng	98
22) Acetophenone	8.192	105	117496	4.021	ng	# 98
24) Nitrobenzene	8.557	77	96145	3.972	ng	97
25) Isophorone	9.086	82	159346	3.807	ng	99
26) 2-Nitrophenol	9.263	139	32378	3.020	ng	97
27) 2,4-Dimethylphenol	9.339	122	36843	2.934	ng	99
28) bis(2-Chloroethoxy)met...	9.575	93	98698	3.748	ng	99
29) 2,4-Dichlorophenol	9.798	162	61630	3.308	ng	97
30) 1,2,4-Trichlorobenzene	9.998	180	76706	3.638	ng	98
31) Naphthalene	10.175	128	227765	3.777	ng	99
32) Benzoic acid	9.428	122	34411m	2.359	ng	
33) 4-Chloroaniline	10.304	127	87906	3.791	ng	98
34) Hexachlorobutadiene	10.463	225	41231	3.341	ng	98
35) Caprolactam	11.092	113	21353m	3.300	ng	
36) 4-Chloro-3-methylphenol	11.445	107	66134	3.333	ng	98
37) 2-Methylnaphthalene	11.804	142	156457	3.644	ng	99
38) 1-Methylnaphthalene	12.027	142	154052	3.631	ng	99
40) 1,2,4,5-Tetrachloroben...	12.186	216	80237	3.725	ng	99
41) Hexachlorocyclopentadiene	12.163	237	27733	3.687	ng	96
43) 2,4,6-Trichlorophenol	12.445	196	48978	3.199	ng	100

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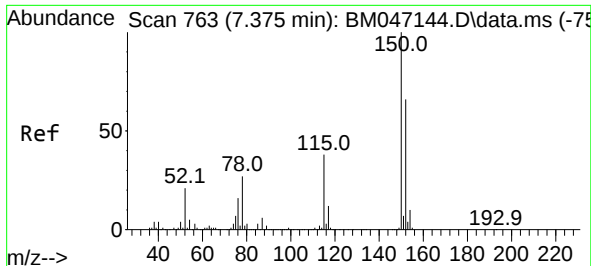
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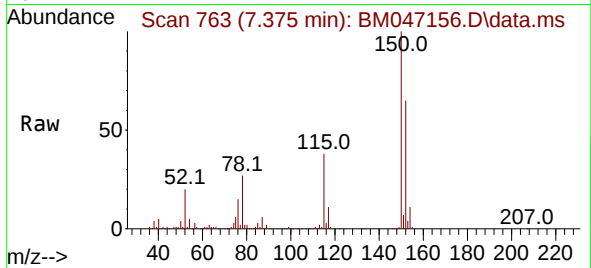
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.522	196	54429	3.202	ng	97
46) 1,1'-Biphenyl	12.851	154	218671	3.890	ng	99
47) 2-Chloronaphthalene	12.886	162	171865	3.911	ng	98
48) 2-Nitroaniline	13.110	65	45492	3.305	ng	94
49) Acenaphthylene	13.745	152	271113	4.186	ng	98
50) Dimethylphthalate	13.504	163	214558	3.890	ng	100
51) 2,6-Dinitrotoluene	13.621	165	42296	3.281	ng	96
52) Acenaphthene	14.092	154	158159	3.850	ng	97
53) 3-Nitroaniline	13.957	138	41420	3.206	ng	# 92
54) 2,4-Dinitrophenol	14.174	184	16486	2.134	ng	97
55) Dibenzofuran	14.433	168	265427	4.090	ng	99
56) 4-Nitrophenol	14.298	139	32738m	2.939	ng	
57) 2,4-Dinitrotoluene	14.421	165	53473	3.107	ng	89
58) Fluorene	15.092	166	213218	3.982	ng	96
59) 2,3,4,6-Tetrachlorophenol	14.674	232	48280	3.456	ng	95
60) Diethylphthalate	14.892	149	207558	3.685	ng	99
61) 4-Chlorophenyl-phenyle...	15.098	204	100486	3.942	ng	99
62) 4-Nitroaniline	15.127	138	40653m	3.194	ng	
63) Azobenzene	15.392	77	204097	3.822	ng	99
65) 4,6-Dinitro-2-methylph...	15.192	198	24492	2.361	ng	95
66) n-Nitrosodiphenylamine	15.316	169	178622	3.702	ng	99
67) 4-Bromophenyl-phenylether	15.992	248	57793	3.385	ng	97
68) Hexachlorobenzene	16.092	284	73563	3.598	ng	97
69) Atrazine	16.286	200	60650	4.177	ng	99
70) Pentachlorophenol	16.451	266	36766	2.565	ng	97
71) Phenanthrene	16.833	178	344797	3.878	ng	99
72) Anthracene	16.921	178	326916	3.779	ng	99
73) Carbazole	17.204	167	314299	3.558	ng	99
74) Di-n-butylphthalate	17.792	149	355031	3.454	ng	98
75) Fluoranthene	18.868	202	380900	3.522	ng	99
77) Benzidine	19.074	184	61626	2.136	ng	100
78) Pyrene	19.233	202	404004	3.325	ng	98
80) Butylbenzylphthalate	20.174	149	151535	3.056	ng	98
81) Benzo(a)anthracene	21.009	228	410144	3.631	ng	98
82) 3,3'-Dichlorobenzidine	20.956	252	129219	3.656	ng	96
83) Chrysene	21.062	228	381771	3.562	ng	99
84) Bis(2-ethylhexyl)phtha...	20.974	149	224516	3.193	ng	100
85) Di-n-octyl phthalate	22.003	149	347597	2.908	ng	97
87) Indeno(1,2,3-cd)pyrene	26.709	276	470521	3.597	ng	99
88) Benzo(b)fluoranthene	22.874	252	410490	3.415	ng	98
89) Benzo(k)fluoranthene	22.933	252	396504	3.493	ng	99
90) Benzo(a)pyrene	23.591	252	345243	3.316	ng	97
91) Dibenzo(a,h)anthracene	26.762	278	392911	3.711	ng	98
92) Benzo(g,h,i)perylene	27.632	276	398338	3.624	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.375 min Scan# 70
Delta R.T. -0.000 min
Lab File: BM047156.D
Acq: 12 Aug 2024 14:25

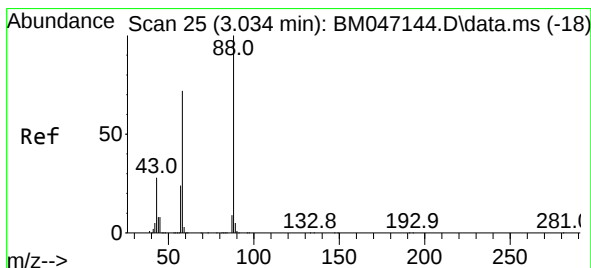
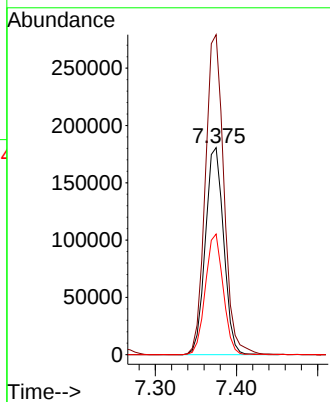
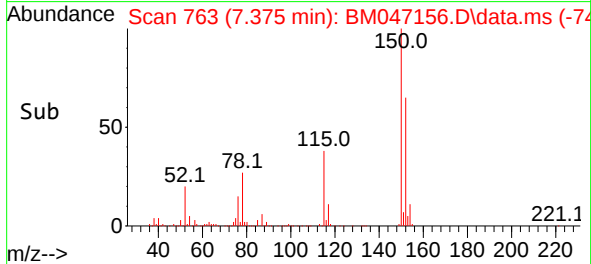
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



Tgt Ion:152 Resp: 28228
Ion Ratio Lower Upper
152 100
150 154.6 120.5 180.7
115 58.2 45.5 68.3

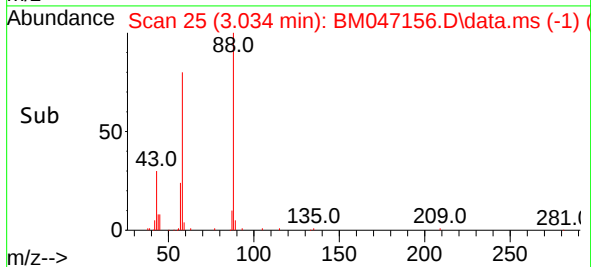
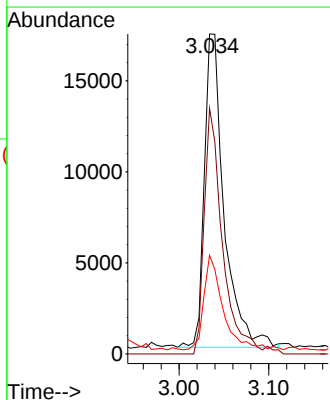
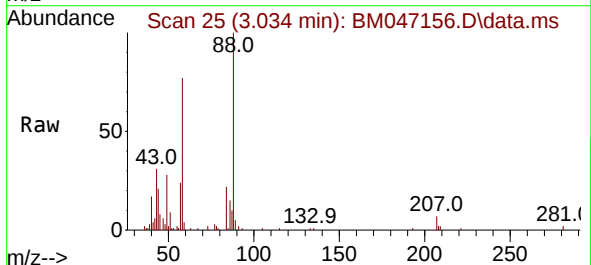
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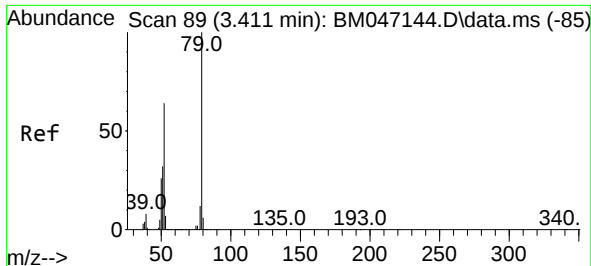
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024



#2
1,4-Dioxane
Concen: 4.022 ng
RT: 3.034 min Scan# 25
Delta R.T. -0.000 min
Lab File: BM047156.D
Acq: 12 Aug 2024 14:25

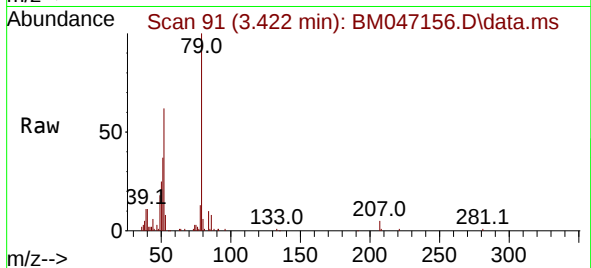
Tgt Ion: 88 Resp: 26324
Ion Ratio Lower Upper
88 100
58 72.1 58.2 87.4
43 29.3 22.5 33.7





#3
 Pyridine
 Concen: 3.157 ng
 RT: 3.422 min Scan# 91
 Delta R.T. 0.012 min
 Lab File: BM047156.D
 Acq: 12 Aug 2024 14:25

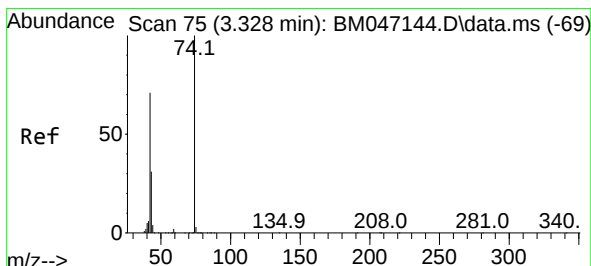
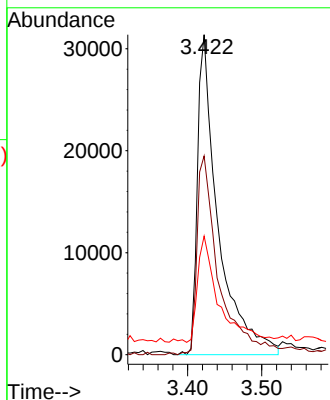
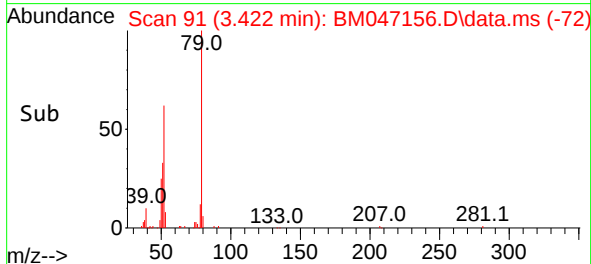
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2024



Tgt Ion: 79 Resp: 6059
 Ion Ratio Lower Upper
 79 100
 52 62.1 51.2 76.8
 51 37.1 26.1 39.1

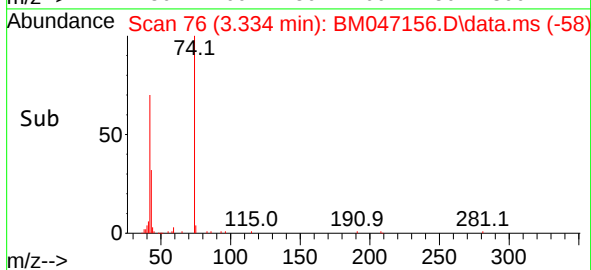
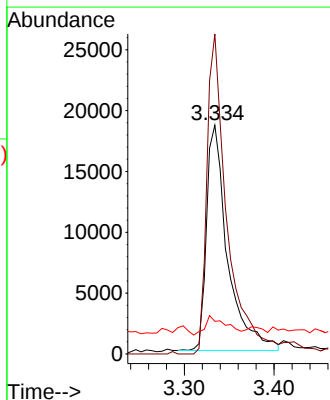
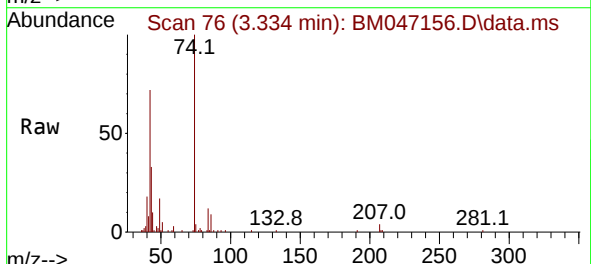
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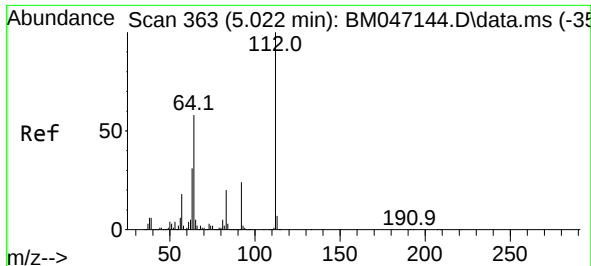
Reviewed By :Yogesh Patel 08/13/2024
 Supervised By :mohammad ahmed 08/14/2024



#4
 n-Nitrosodimethylamine
 Concen: 3.604 ng
 RT: 3.334 min Scan# 76
 Delta R.T. 0.006 min
 Lab File: BM047156.D
 Acq: 12 Aug 2024 14:25

Tgt Ion: 42 Resp: 30225
 Ion Ratio Lower Upper
 42 100
 74 139.9 112.9 169.3
 44 14.3 5.3 7.9





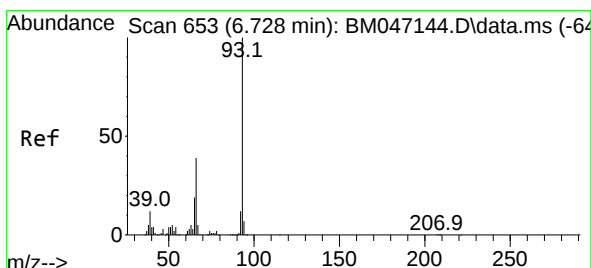
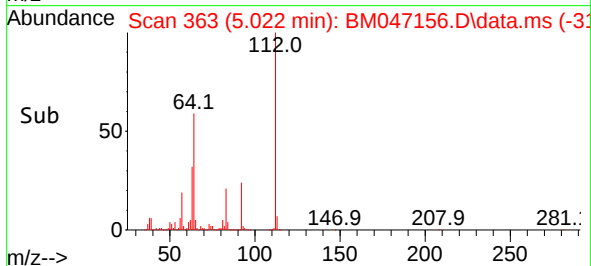
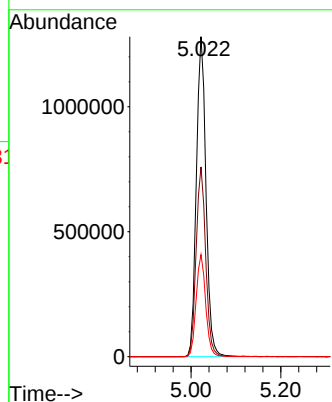
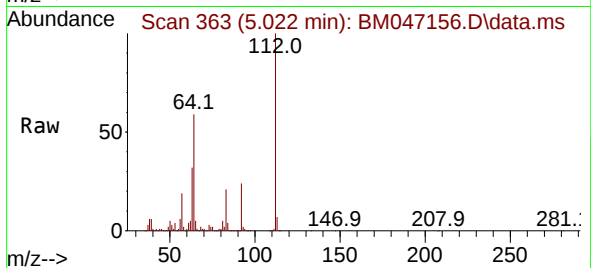
#5
2-Fluorophenol
Concen: 120.870 ng
RT: 5.022 min Scan# 30
Delta R.T. -0.000 min
Lab File: BM047156.D
Acq: 12 Aug 2024 14:25

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024

Tgt Ion:112 Resp: 190949
Ion Ratio Lower Upper
112 100
64 59.3 46.7 70.1
63 31.9 24.8 37.2

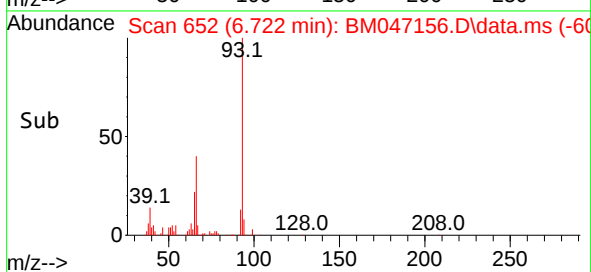
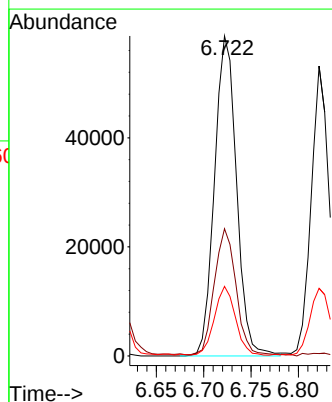
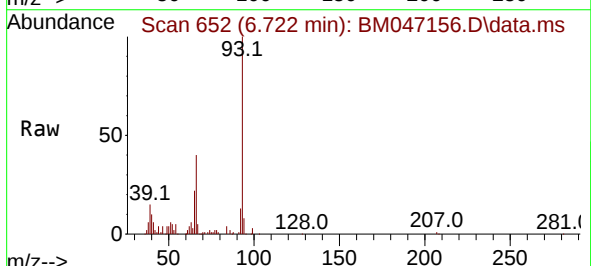
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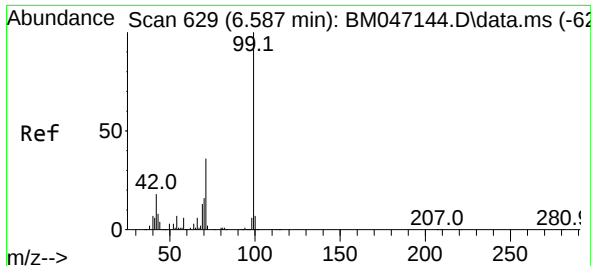
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024



#6
Aniline
Concen: 4.618 ng
RT: 6.722 min Scan# 652
Delta R.T. -0.006 min
Lab File: BM047156.D
Acq: 12 Aug 2024 14:25

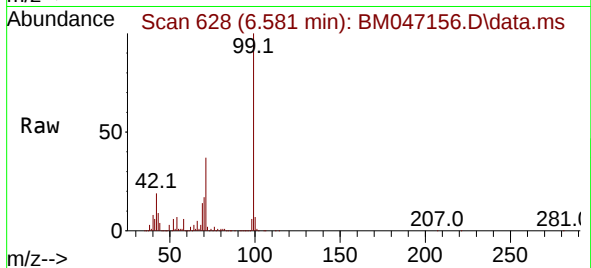
Tgt Ion: 93 Resp: 95010
Ion Ratio Lower Upper
93 100
66 39.8 31.4 47.2
65 21.7 15.6 23.4





#7
Phenol-d6
Concen: 123.123 ng
RT: 6.581 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM047156.D
Acq: 12 Aug 2024 14:25

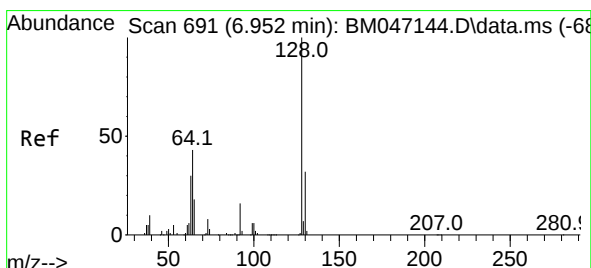
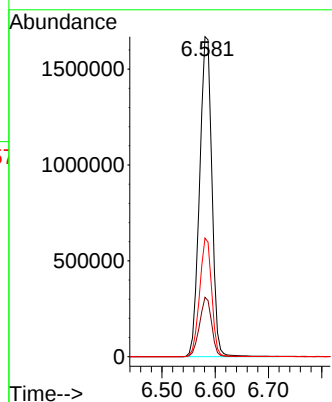
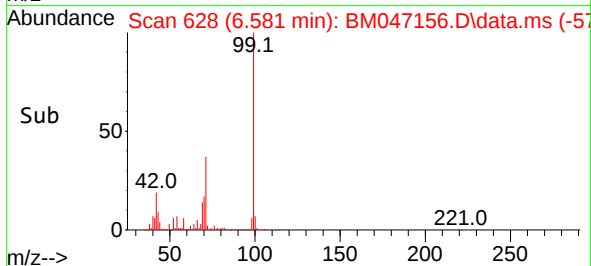
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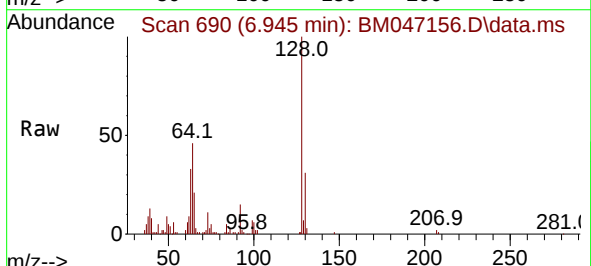
Tgt Ion: 99 Resp: 268013
Ion Ratio Lower Upper
99 100
42 18.6 14.1 21.1
71 37.0 28.5 42.7

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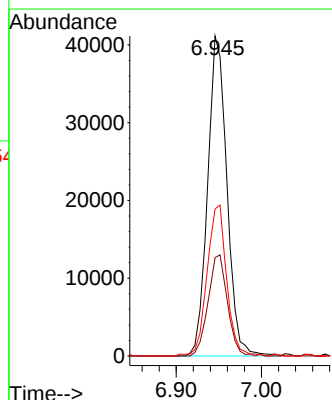
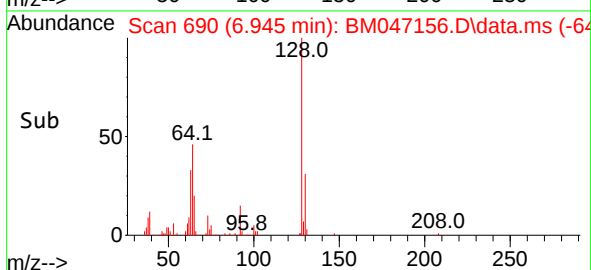
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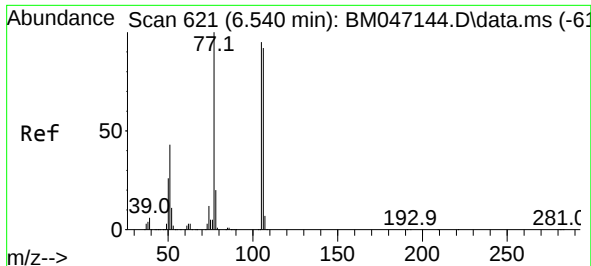


#8
2-Chlorophenol
Concen: 3.758 ng
RT: 6.945 min Scan# 690
Delta R.T. -0.006 min
Lab File: BM047156.D
Acq: 12 Aug 2024 14:25



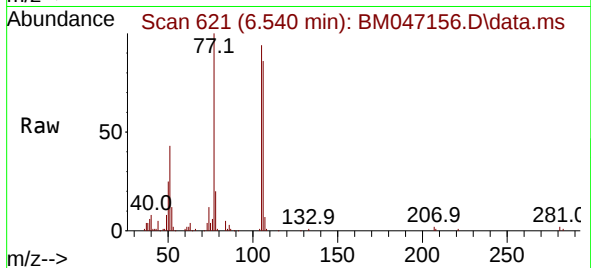
Tgt Ion:128 Resp: 64743
Ion Ratio Lower Upper
128 100
130 30.7 12.1 52.1
64 46.0 26.6 66.6





#9
Benzaldehyde
Concen: 3.812 ng m
RT: 6.540 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM047156.D
Acq: 12 Aug 2024 14:25

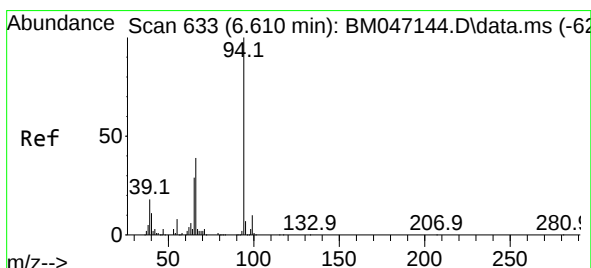
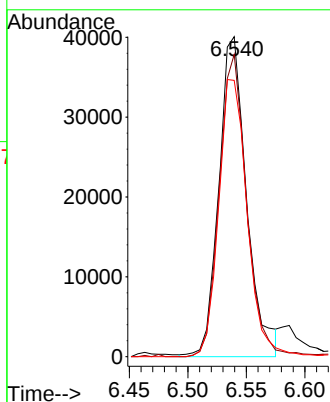
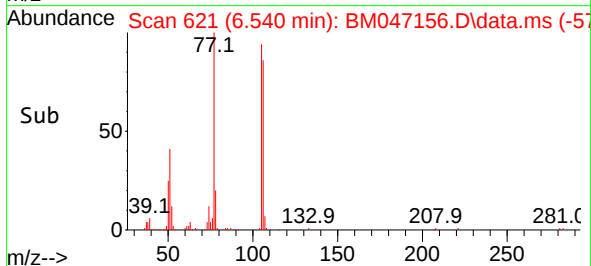
Instrument :
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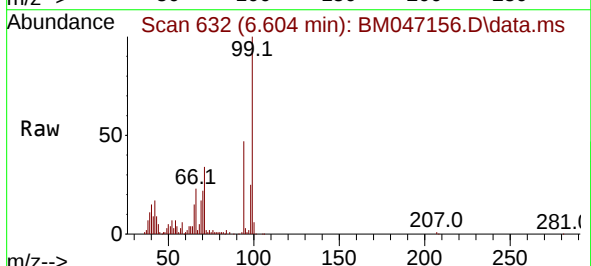
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Ion Ratio Lower Upper
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106 86.3 72.3 112.3

Manual Integrations
APPROVED

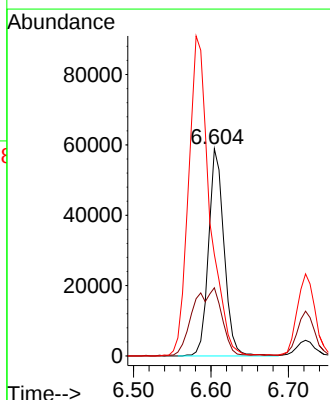
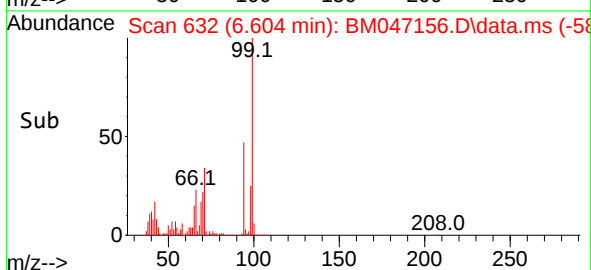
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024

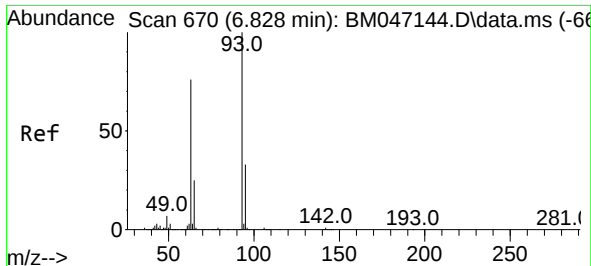


#10
Phenol
Concen: 3.764 ng
RT: 6.604 min Scan# 632
Delta R.T. -0.006 min
Lab File: BM047156.D
Acq: 12 Aug 2024 14:25



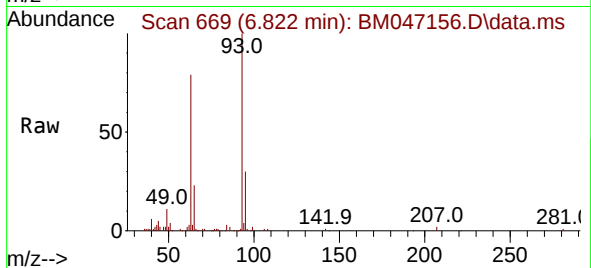
Tgt Ion: 94 Resp: 81760
Ion Ratio Lower Upper
94 100
65 32.9 9.0 49.0
66 49.0 18.9 58.9





#11
bis(2-Chloroethyl)ether
Concen: 3.978 ng
RT: 6.822 min Scan# 669
Delta R.T. -0.006 min
Lab File: BM047156.D
Acq: 12 Aug 2024 14:25

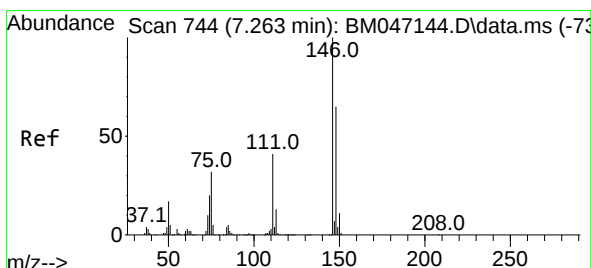
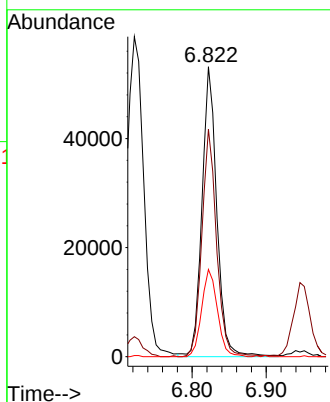
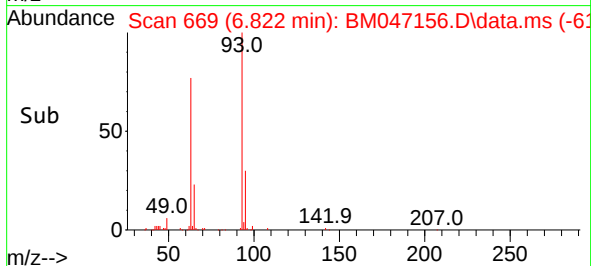
Instrument : BNA_M
ClientSampleId : LOD-MDL-WATER-01-QT3-2024



Tgt Ion: 93 Resp: 73980
Ion Ratio Lower Upper
93 100
63 78.5 55.8 95.8
95 30.1 12.7 52.7

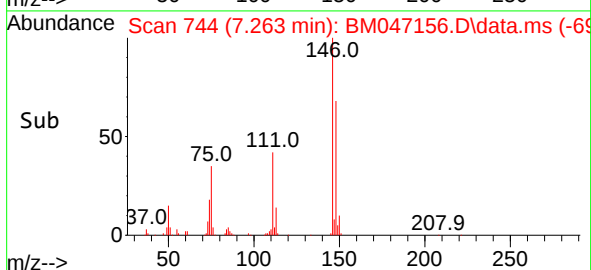
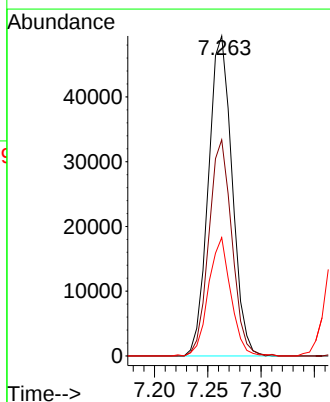
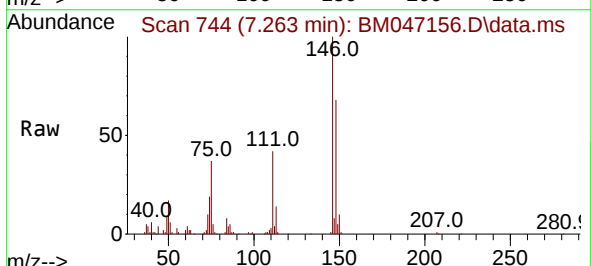
Manual Integrations
APPROVED

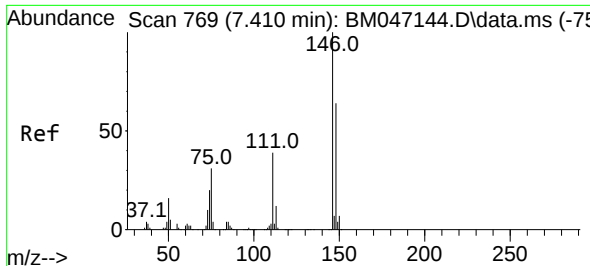
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024



#12
1,3-Dichlorobenzene
Concen: 3.731 ng
RT: 7.263 min Scan# 744
Delta R.T. -0.000 min
Lab File: BM047156.D
Acq: 12 Aug 2024 14:25

Tgt Ion:146 Resp: 76383
Ion Ratio Lower Upper
146 100
148 67.6 52.3 78.5
75 37.0 25.8 38.6





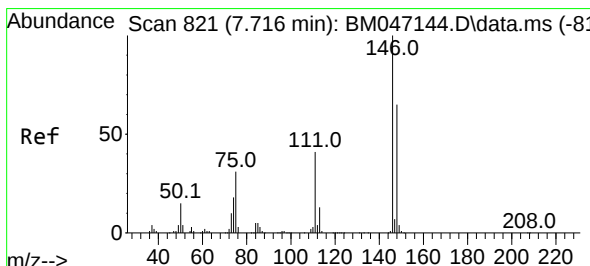
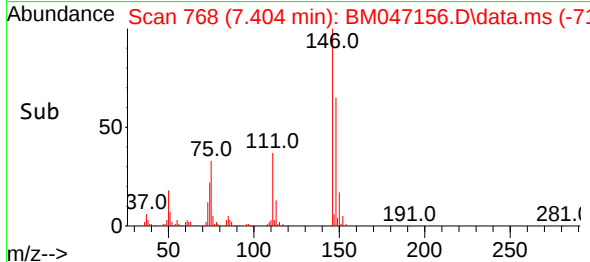
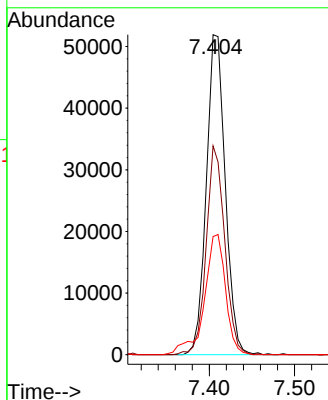
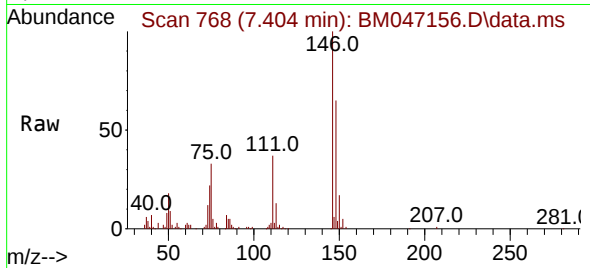
#13
1,4-Dichlorobenzene
Concen: 3.870 ng
RT: 7.404 min Scan# 769
Delta R.T. -0.006 min
Lab File: BM047156.D
Acq: 12 Aug 2024 14:25

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024

Tgt Ion:146 Resp: 80228
Ion Ratio Lower Upper
146 100
148 65.3 51.4 77.2
111 36.9 31.5 47.3

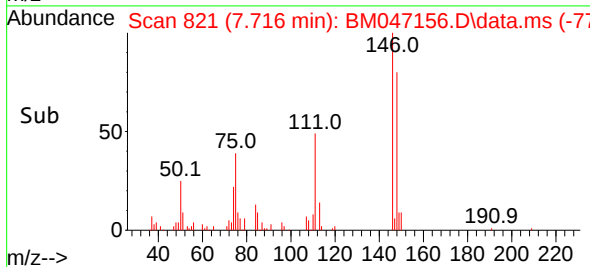
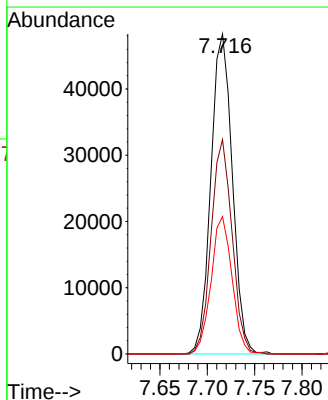
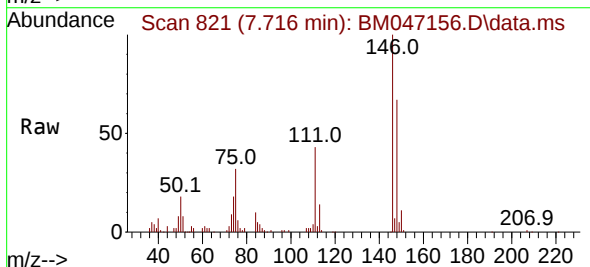
Manual Integrations
APPROVED

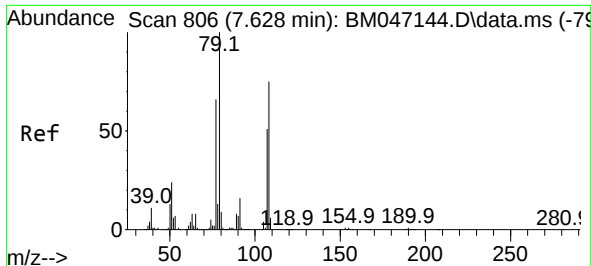
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024



#14
1,2-Dichlorobenzene
Concen: 3.888 ng
RT: 7.716 min Scan# 821
Delta R.T. -0.000 min
Lab File: BM047156.D
Acq: 12 Aug 2024 14:25

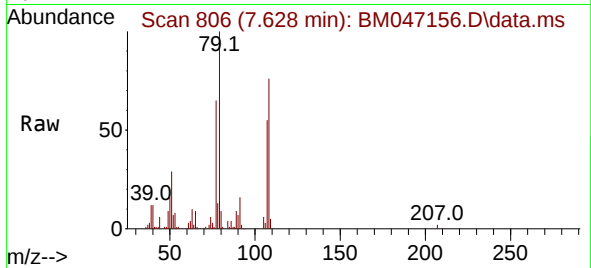
Tgt Ion:146 Resp: 76058
Ion Ratio Lower Upper
146 100
148 67.0 51.8 77.8
111 43.0 33.3 49.9





#15
Benzyl Alcohol
Concen: 4.208 ng
RT: 7.628 min Scan# 806
Delta R.T. -0.000 min
Lab File: BM047156.D
Acq: 12 Aug 2024 14:25

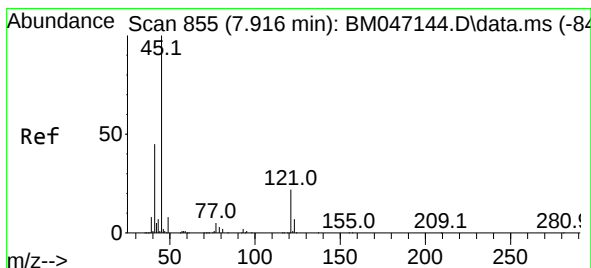
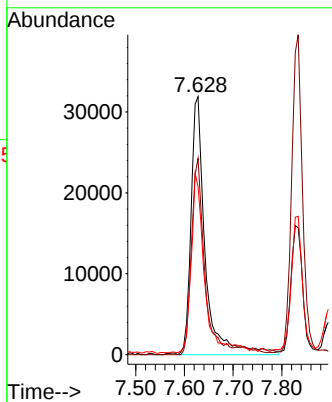
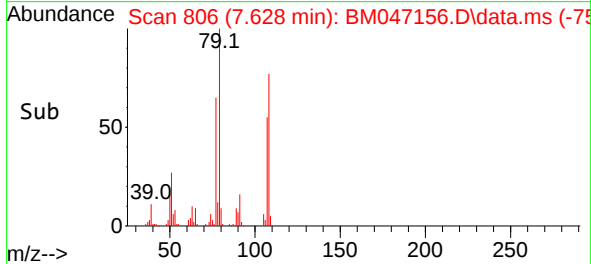
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



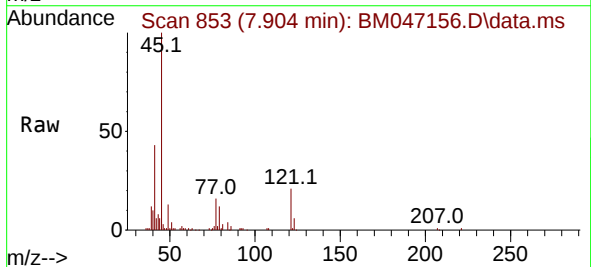
Tgt Ion: 79 Resp: 6519
Ion Ratio Lower Upper
79 100
108 76.1 59.7 89.5
77 65.1 52.9 79.3

Manual Integrations
APPROVED

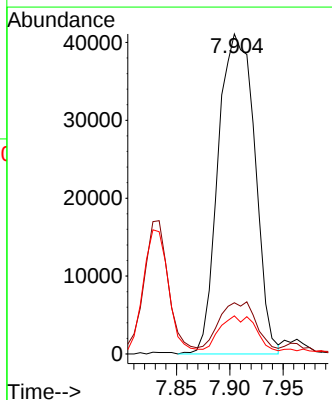
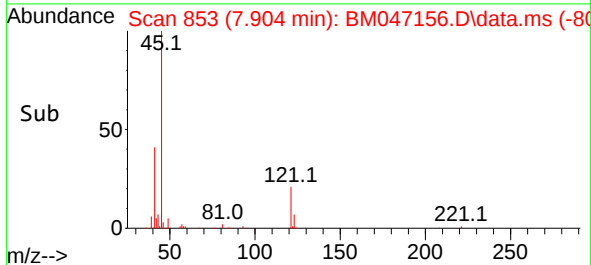
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024

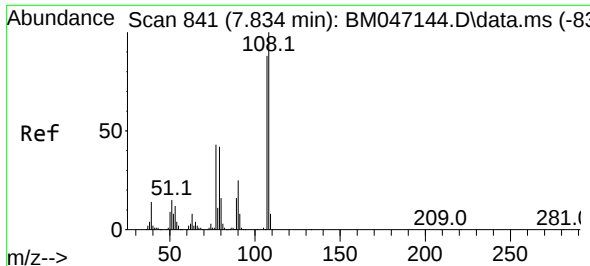


#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.103 ng
RT: 7.904 min Scan# 853
Delta R.T. -0.012 min
Lab File: BM047156.D
Acq: 12 Aug 2024 14:25



Tgt Ion: 45 Resp: 97925
Ion Ratio Lower Upper
45 100
77 16.0 0.0 35.6
79 11.9 0.0 32.4





#17

2-Methylphenol

Concen: 3.844 ng

RT: 7.828 min Scan# 841

Delta R.T. -0.006 min

Lab File: BM047156.D

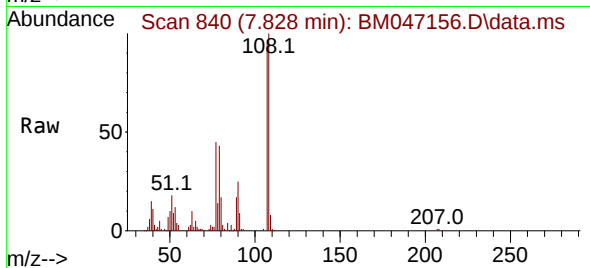
Acq: 12 Aug 2024 14:25

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2024



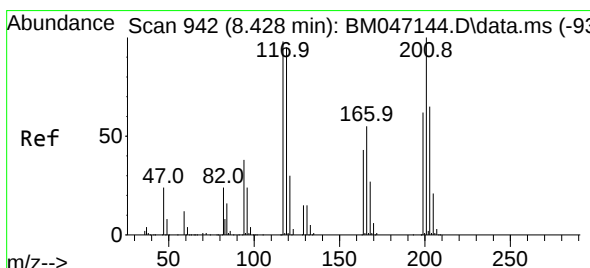
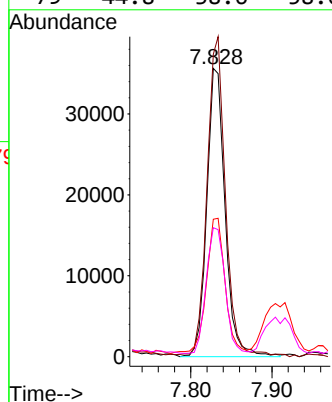
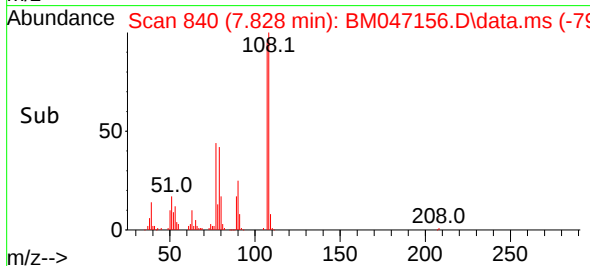
Tgt Ion:	107	Resp:	55690
Ion Ratio	Lower	Upper	
107	100		
108	104.9	90.6	135.8
77	47.7	39.3	58.9
79	44.8	38.6	58.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/13/2024

Supervised By :mohammad ahmed 08/14/2024



#18

Hexachloroethane

Concen: 3.695 ng

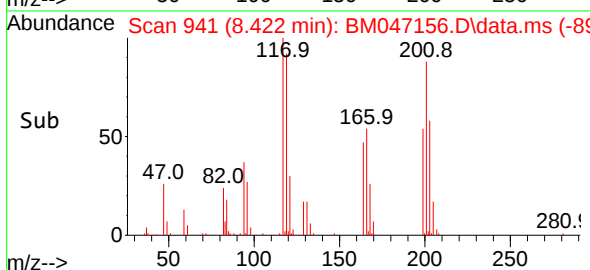
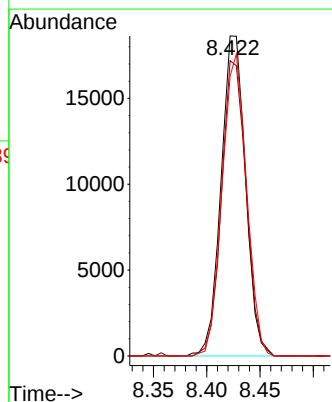
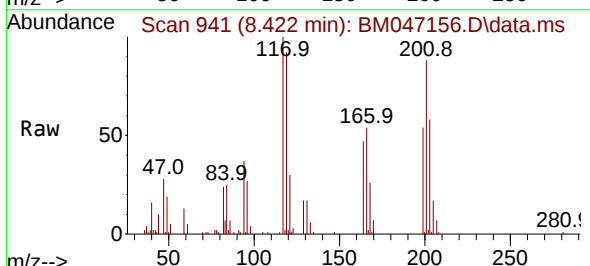
RT: 8.422 min Scan# 941

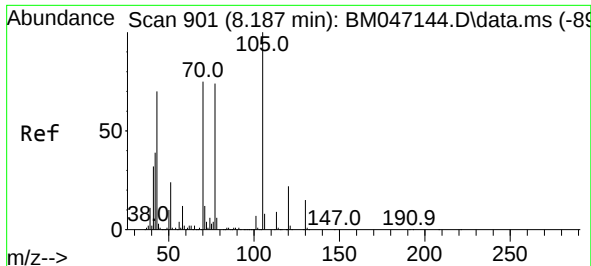
Delta R.T. -0.006 min

Lab File: BM047156.D

Acq: 12 Aug 2024 14:25

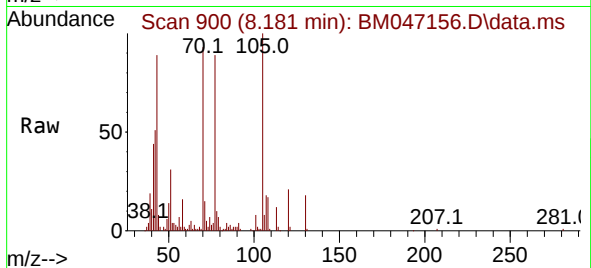
Tgt Ion:	117	Resp:	29668
Ion Ratio	Lower	Upper	
117	100		
119	92.3	77.0	115.4
201	87.5	81.3	121.9





#19
n-Nitroso-di-n-propylamine
Concen: 3.987 ng
RT: 8.181 min Scan# 901
Delta R.T. -0.006 min
Lab File: BM047156.D
Acq: 12 Aug 2024 14:25

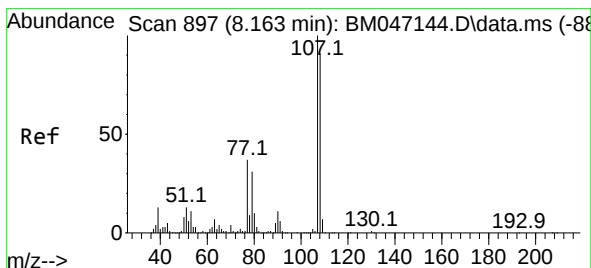
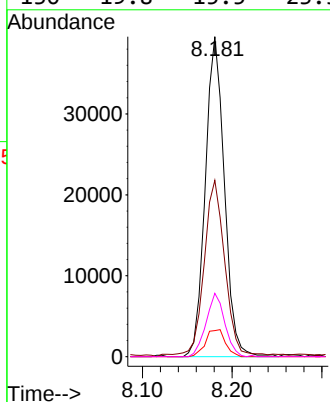
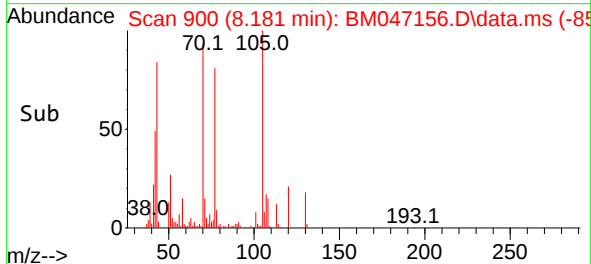
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



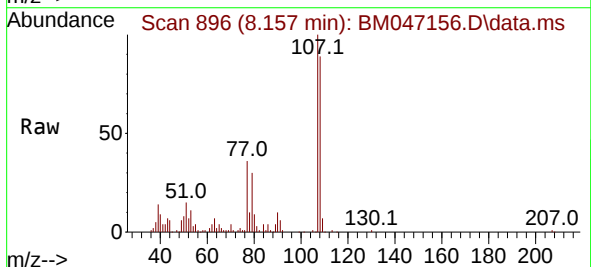
Tgt Ion: 70 Resp: 58454
Ion Ratio Lower Upper
70 100
42 55.1 42.0 63.0
101 8.2 7.2 10.8
130 19.8 15.5 23.3

Manual Integrations
APPROVED

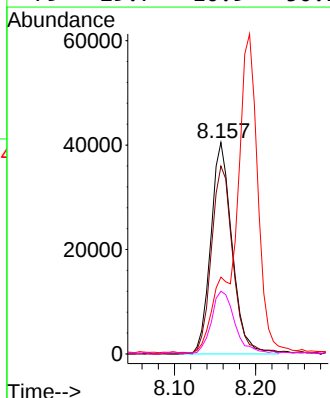
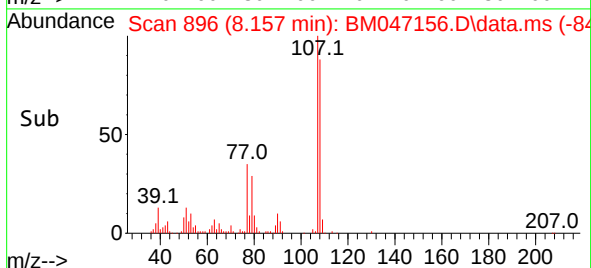
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024

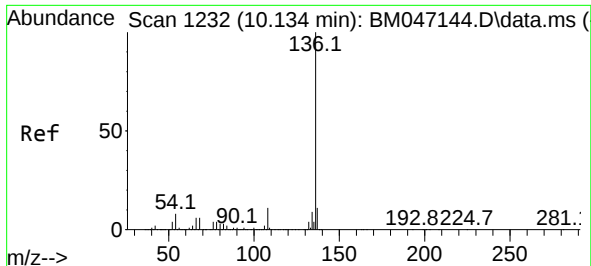


#20
3+4-Methylphenols
Concen: 3.644 ng
RT: 8.157 min Scan# 896
Delta R.T. -0.006 min
Lab File: BM047156.D
Acq: 12 Aug 2024 14:25



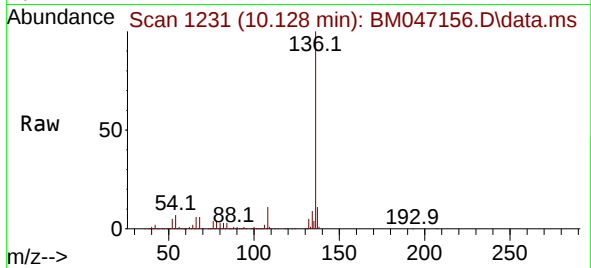
Tgt Ion:107 Resp: 73818
Ion Ratio Lower Upper
107 100
108 88.8 70.7 110.7
77 36.3 17.4 57.4
79 29.7 10.9 50.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.128 min Scan# 1231
Delta R.T. -0.006 min
Lab File: BM047156.D
Acq: 12 Aug 2024 14:25

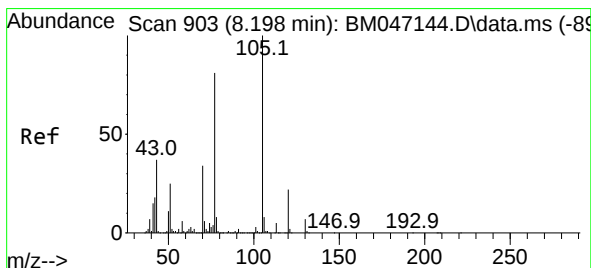
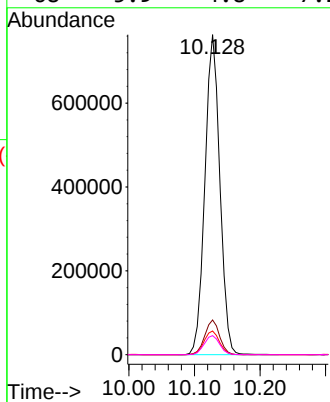
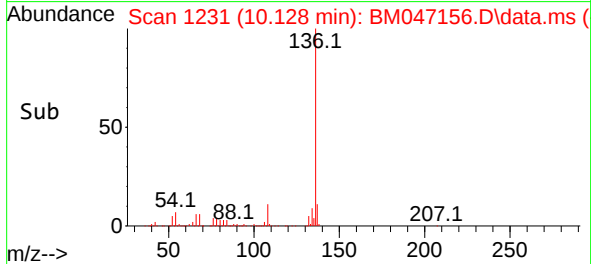
Instrument : BNA_M
ClientSampleId : LOD-MDL-WATER-01-QT3-2024



Tgt Ion:136 Resp: 1210415
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.4 6.0 9.0
68 5.9 4.8 7.2

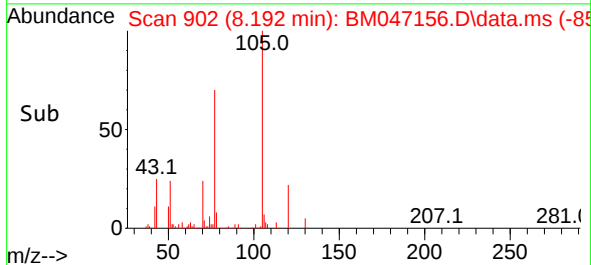
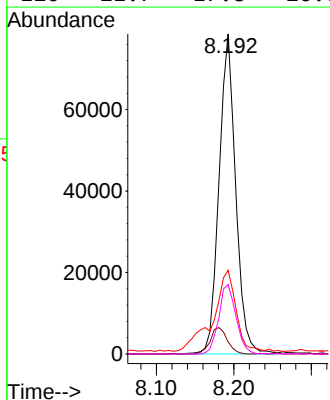
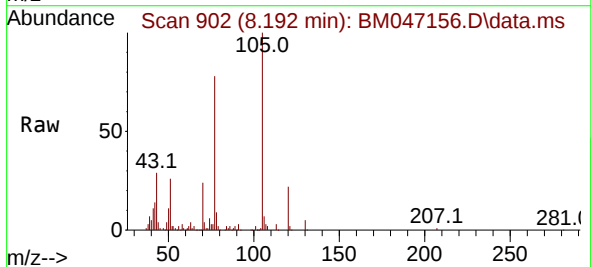
Manual Integrations
APPROVED

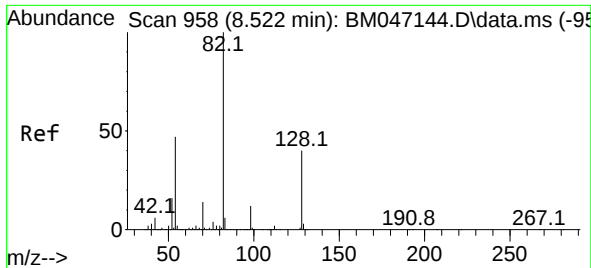
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024



#22
Acetophenone
Concen: 4.021 ng
RT: 8.192 min Scan# 902
Delta R.T. -0.006 min
Lab File: BM047156.D
Acq: 12 Aug 2024 14:25

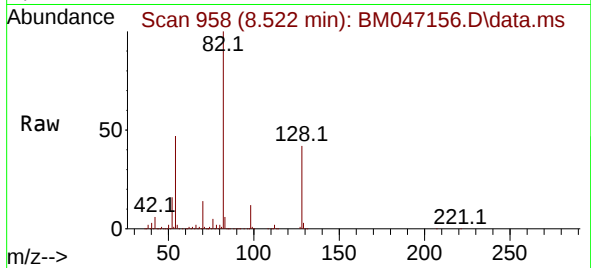
Tgt Ion:105 Resp: 117496
Ion Ratio Lower Upper
105 100
71 3.8 4.5 6.7#
51 26.2 20.1 30.1
120 21.7 17.8 26.6





#23
Nitrobenzene-d5
Concen: 75.859 ng
RT: 8.522 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM047156.D
Acq: 12 Aug 2024 14:25

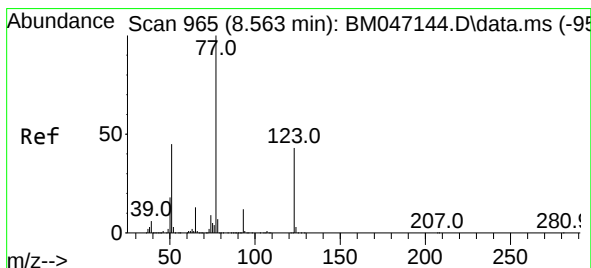
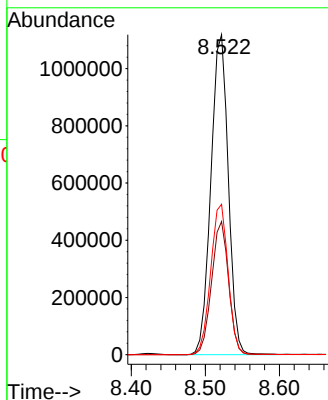
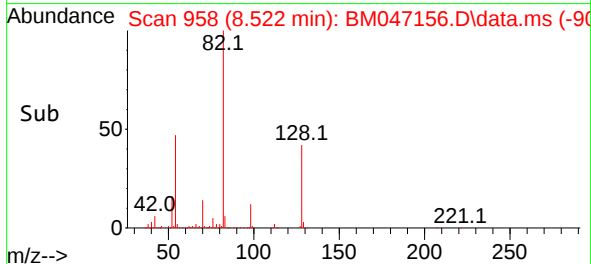
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



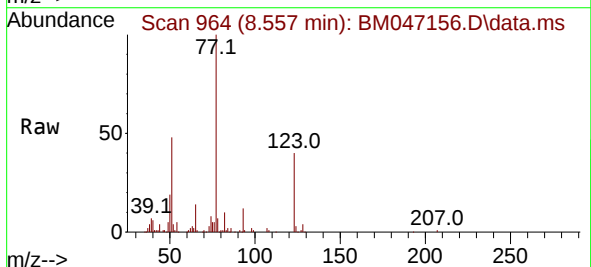
Tgt Ion: 82 Resp: 182352
Ion Ratio Lower Upper
82 100
128 41.6 32.3 48.5
54 47.0 37.4 56.2

Manual Integrations
APPROVED

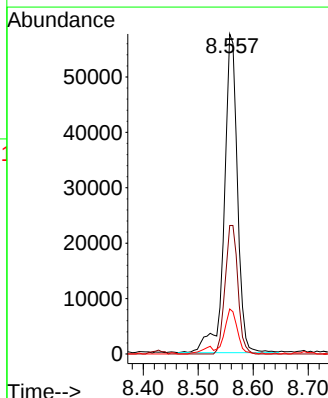
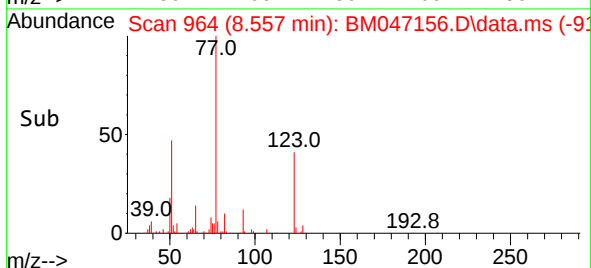
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024

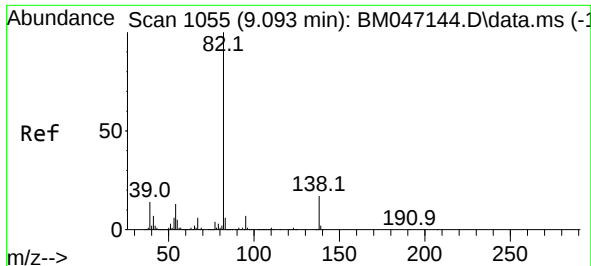


#24
Nitrobenzene
Concen: 3.972 ng
RT: 8.557 min Scan# 964
Delta R.T. -0.006 min
Lab File: BM047156.D
Acq: 12 Aug 2024 14:25



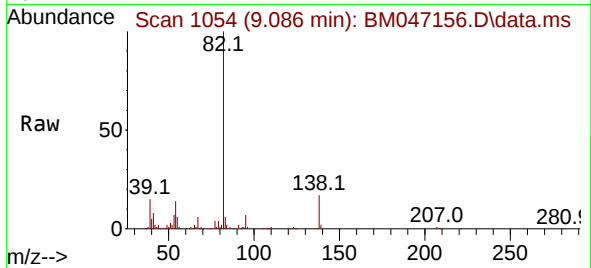
Tgt Ion: 77 Resp: 96145
Ion Ratio Lower Upper
77 100
123 40.1 34.0 51.0
65 14.0 10.5 15.7





#25
Isophorone
Concen: 3.807 ng
RT: 9.086 min Scan# 1054
Delta R.T. -0.006 min
Lab File: BM047156.D
Acq: 12 Aug 2024 14:25

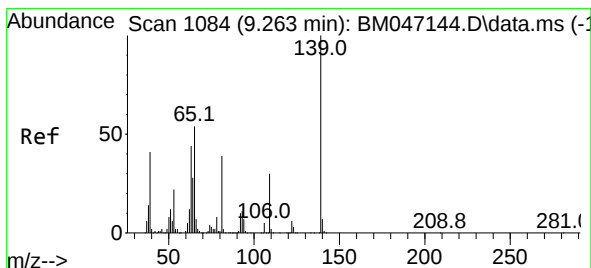
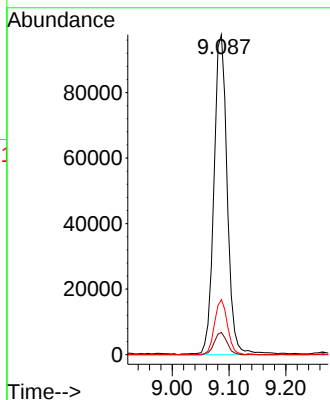
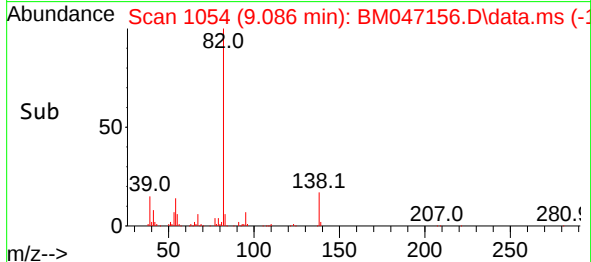
Instrument : BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



Tgt Ion: 82 Resp: 159340
Ion Ratio Lower Upper
82 100
95 7.0 5.5 8.3
138 17.2 13.5 20.3

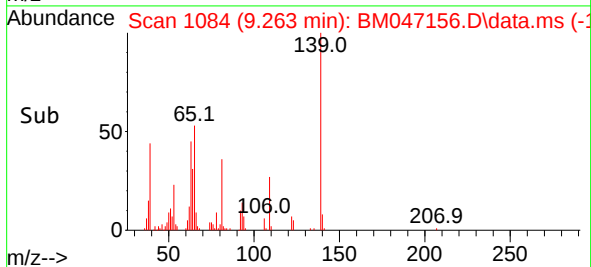
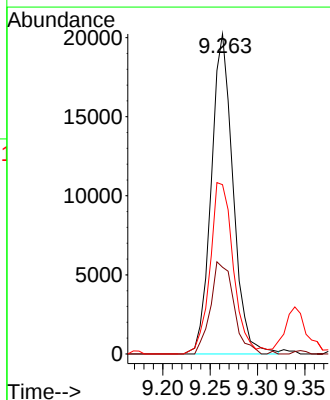
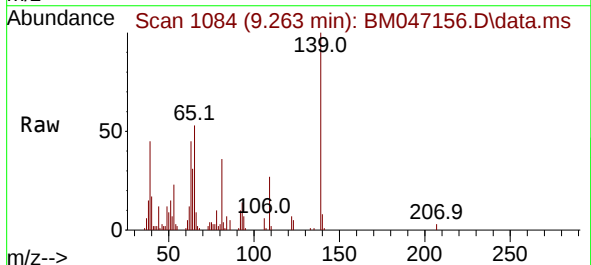
Manual Integrations
APPROVED

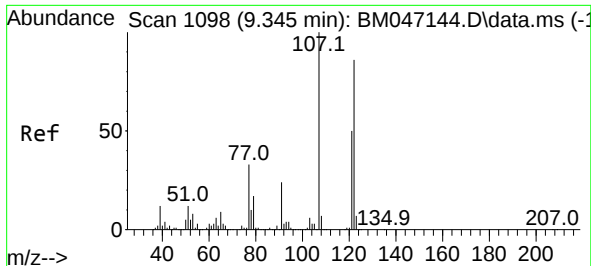
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024



#26
2-Nitrophenol
Concen: 3.020 ng
RT: 9.263 min Scan# 1084
Delta R.T. -0.000 min
Lab File: BM047156.D
Acq: 12 Aug 2024 14:25

Tgt Ion:139 Resp: 32378
Ion Ratio Lower Upper
139 100
109 27.1 24.4 36.6
65 52.9 43.0 64.6





#27

2,4-Dimethylphenol

Concen: 2.934 ng

RT: 9.339 min Scan# 1097

Delta R.T. -0.006 min

Lab File: BM047156.D

Acq: 12 Aug 2024 14:25

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2024

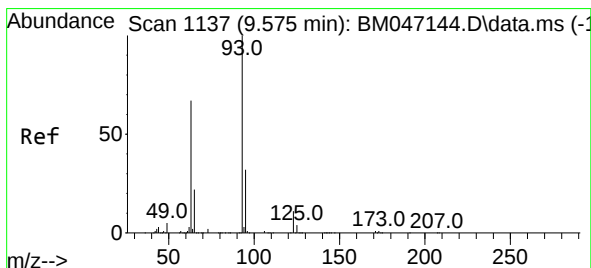
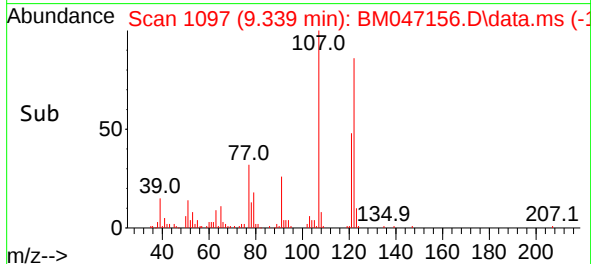
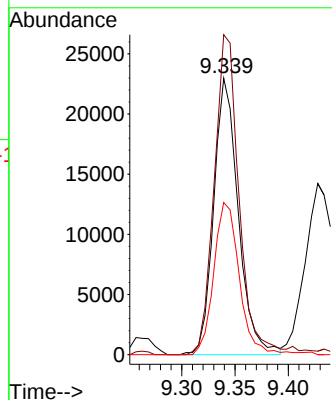
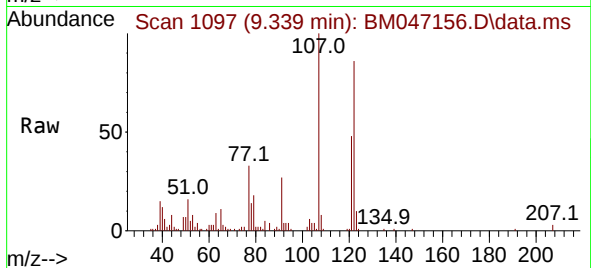
Tgt Ion:	122	Resp:	3684
Ion Ratio	Lower	Upper	
122	100		
107	115.7	92.8	139.2
121	55.1	46.1	69.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/13/2024

Supervised By :mohammad ahmed 08/14/2024



#28

bis(2-Chloroethoxy)methane

Concen: 3.748 ng

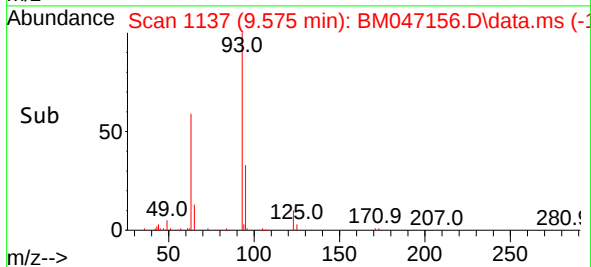
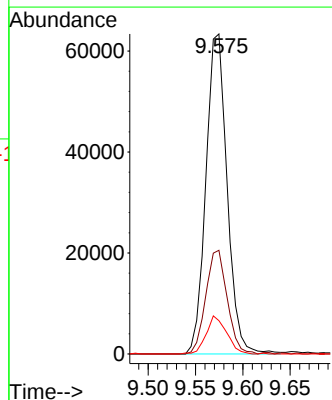
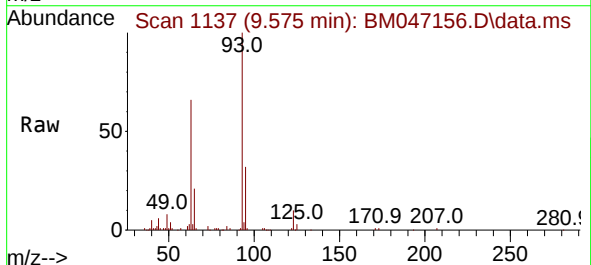
RT: 9.575 min Scan# 1137

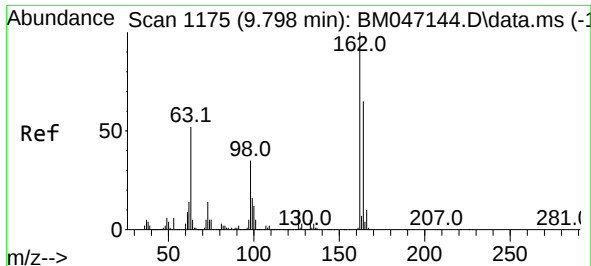
Delta R.T. -0.000 min

Lab File: BM047156.D

Acq: 12 Aug 2024 14:25

Tgt Ion:	93	Resp:	98698
Ion Ratio	Lower	Upper	
93	100		
95	32.4	25.8	38.8
123	10.4	9.0	13.4





#29

2,4-Dichlorophenol

Concen: 3.308 ng

RT: 9.798 min Scan# 1175

Delta R.T. -0.000 min

Lab File: BM047156.D

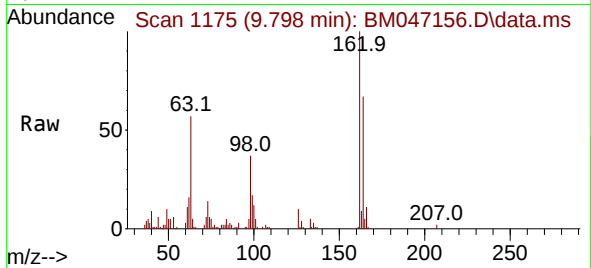
Acq: 12 Aug 2024 14:25

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2024



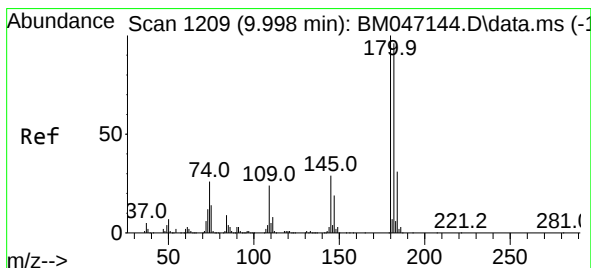
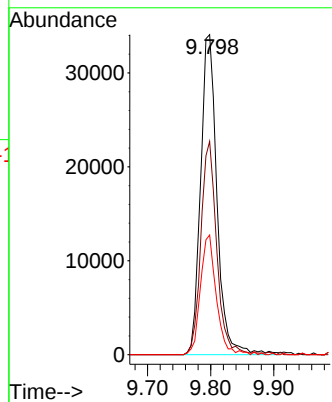
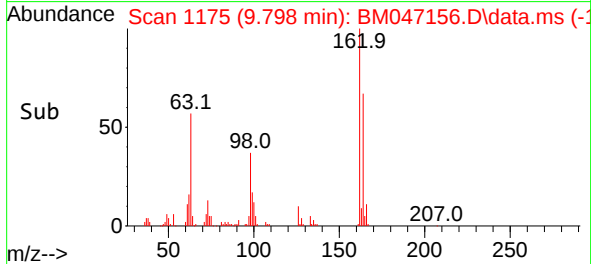
Tgt Ion:162	Resp:	61630
Ion Ratio	Lower	Upper
162	100	
164	66.7	44.7 84.7
98	37.4	14.9 54.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/13/2024

Supervised By :mohammad ahmed 08/14/2024



#30

1,2,4-Trichlorobenzene

Concen: 3.638 ng

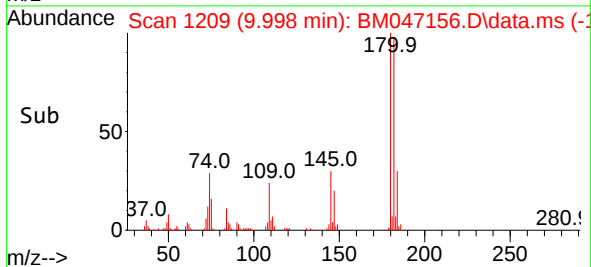
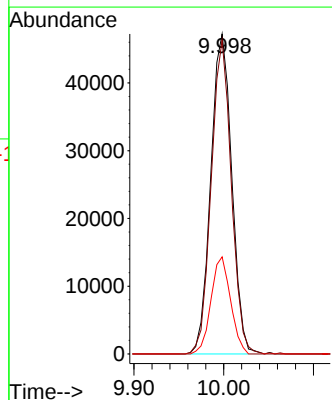
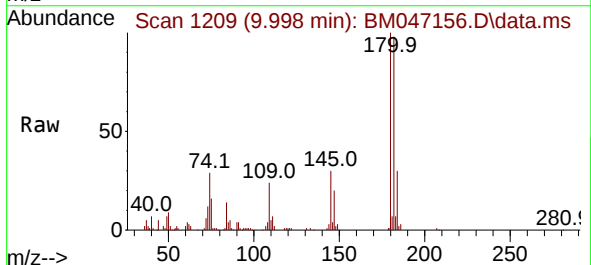
RT: 9.998 min Scan# 1209

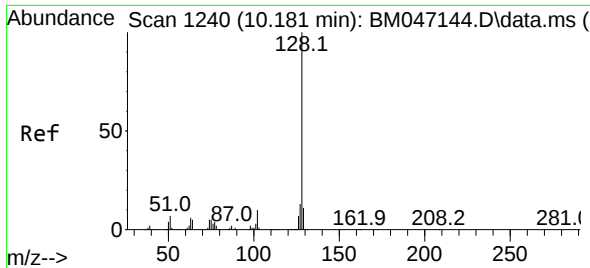
Delta R.T. -0.000 min

Lab File: BM047156.D

Acq: 12 Aug 2024 14:25

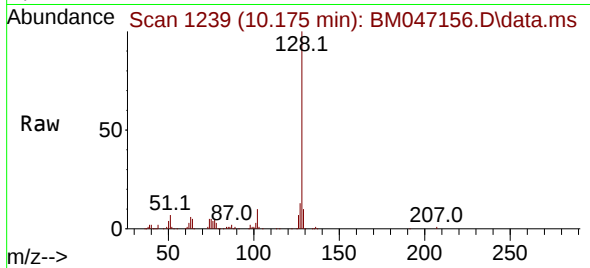
Tgt Ion:180	Resp:	76706
Ion Ratio	Lower	Upper
180	100	
182	98.1	76.6 115.0
145	30.4	23.4 35.2





#31
Naphthalene
Concen: 3.777 ng
RT: 10.175 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BM047156.D
Acq: 12 Aug 2024 14:25

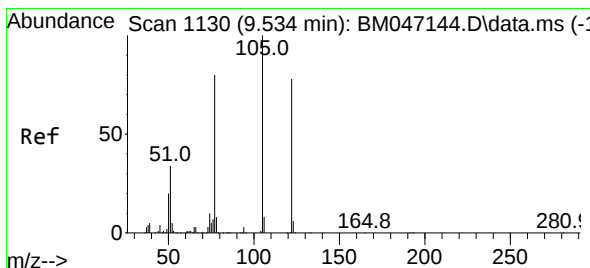
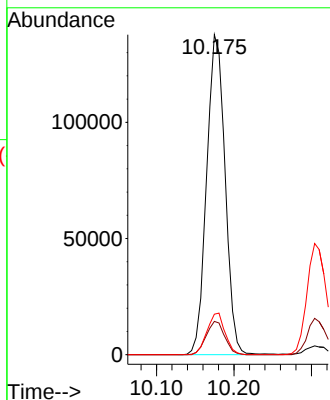
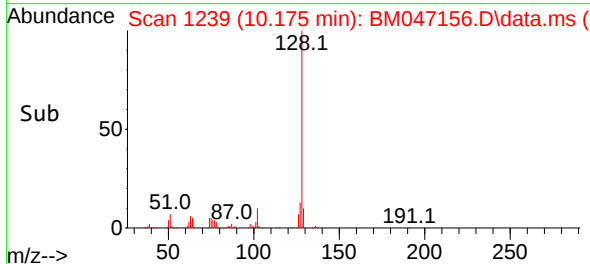
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



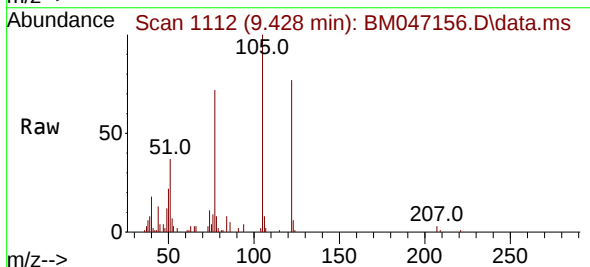
Tgt Ion:128 Resp: 22776
Ion Ratio Lower Upper
128 100
129 10.4 8.6 13.0
127 12.7 10.2 15.4

Manual Integrations
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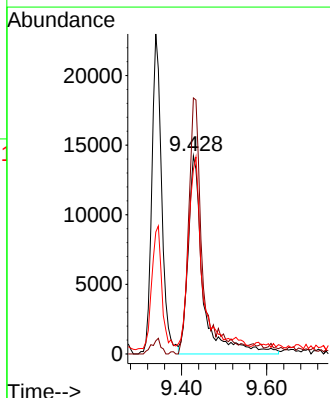
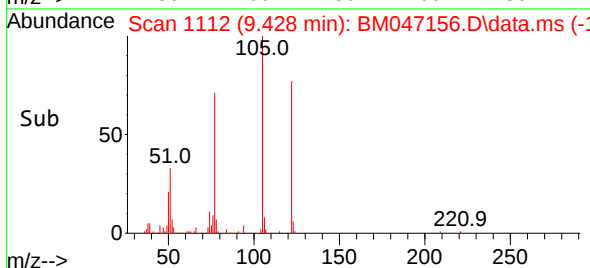
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024

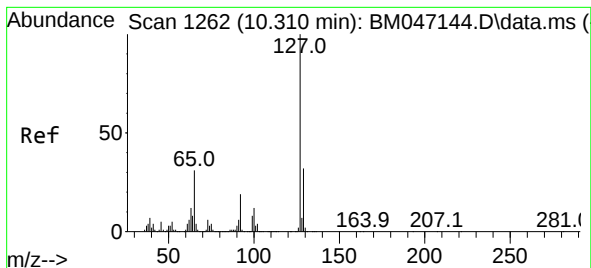


#32
Benzoic acid
Concen: 2.359 ng m
RT: 9.428 min Scan# 1112
Delta R.T. -0.106 min
Lab File: BM047156.D
Acq: 12 Aug 2024 14:25



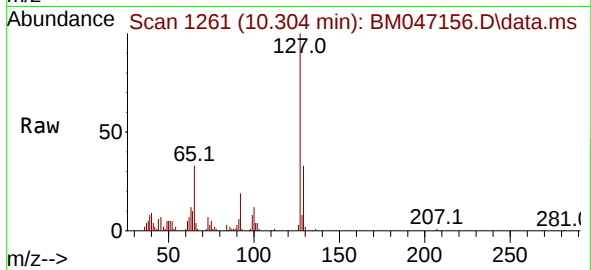
Tgt Ion:122 Resp: 34411
Ion Ratio Lower Upper
122 100
105 129.2 107.1 147.1
77 93.2 82.1 122.1





#33
4-Chloroaniline
Concen: 3.791 ng
RT: 10.304 min Scan# 1261
Delta R.T. -0.006 min
Lab File: BM047156.D
Acq: 12 Aug 2024 14:25

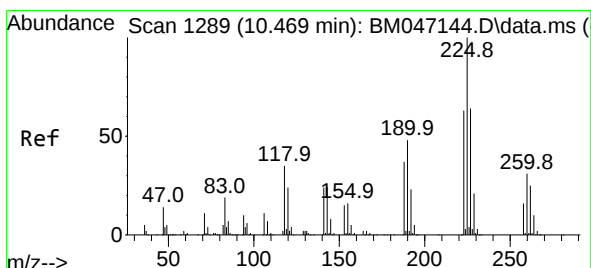
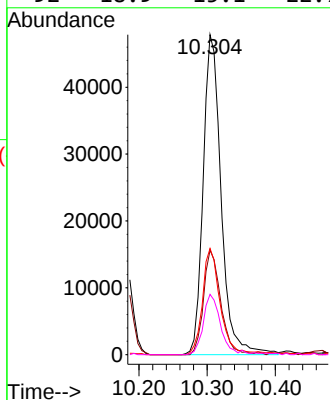
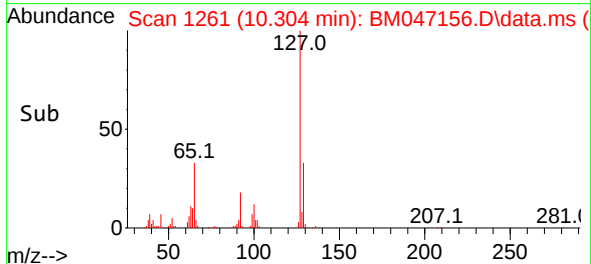
Instrument : BNA_M
ClientSampleId : LOD-MDL-WATER-01-QT3-2024



Tgt Ion:	127	Resp:	87900
Ion Ratio	Lower	Upper	
127	100		
129	32.7	25.8	38.8
65	33.2	24.9	37.3
92	18.9	15.1	22.7

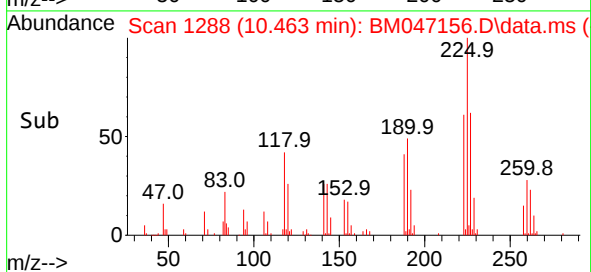
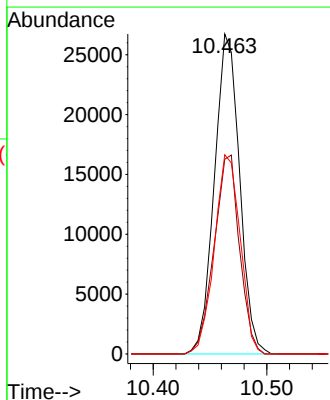
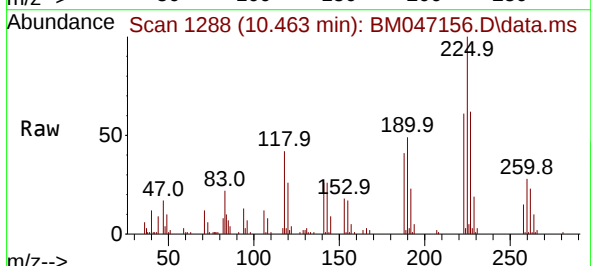
Manual Integrations
APPROVED

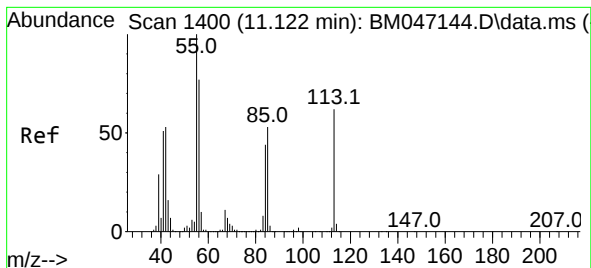
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024



#34
Hexachlorobutadiene
Concen: 3.341 ng
RT: 10.463 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BM047156.D
Acq: 12 Aug 2024 14:25

Tgt Ion:	225	Resp:	41231
Ion Ratio	Lower	Upper	
225	100		
223	60.8	50.2	75.2
227	62.2	51.4	77.0





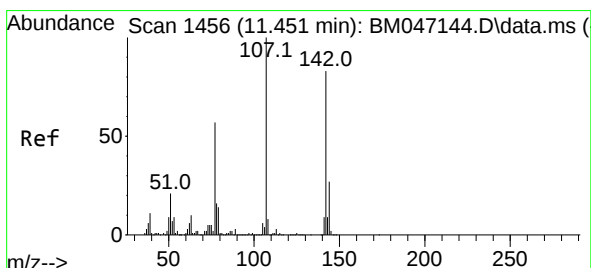
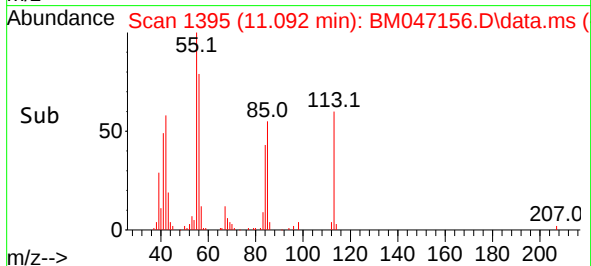
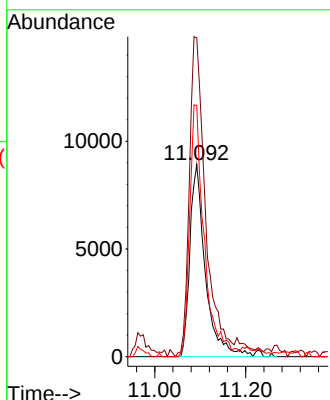
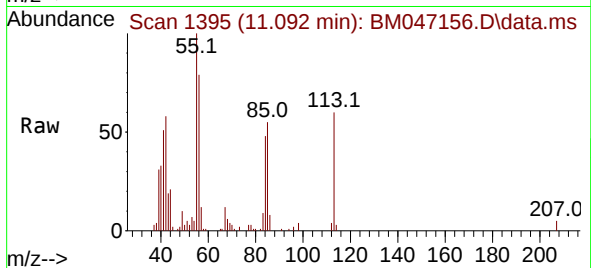
#35
 Caprolactam
 Concen: 3.300 ng m
 RT: 11.092 min Scan# 1135
 Delta R.T. -0.030 min
 Lab File: BM047156.D
 Acq: 12 Aug 2024 14:25

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2024

Tgt Ion:113 Resp: 2135
 Ion Ratio Lower Upper
 113 100
 55 165.8 140.5 180.5
 56 130.6 103.6 143.6

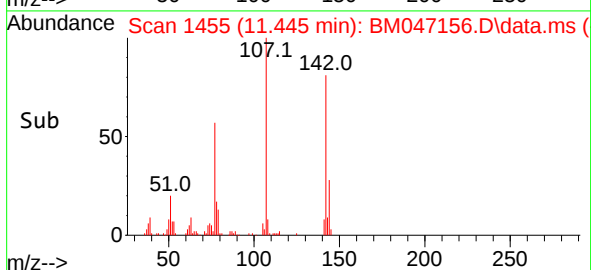
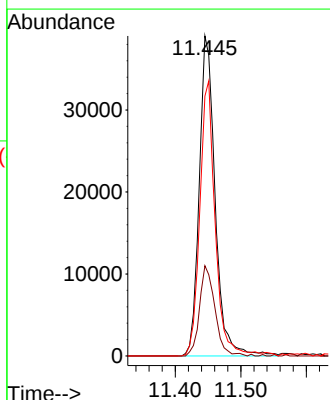
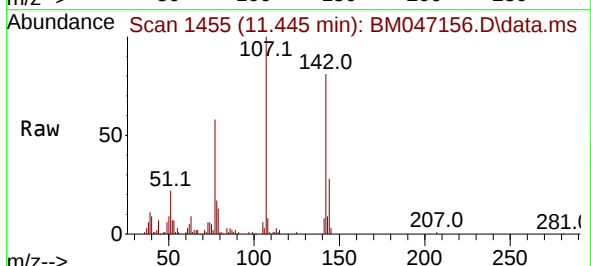
Manual Integrations
 APPROVED

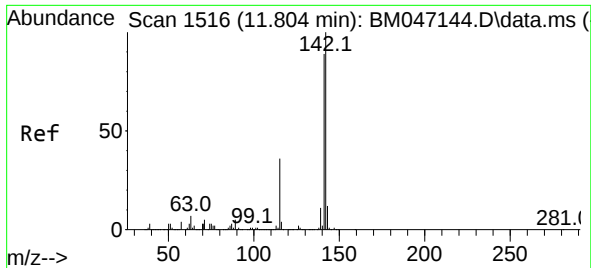
Reviewed By :Yogesh Patel 08/13/2024
 Supervised By :mohammad ahmed 08/14/2024



#36
 4-Chloro-3-methylphenol
 Concen: 3.333 ng
 RT: 11.445 min Scan# 1455
 Delta R.T. -0.006 min
 Lab File: BM047156.D
 Acq: 12 Aug 2024 14:25

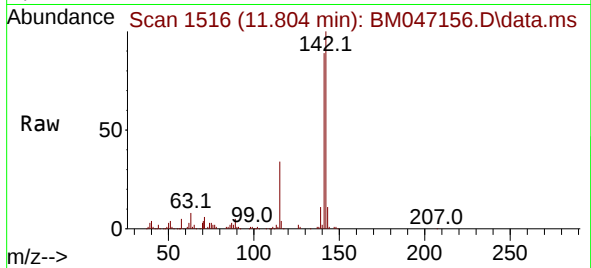
Tgt Ion:107 Resp: 66134
 Ion Ratio Lower Upper
 107 100
 144 28.2 21.8 32.6
 142 81.2 66.8 100.2





#37
2-Methylnaphthalene
Concen: 3.644 ng
RT: 11.804 min Scan# 1516
Delta R.T. -0.000 min
Lab File: BM047156.D
Acq: 12 Aug 2024 14:25

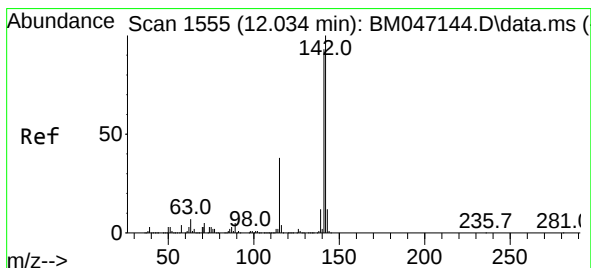
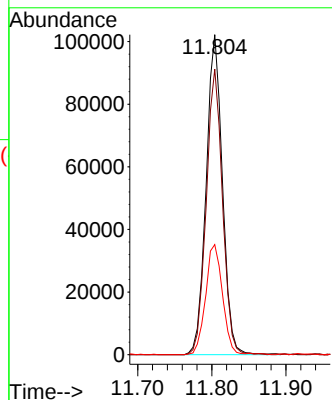
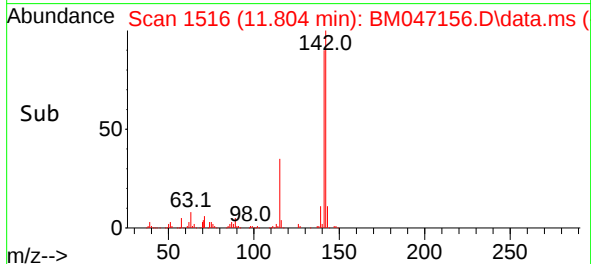
Instrument : BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



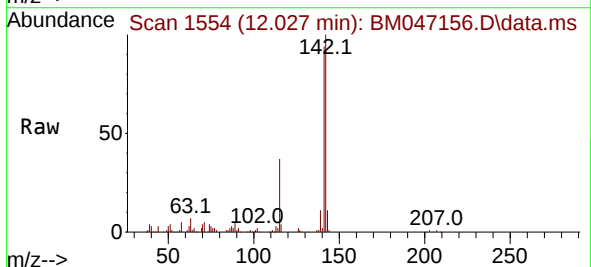
Tgt Ion:142 Resp: 15645
Ion Ratio Lower Upper
142 100
141 89.3 70.9 106.3
115 34.4 28.7 43.1

Manual Integrations
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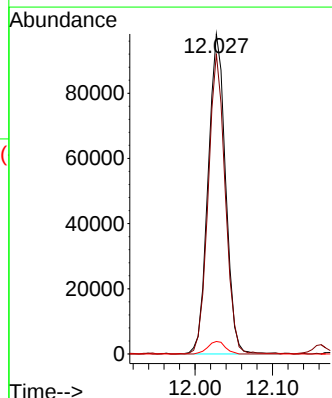
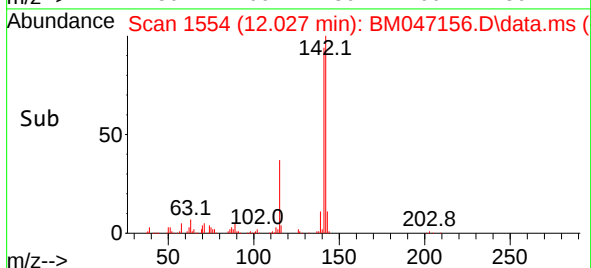
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024

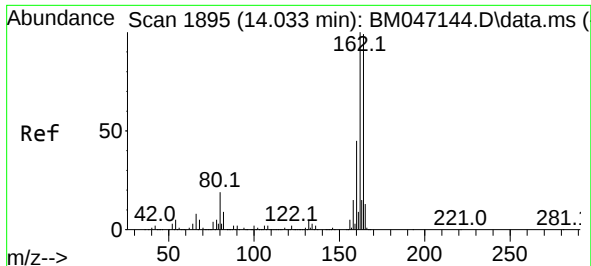


#38
1-Methylnaphthalene
Concen: 3.631 ng
RT: 12.027 min Scan# 1554
Delta R.T. -0.006 min
Lab File: BM047156.D
Acq: 12 Aug 2024 14:25



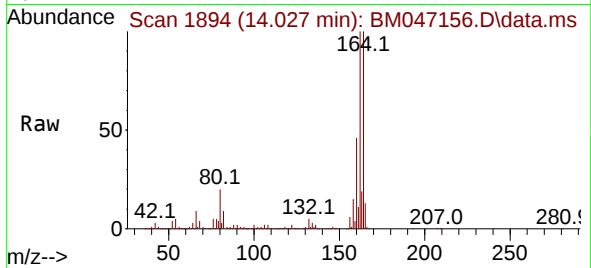
Tgt Ion:142 Resp: 154052
Ion Ratio Lower Upper
142 100
141 93.8 74.6 111.8
116 3.9 3.1 4.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.027 min Scan# 1894
Delta R.T. -0.006 min
Lab File: BM047156.D
Acq: 12 Aug 2024 14:25

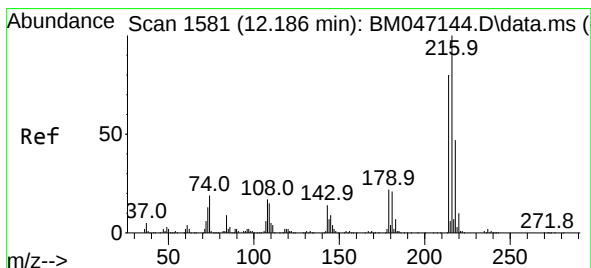
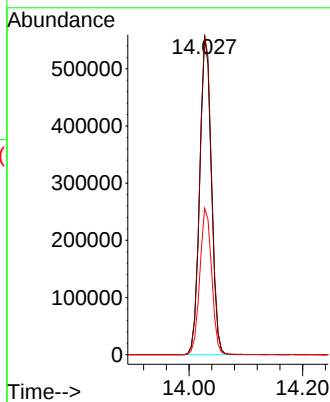
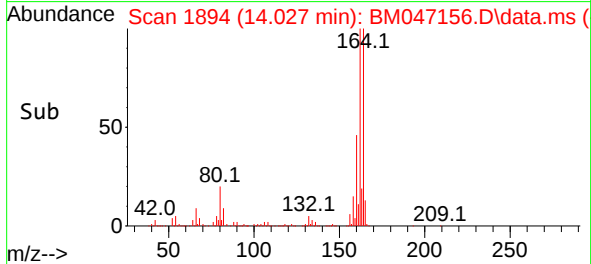
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



Tgt Ion:164 Resp: 78967
Ion Ratio Lower Upper
164 100
162 100.5 80.7 121.1
160 46.0 36.0 54.0

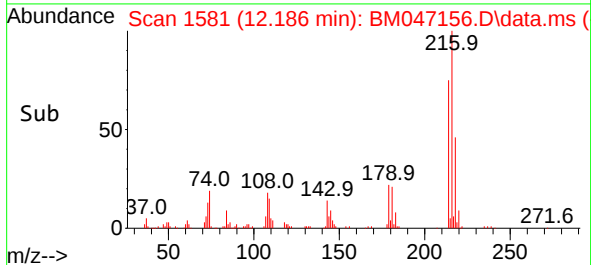
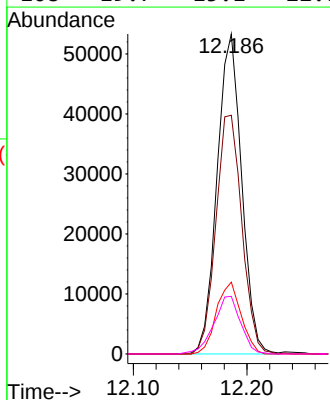
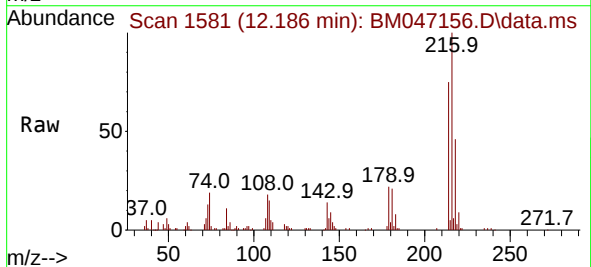
Manual Integrations
APPROVED

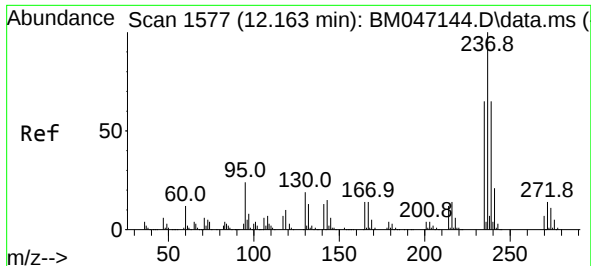
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 3.725 ng
RT: 12.186 min Scan# 1581
Delta R.T. -0.000 min
Lab File: BM047156.D
Acq: 12 Aug 2024 14:25

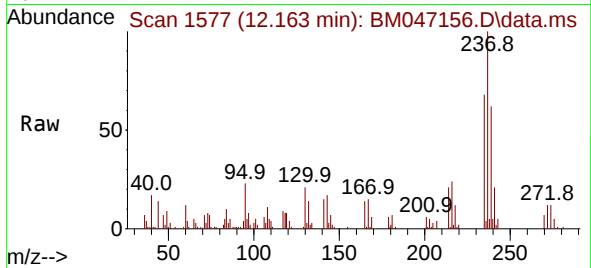
Tgt Ion:216 Resp: 80237
Ion Ratio Lower Upper
216 100
214 78.7 63.4 95.2
179 22.5 17.6 26.4
108 19.7 15.1 22.7





#41
Hexachlorocyclopentadiene
Concen: 3.687 ng
RT: 12.163 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM047156.D
Acq: 12 Aug 2024 14:25

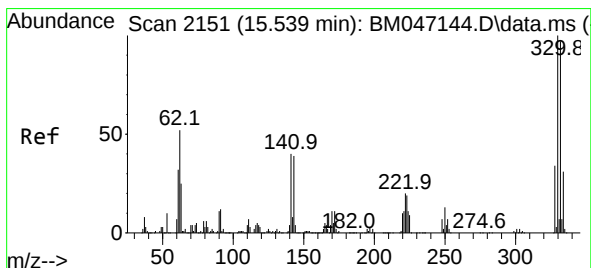
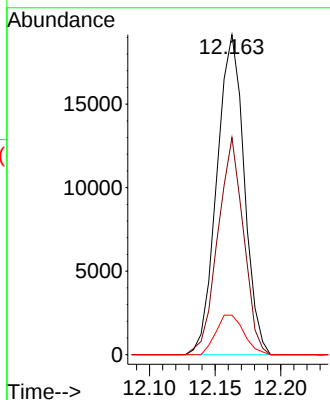
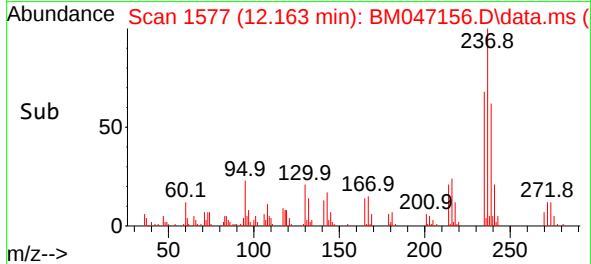
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



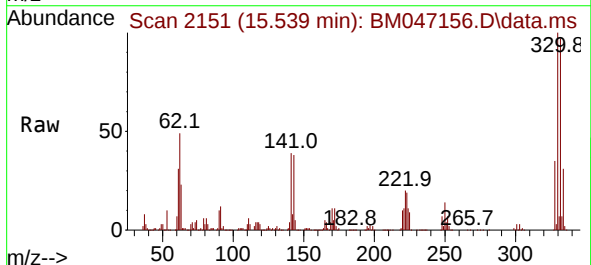
Tgt Ion: 237 Resp: 2773
Ion Ratio Lower Upper
237 100
235 67.9 44.8 84.8
272 12.3 0.0 33.5

Manual Integrations
APPROVED

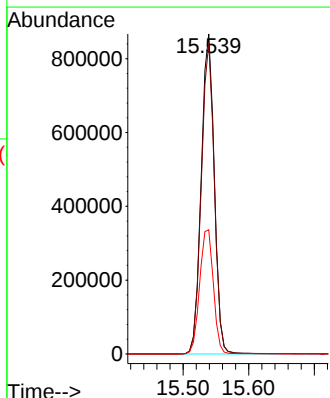
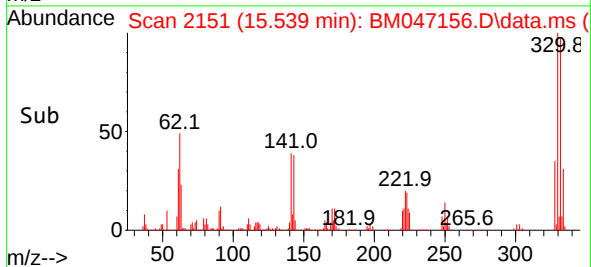
Reviewed By : Yogesh Patel 08/13/2024
Supervised By : mohammad ahmed 08/14/2024

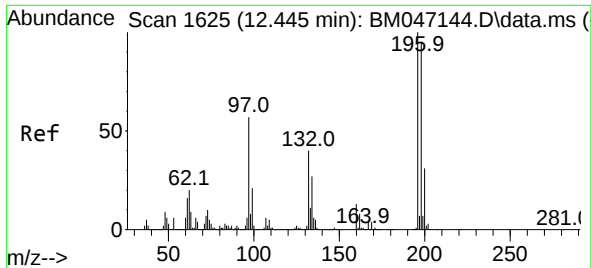


#42
2,4,6-Tribromophenol
Concen: 131.653 ng
RT: 15.539 min Scan# 2151
Delta R.T. -0.000 min
Lab File: BM047156.D
Acq: 12 Aug 2024 14:25



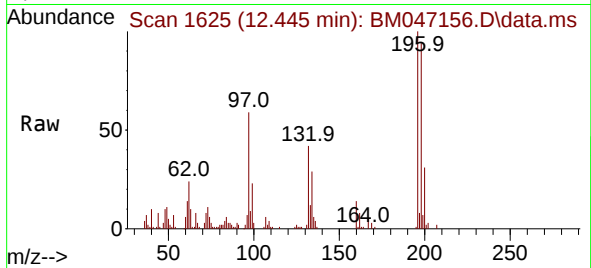
Tgt Ion: 330 Resp: 1205469
Ion Ratio Lower Upper
330 100
332 96.6 77.4 116.2
141 40.8 31.6 47.4





#43
2,4,6-Trichlorophenol
Concen: 3.199 ng
RT: 12.445 min Scan# 1625
Delta R.T. -0.000 min
Lab File: BM047156.D
Acq: 12 Aug 2024 14:25

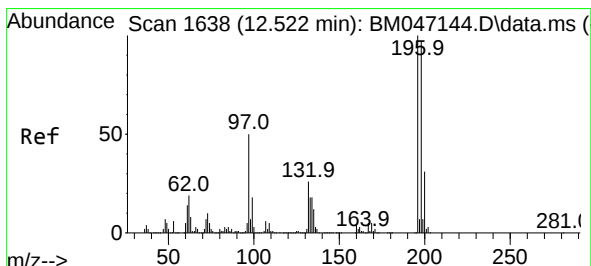
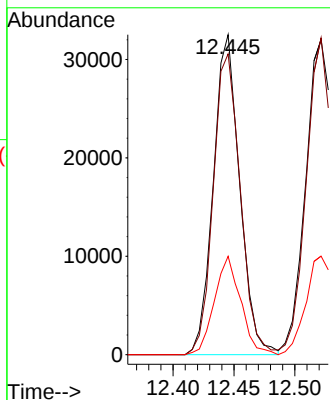
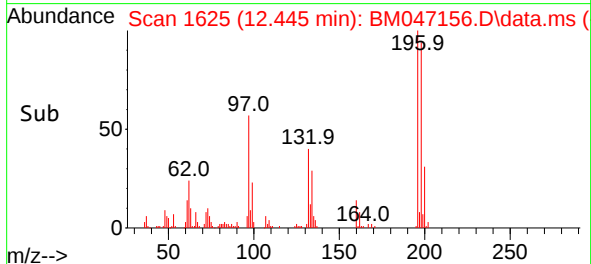
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



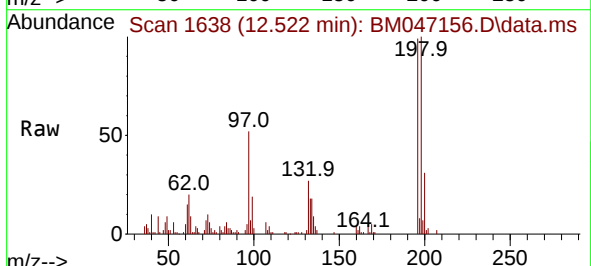
Tgt Ion:196 Resp: 48978
Ion Ratio Lower Upper
196 100
198 94.0 75.6 113.4
200 30.8 24.6 37.0

Manual Integrations
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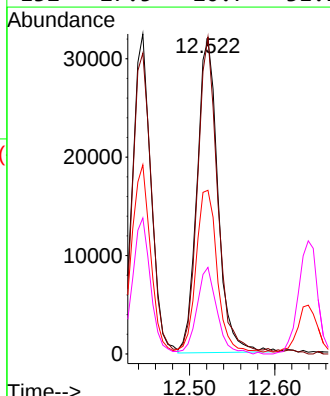
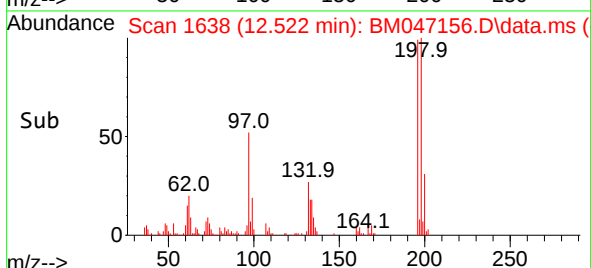
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024

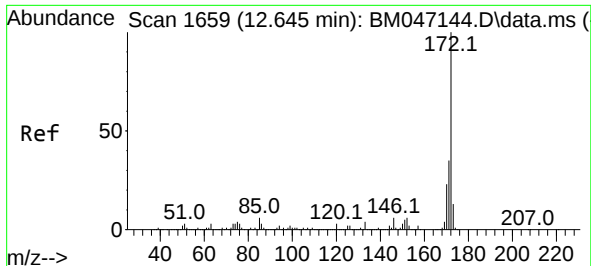


#44
2,4,5-Trichlorophenol
Concen: 3.202 ng
RT: 12.522 min Scan# 1638
Delta R.T. -0.000 min
Lab File: BM047156.D
Acq: 12 Aug 2024 14:25



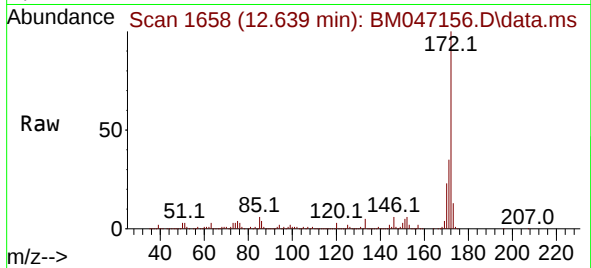
Tgt Ion:196 Resp: 54429
Ion Ratio Lower Upper
196 100
198 100.5 77.7 116.5
97 52.0 39.8 59.8
132 27.5 20.7 31.1





#45
2-Fluorobiphenyl
Concen: 76.891 ng
RT: 12.639 min Scan# 1658
Delta R.T. -0.006 min
Lab File: BM047156.D
Acq: 12 Aug 2024 14:25

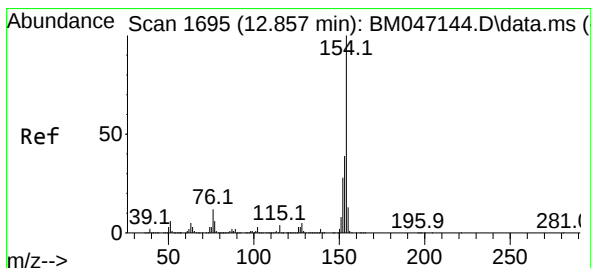
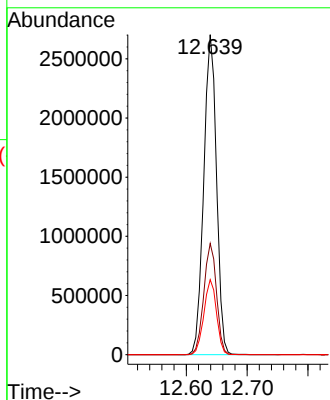
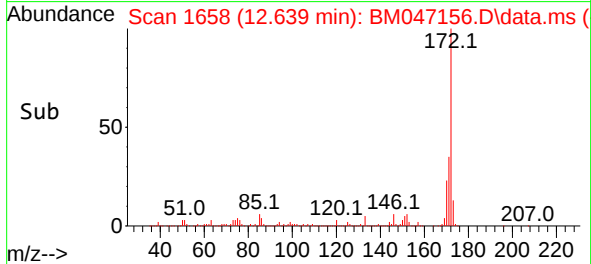
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



Tgt Ion:172 Resp: 393631
Ion Ratio Lower Upper
172 100
171 34.8 27.8 41.6
170 23.5 18.7 28.1

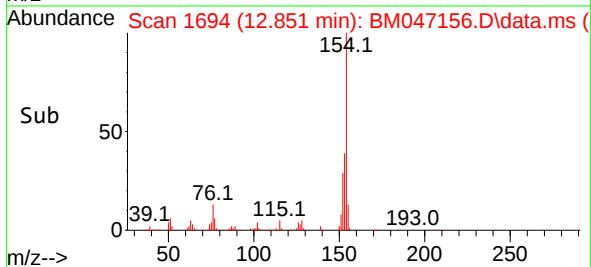
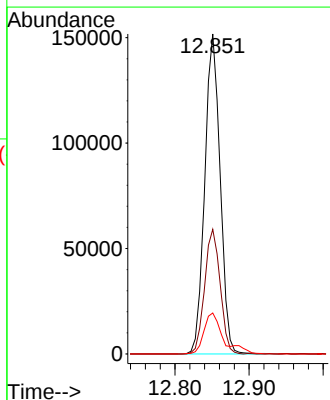
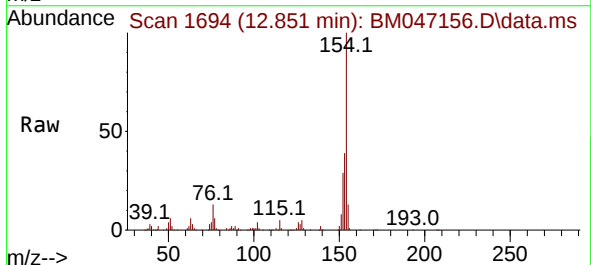
Manual Integrations
APPROVED

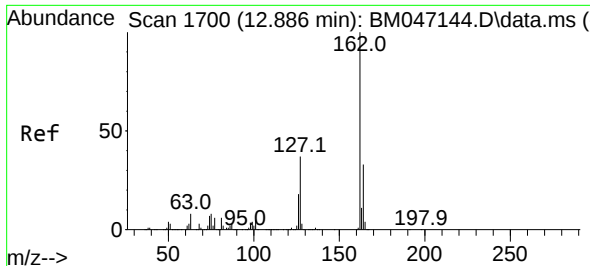
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024



#46
1,1'-Biphenyl
Concen: 3.890 ng
RT: 12.851 min Scan# 1694
Delta R.T. -0.006 min
Lab File: BM047156.D
Acq: 12 Aug 2024 14:25

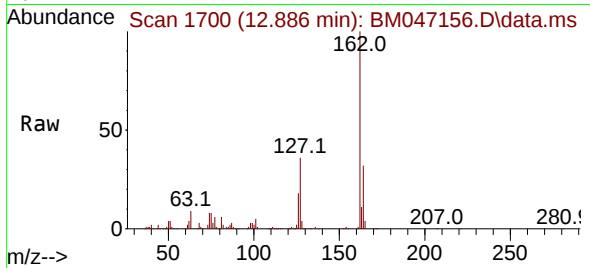
Tgt Ion:154 Resp: 218671
Ion Ratio Lower Upper
154 100
153 38.9 19.0 59.0
76 12.8 0.0 31.9





#47
2-Chloronaphthalene
Concen: 3.911 ng
RT: 12.886 min Scan# 1700
Delta R.T. -0.000 min
Lab File: BM047156.D
Acq: 12 Aug 2024 14:25

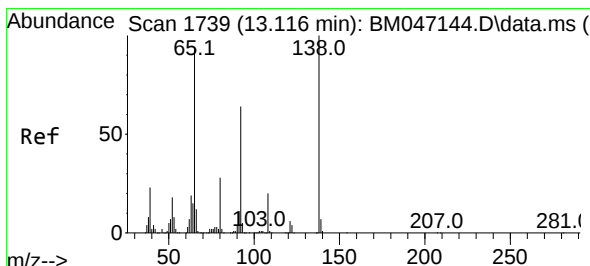
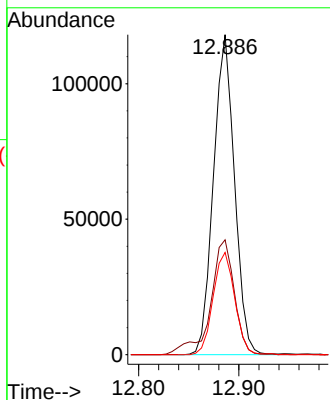
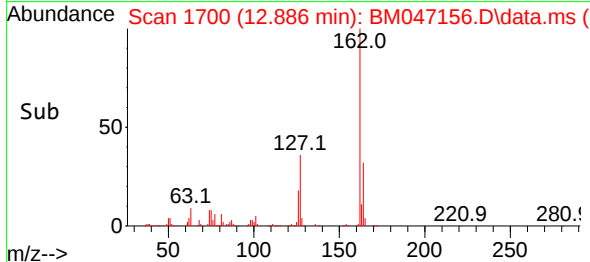
Instrument : BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



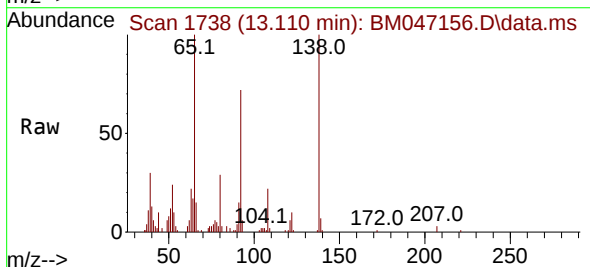
Tgt Ion:162 Resp: 17186
Ion Ratio Lower Upper
162 100
127 35.9 30.0 45.0
164 32.0 26.3 39.5

Manual Integrations
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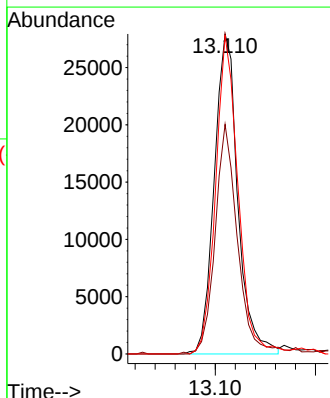
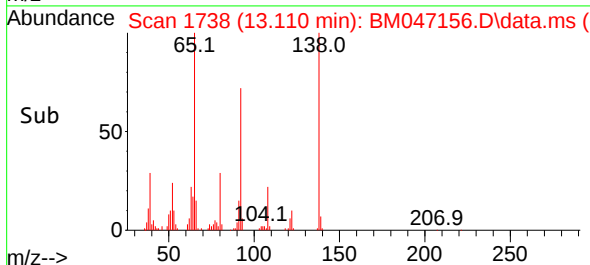
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024

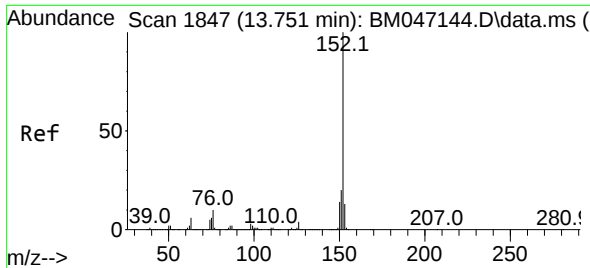


#48
2-Nitroaniline
Concen: 3.305 ng
RT: 13.110 min Scan# 1738
Delta R.T. -0.006 min
Lab File: BM047156.D
Acq: 12 Aug 2024 14:25



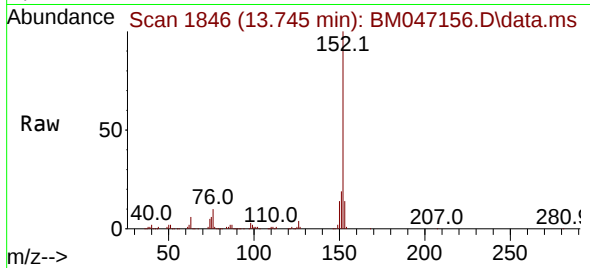
Tgt Ion: 65 Resp: 45492
Ion Ratio Lower Upper
65 100
92 71.8 55.1 82.7
138 99.5 85.9 128.9





#49
Acenaphthylene
Concen: 4.186 ng
RT: 13.745 min Scan# 1846
Delta R.T. -0.006 min
Lab File: BM047156.D
Acq: 12 Aug 2024 14:25

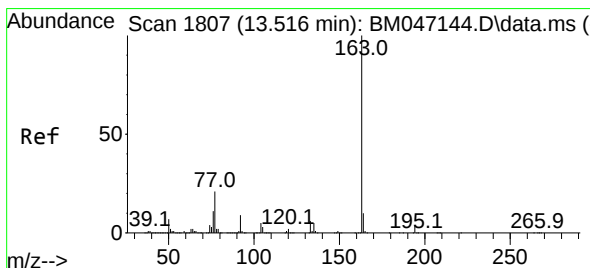
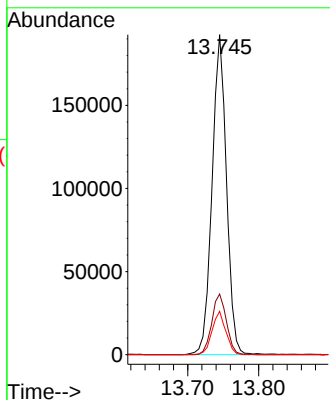
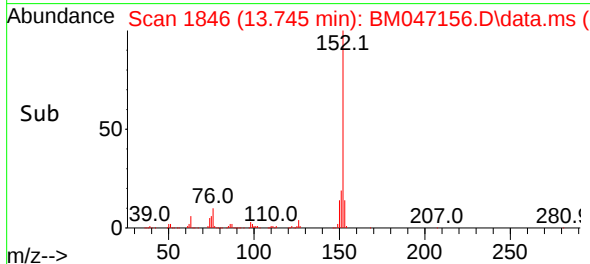
Instrument : BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



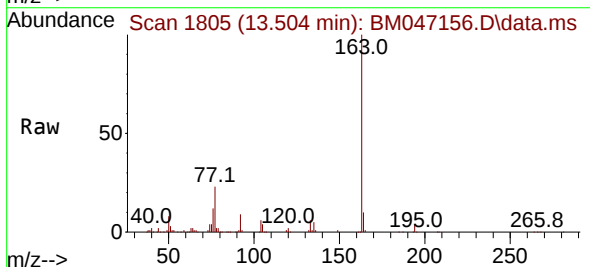
Tgt Ion:152 Resp: 271111
Ion Ratio Lower Upper
152 100
151 19.0 15.8 23.6
153 13.6 10.4 15.6

Manual Integrations
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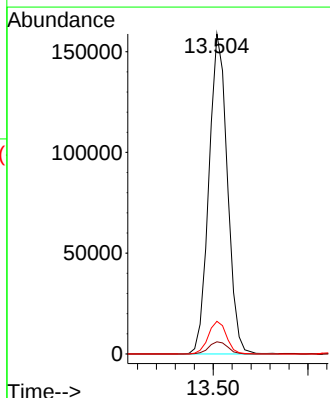
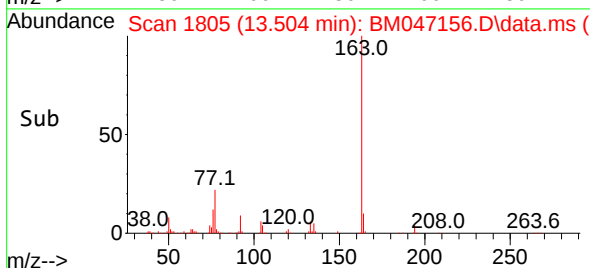
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024

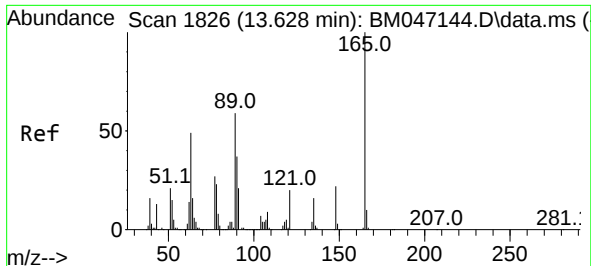


#50
Dimethylphthalate
Concen: 3.890 ng
RT: 13.504 min Scan# 1805
Delta R.T. -0.012 min
Lab File: BM047156.D
Acq: 12 Aug 2024 14:25



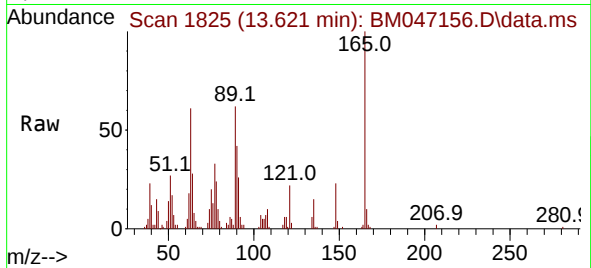
Tgt Ion:163 Resp: 214558
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 10.2 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 3.281 ng
RT: 13.621 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BM047156.D
Acq: 12 Aug 2024 14:25

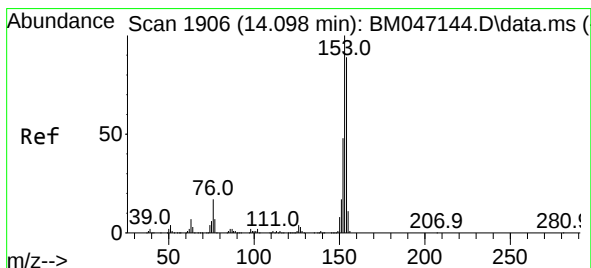
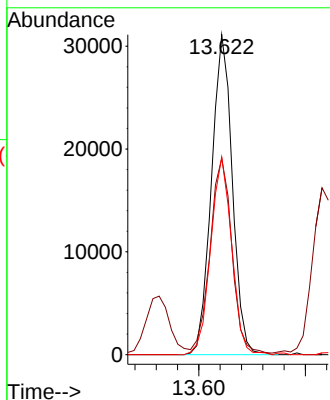
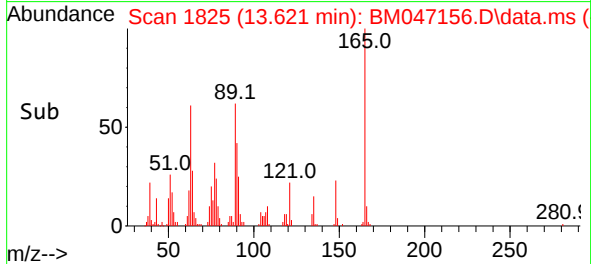
Instrument : BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



Tgt Ion:165 Resp: 42290
Ion Ratio Lower Upper
165 100
63 61.4 46.5 69.7
89 61.8 47.3 70.9

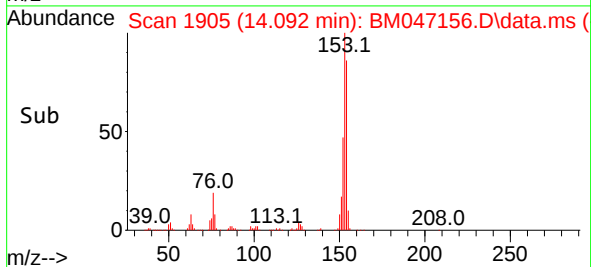
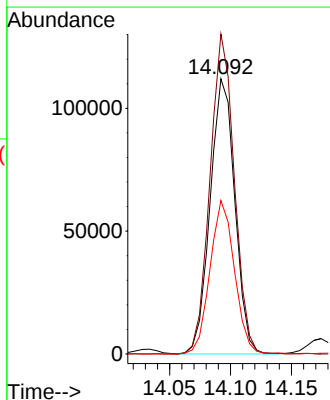
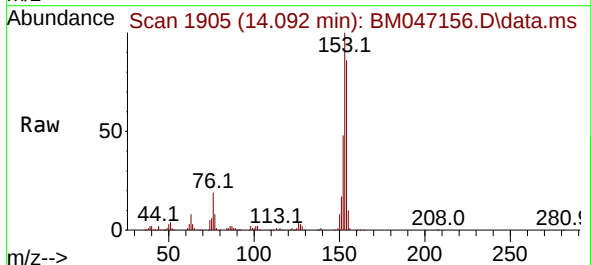
Manual Integrations
APPROVED

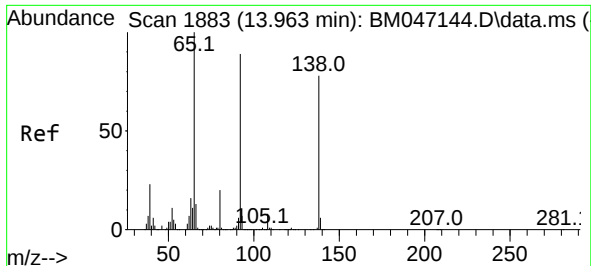
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024



#52
Acenaphthene
Concen: 3.850 ng
RT: 14.092 min Scan# 1905
Delta R.T. -0.006 min
Lab File: BM047156.D
Acq: 12 Aug 2024 14:25

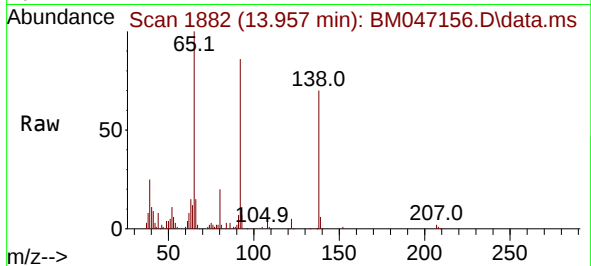
Tgt Ion:154 Resp: 158159
Ion Ratio Lower Upper
154 100
153 116.3 90.3 135.5
152 55.8 42.9 64.3





#53
3-Nitroaniline
Concen: 3.206 ng
RT: 13.957 min Scan# 1882
Delta R.T. -0.006 min
Lab File: BM047156.D
Acq: 12 Aug 2024 14:25

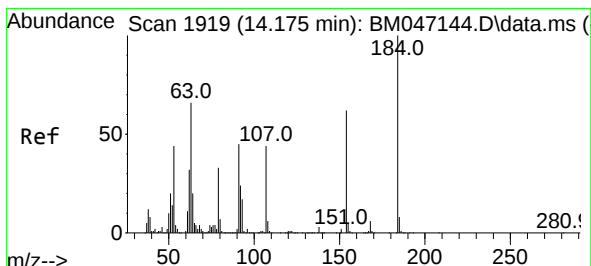
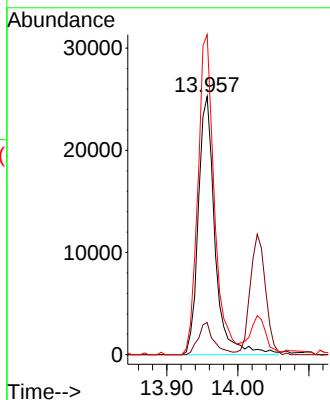
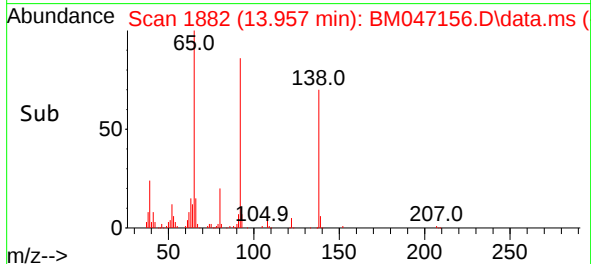
Instrument : BNA_M
ClientSampleId : LOD-MDL-WATER-01-QT3-2024



Tgt Ion:138 Resp: 41420
Ion Ratio Lower Upper
138 100
108 12.5 7.9 11.9
92 123.9 92.0 138.0

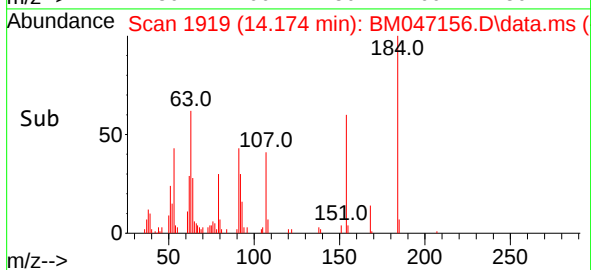
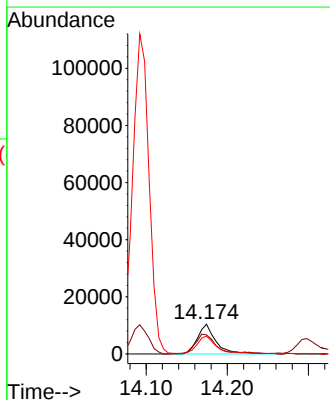
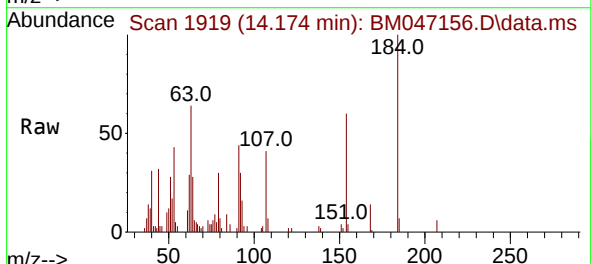
Manual Integrations
APPROVED

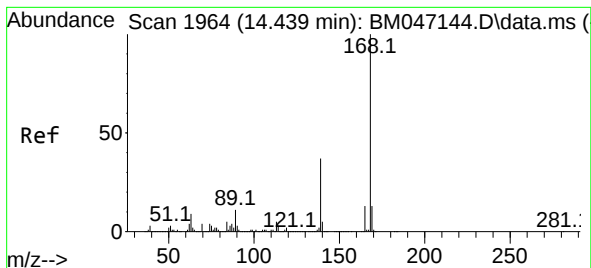
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024



#54
2,4-Dinitrophenol
Concen: 2.134 ng
RT: 14.174 min Scan# 1919
Delta R.T. -0.001 min
Lab File: BM047156.D
Acq: 12 Aug 2024 14:25

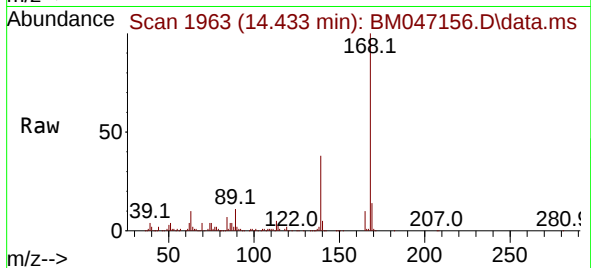
Tgt Ion:184 Resp: 16486
Ion Ratio Lower Upper
184 100
63 63.7 52.7 79.1
154 60.3 50.4 75.6





#55
Dibenzenofuran
Concen: 4.090 ng
RT: 14.433 min Scan# 1963
Delta R.T. -0.006 min
Lab File: BM047156.D
Acq: 12 Aug 2024 14:25

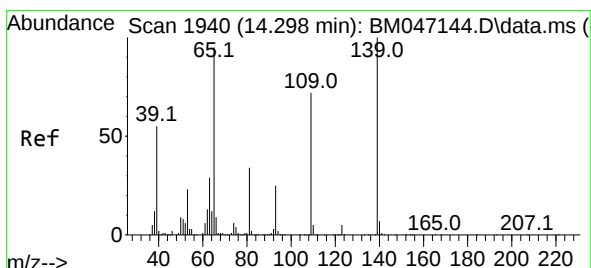
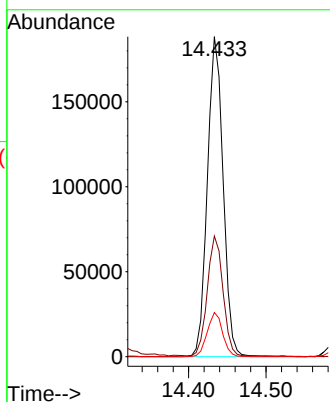
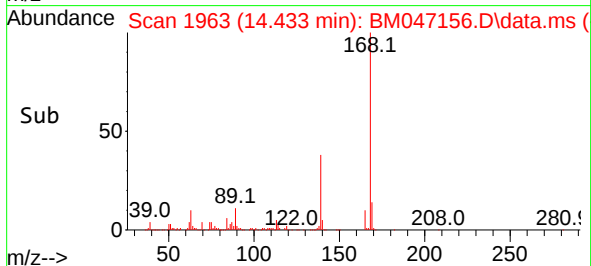
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



Tgt Ion:168 Resp: 26542
Ion Ratio Lower Upper
168 100
139 37.7 29.6 44.4
169 13.8 10.7 16.1

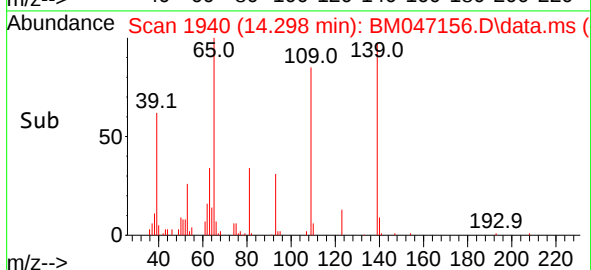
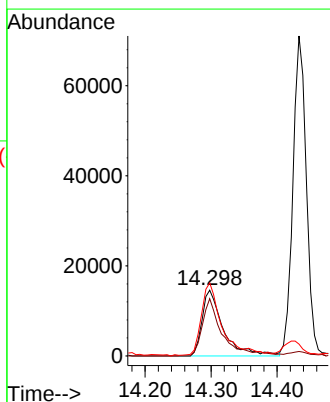
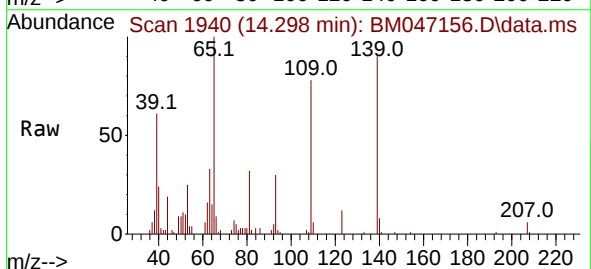
Manual Integrations
APPROVED

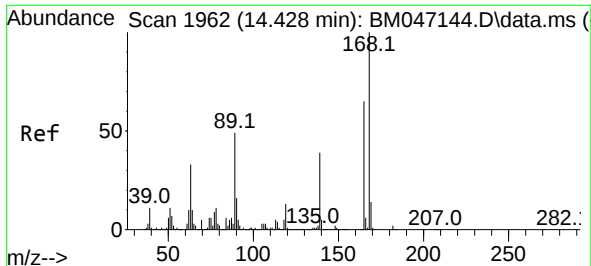
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024



#56
4-Nitrophenol
Concen: 2.939 ng m
RT: 14.298 min Scan# 1940
Delta R.T. -0.000 min
Lab File: BM047156.D
Acq: 12 Aug 2024 14:25

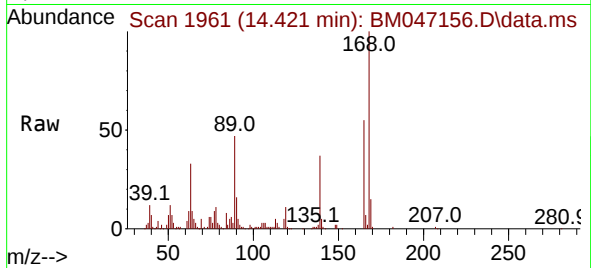
Tgt Ion:139 Resp: 32738
Ion Ratio Lower Upper
139 100
109 87.1 52.5 92.5
65 111.1 75.4 115.4





#57
2,4-Dinitrotoluene
Concen: 3.107 ng
RT: 14.421 min Scan# 1962
Delta R.T. -0.006 min
Lab File: BM047156.D
Acq: 12 Aug 2024 14:25

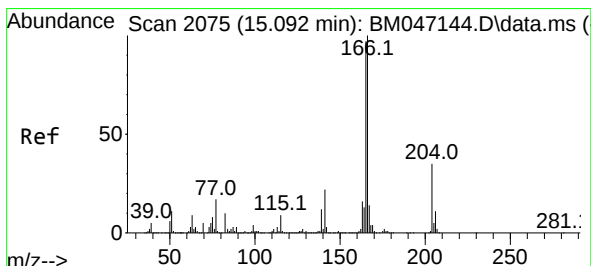
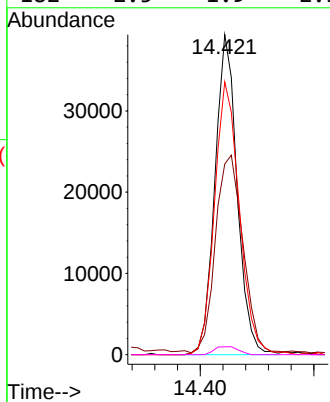
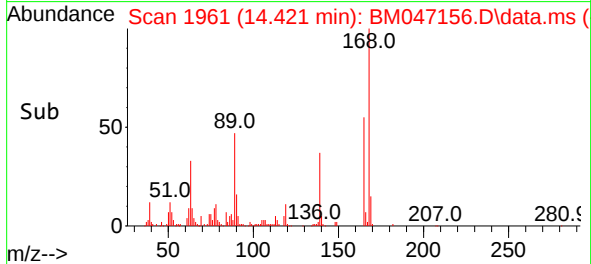
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



Tgt Ion:165 Resp: 5347
Ion Ratio Lower Upper
165 100
63 59.6 40.3 60.5
89 85.3 61.0 91.6
182 2.5 1.9 2.9

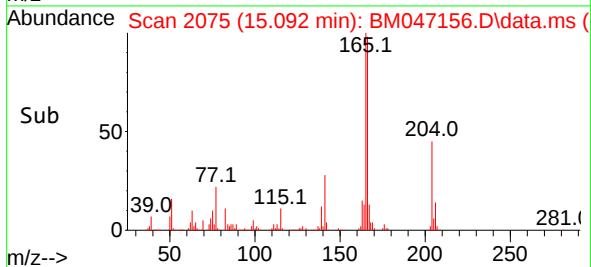
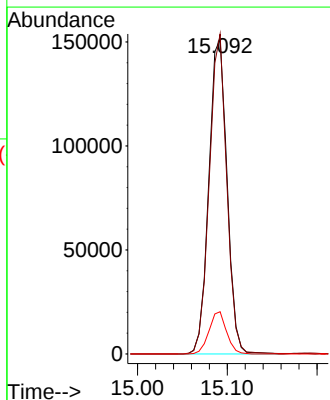
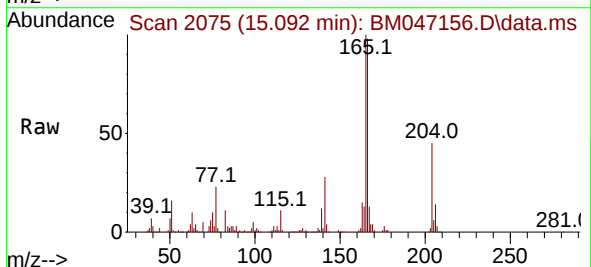
Manual Integrations
APPROVED

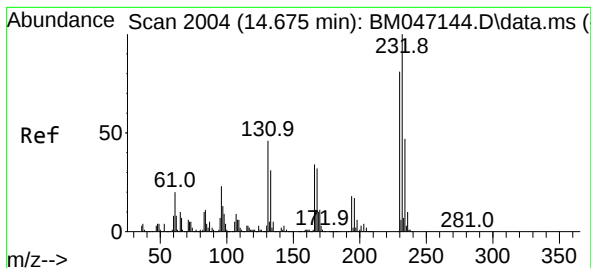
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024



#58
Fluorene
Concen: 3.982 ng
RT: 15.092 min Scan# 2075
Delta R.T. -0.000 min
Lab File: BM047156.D
Acq: 12 Aug 2024 14:25

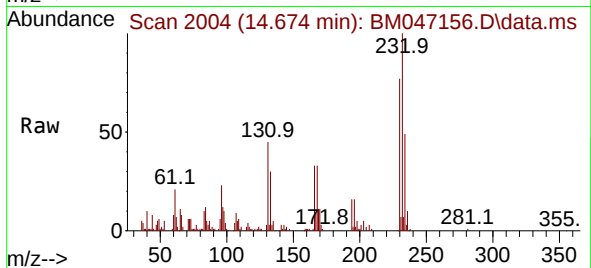
Tgt Ion:166 Resp: 213218
Ion Ratio Lower Upper
166 100
165 101.6 77.4 116.0
167 13.4 11.0 16.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 3.456 ng
RT: 14.674 min Scan# 2004
Delta R.T. -0.000 min
Lab File: BM047156.D
Acq: 12 Aug 2024 14:25

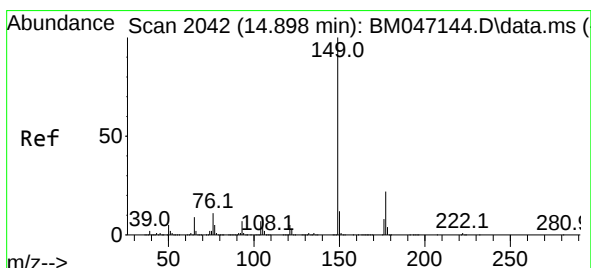
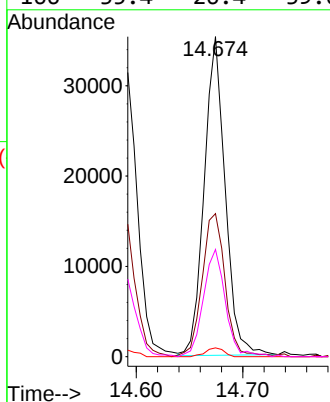
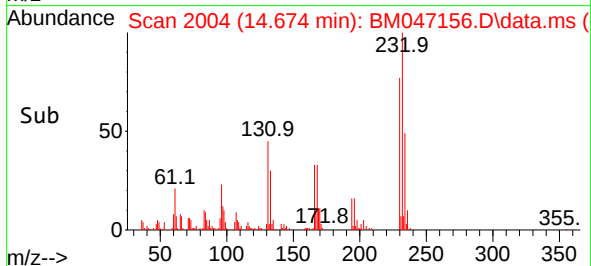
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



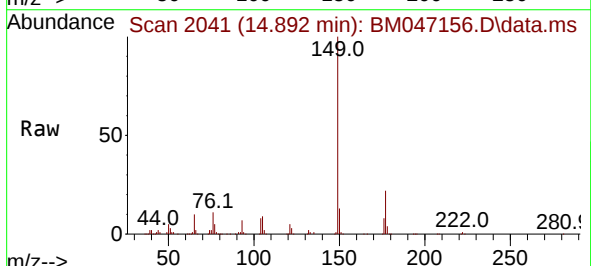
Tgt Ion:232 Resp: 48280
Ion Ratio Lower Upper
232 100
131 49.7 36.9 55.3
130 2.4 2.0 3.0
166 35.4 26.4 39.6

Manual Integrations
APPROVED

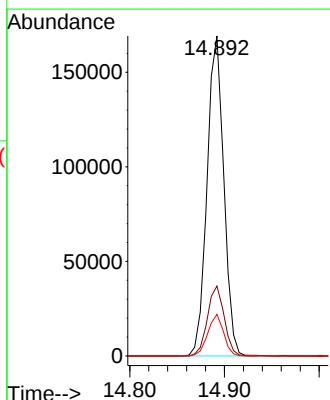
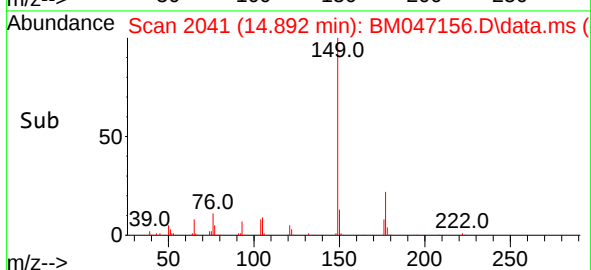
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024

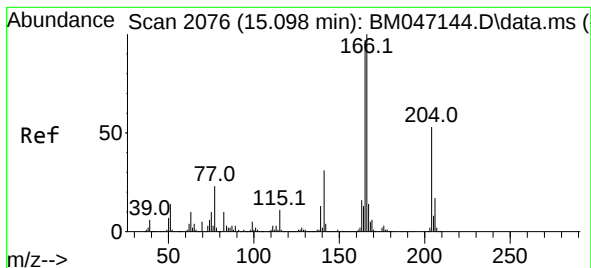


#60
Diethylphthalate
Concen: 3.685 ng
RT: 14.892 min Scan# 2041
Delta R.T. -0.006 min
Lab File: BM047156.D
Acq: 12 Aug 2024 14:25



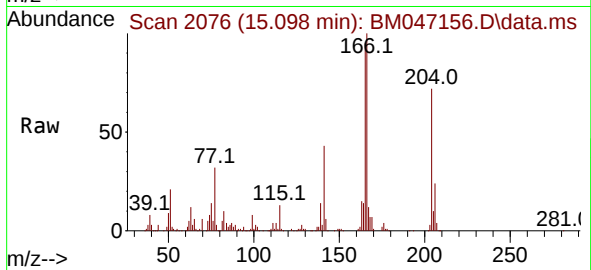
Tgt Ion:149 Resp: 207558
Ion Ratio Lower Upper
149 100
177 21.9 17.6 26.4
150 13.0 9.8 14.6





#61
4-Chlorophenyl-phenylether
Concen: 3.942 ng
RT: 15.098 min Scan# 2076
Delta R.T. -0.000 min
Lab File: BM047156.D
Acq: 12 Aug 2024 14:25

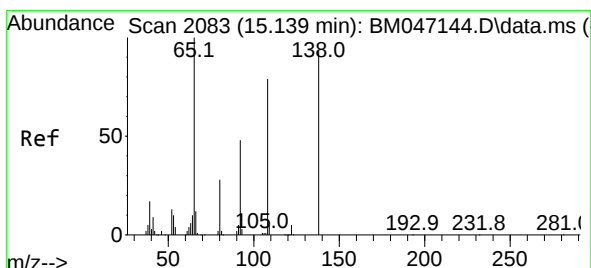
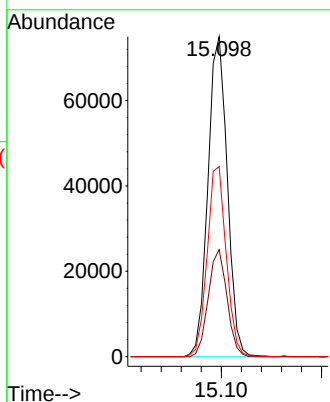
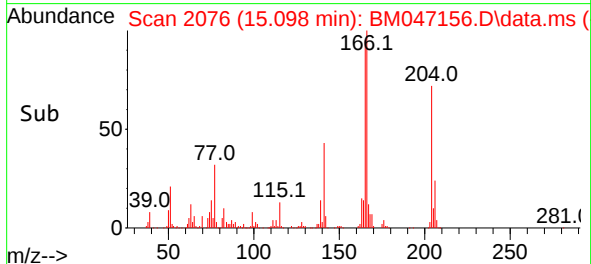
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



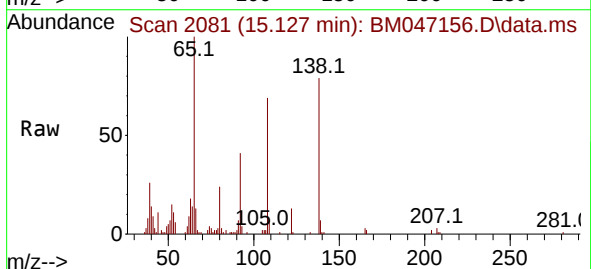
Tgt Ion:204 Resp: 100480
Ion Ratio Lower Upper
204 100
206 33.4 26.2 39.4
141 59.4 47.2 70.8

Manual Integrations
APPROVED

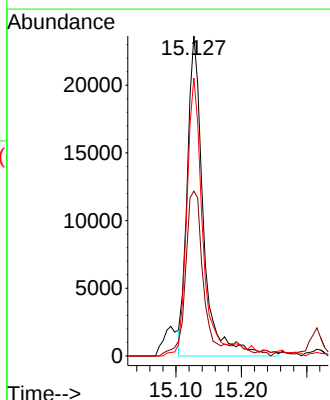
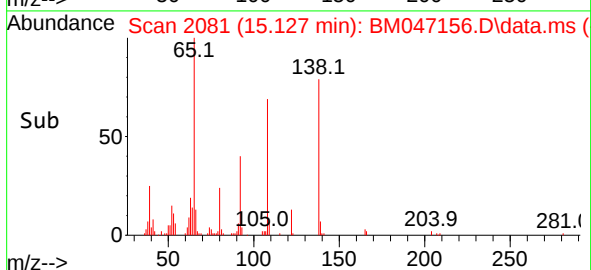
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024

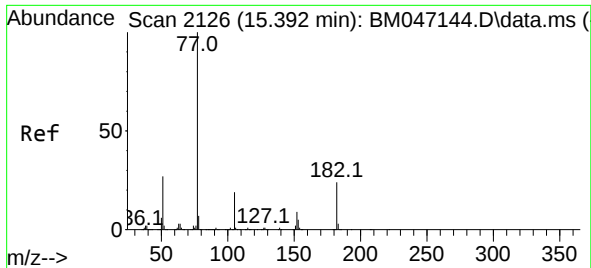


#62
4-Nitroaniline
Concen: 3.194 ng m
RT: 15.127 min Scan# 2081
Delta R.T. -0.012 min
Lab File: BM047156.D
Acq: 12 Aug 2024 14:25



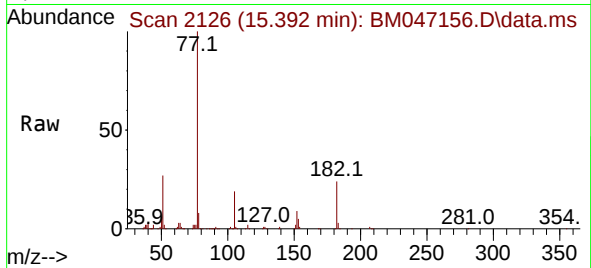
Tgt Ion:138 Resp: 40653
Ion Ratio Lower Upper
138 100
92 51.5 31.9 71.9
108 86.8 63.8 103.8





#63
Azobenzene
Concen: 3.822 ng
RT: 15.392 min Scan# 2126
Delta R.T. -0.000 min
Lab File: BM047156.D
Acq: 12 Aug 2024 14:25

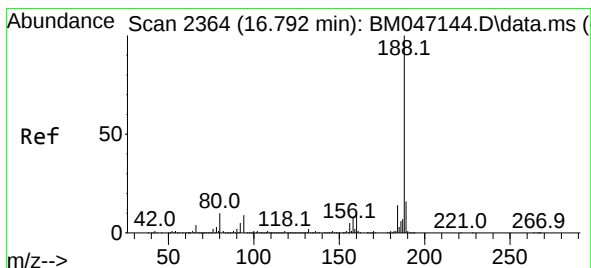
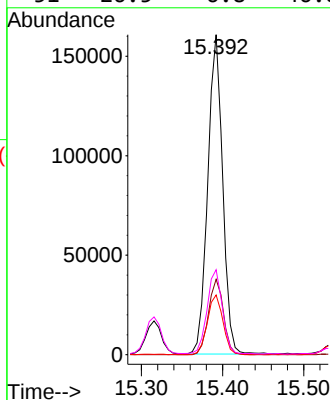
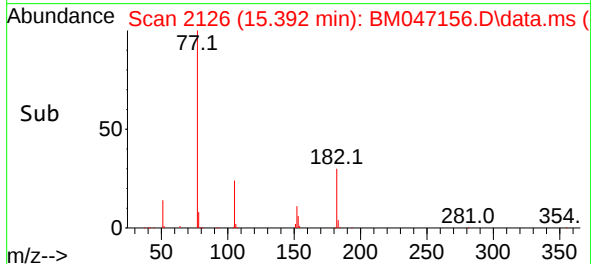
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



Tgt Ion: 77 Resp: 20409
Ion Ratio Lower Upper
77 100
182 23.6 3.8 43.8
105 18.7 0.0 39.5
51 26.5 6.8 46.8

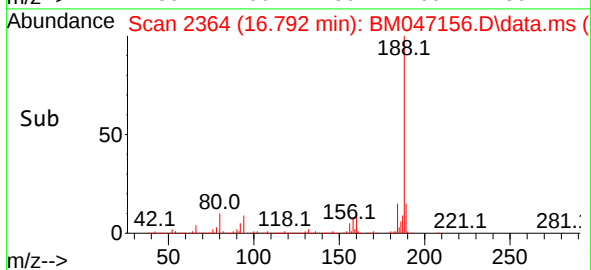
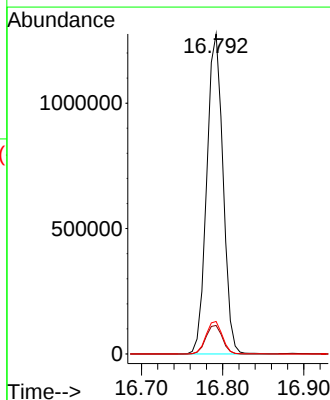
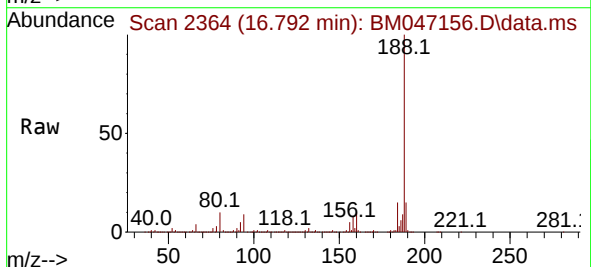
Manual Integrations
APPROVED

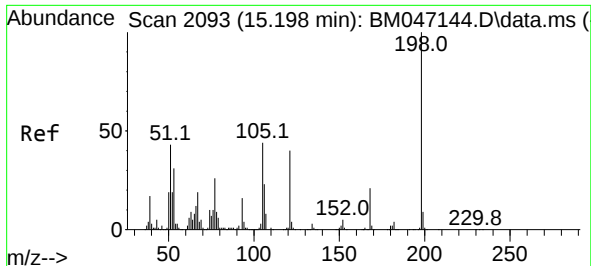
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.792 min Scan# 2364
Delta R.T. -0.000 min
Lab File: BM047156.D
Acq: 12 Aug 2024 14:25

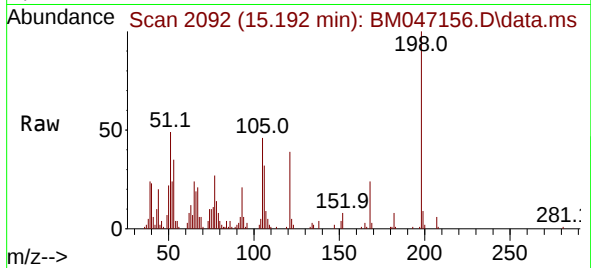
Tgt Ion:188 Resp: 1771608
Ion Ratio Lower Upper
188 100
94 8.9 7.0 10.6
80 10.2 8.0 12.0





#65
4,6-Dinitro-2-methylphenol
Concen: 2.361 ng
RT: 15.192 min Scan# 2092
Delta R.T. -0.006 min
Lab File: BM047156.D
Acq: 12 Aug 2024 14:25

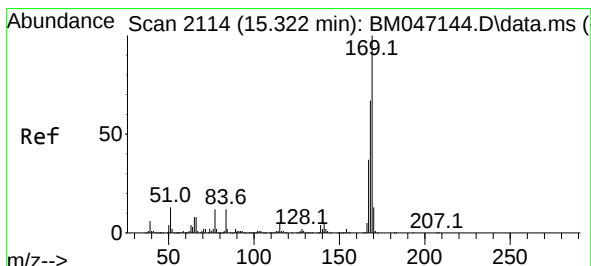
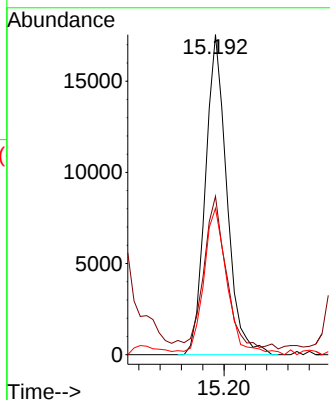
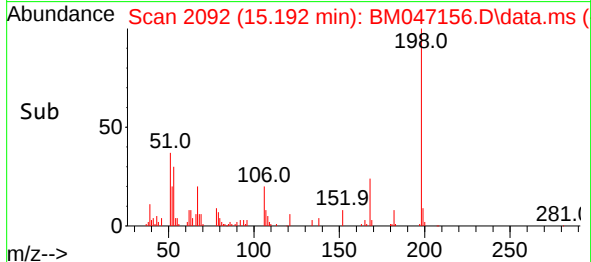
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



Tgt Ion:198 Resp: 2449
Ion Ratio Lower Upper
198 100
51 49.5 23.9 63.9
105 45.8 24.3 64.3

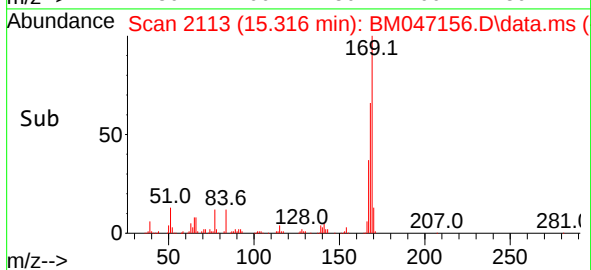
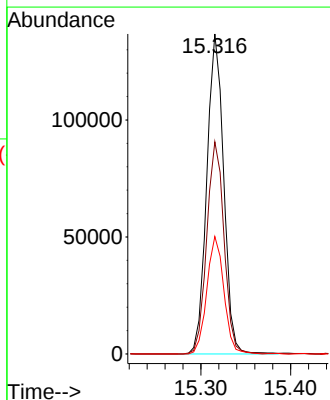
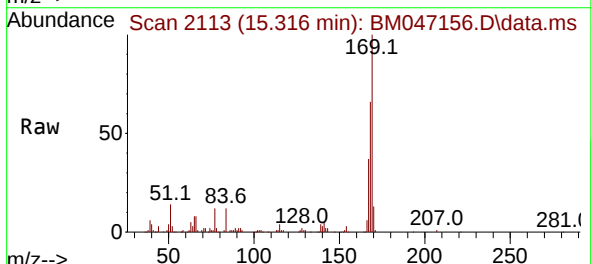
Manual Integrations
APPROVED

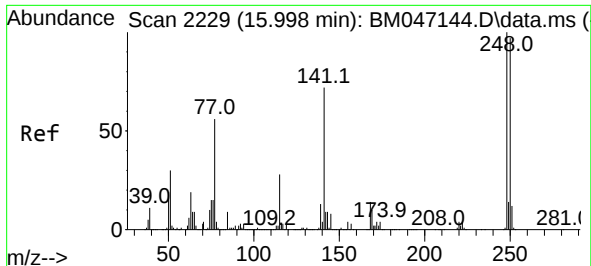
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024



#66
n-Nitrosodiphenylamine
Concen: 3.702 ng
RT: 15.316 min Scan# 2113
Delta R.T. -0.006 min
Lab File: BM047156.D
Acq: 12 Aug 2024 14:25

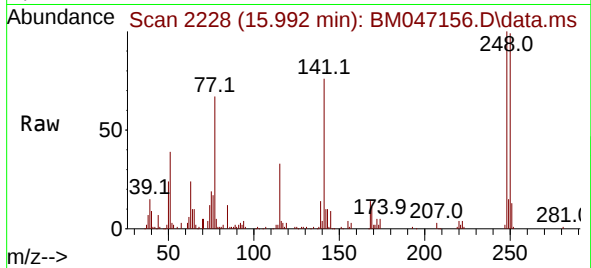
Tgt Ion:169 Resp: 178622
Ion Ratio Lower Upper
169 100
168 66.3 53.8 80.8
167 36.7 29.3 43.9





#67
4-Bromophenyl-phenylether
Concen: 3.385 ng
RT: 15.992 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047156.D
Acq: 12 Aug 2024 14:25

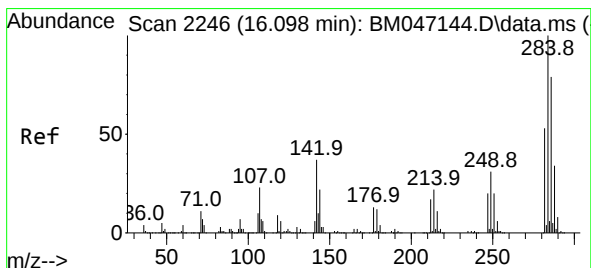
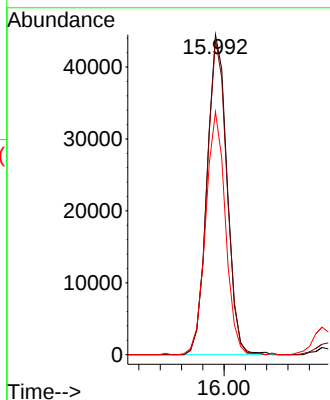
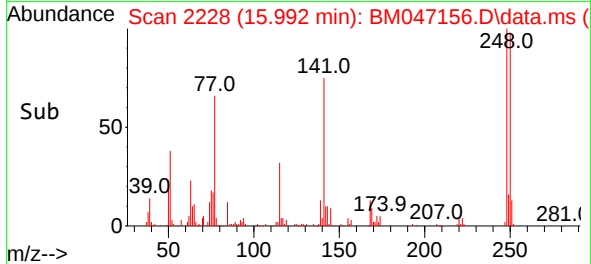
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



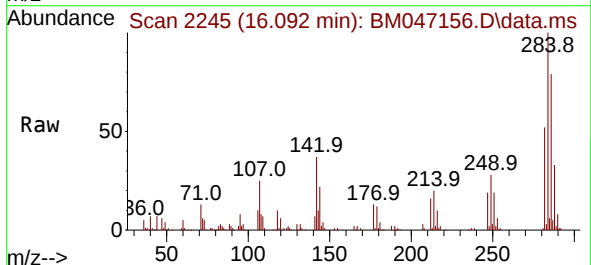
Tgt Ion:248 Resp: 5779
Ion Ratio Lower Upper
248 100
250 98.6 77.8 116.8
141 75.9 57.7 86.5

Manual Integrations
APPROVED

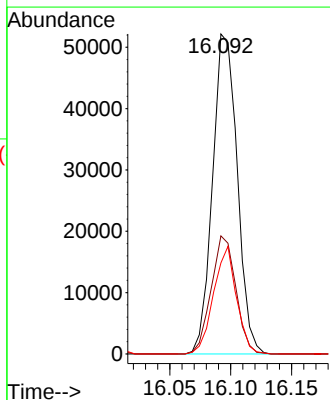
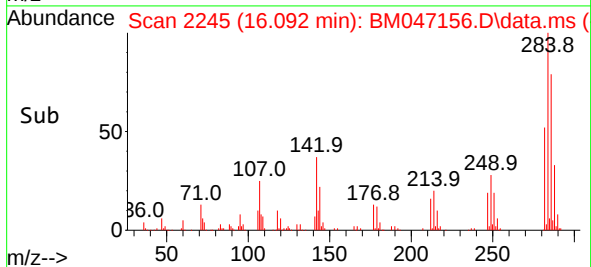
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024

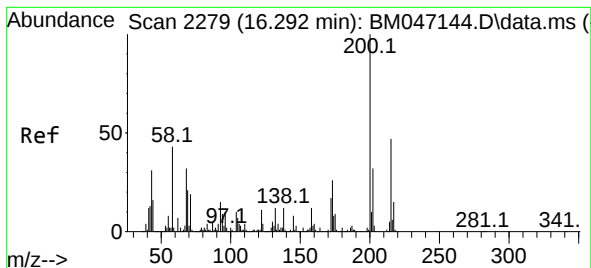


#68
Hexachlorobenzene
Concen: 3.598 ng
RT: 16.092 min Scan# 2245
Delta R.T. -0.006 min
Lab File: BM047156.D
Acq: 12 Aug 2024 14:25



Tgt Ion:284 Resp: 73563
Ion Ratio Lower Upper
284 100
142 36.9 29.4 44.0
249 28.5 25.1 37.7





#69

Atrazine

Concen: 4.177 ng

RT: 16.286 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047156.D

Acq: 12 Aug 2024 14:25

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2024

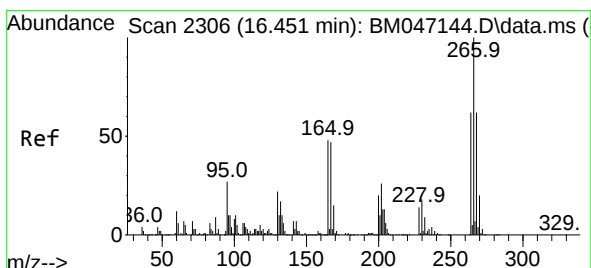
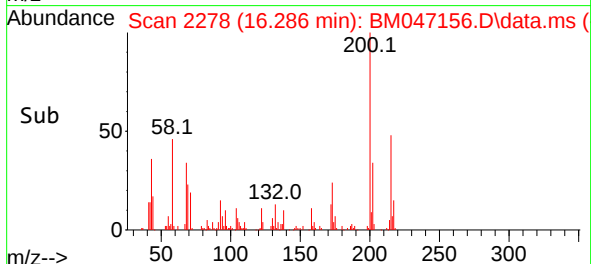
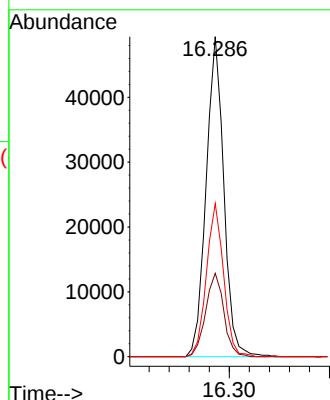
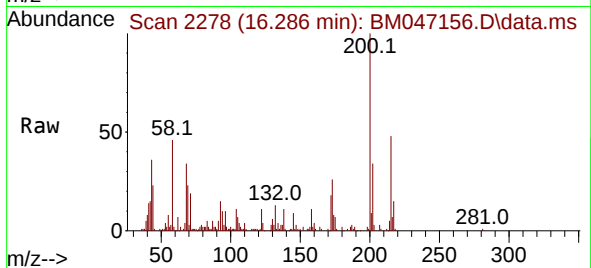
Tgt Ion:200	Resp: 60650
Ion Ratio	Lower Upper
200 100	
173 26.0	6.1 46.1
215 47.8	26.8 66.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/13/2024

Supervised By :mohammad ahmed 08/14/2024



#70

Pentachlorophenol

Concen: 2.565 ng

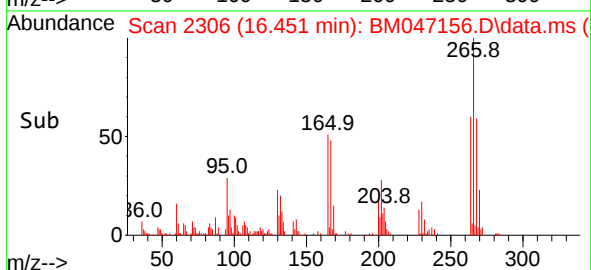
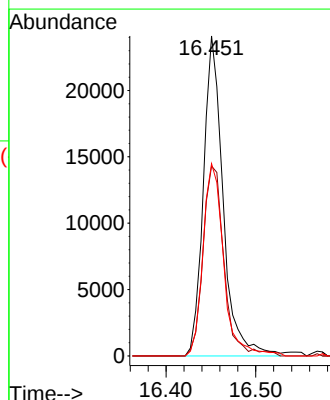
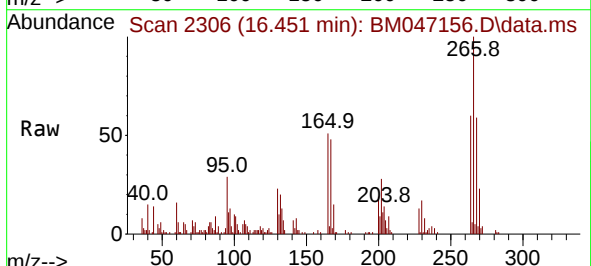
RT: 16.451 min Scan# 2306

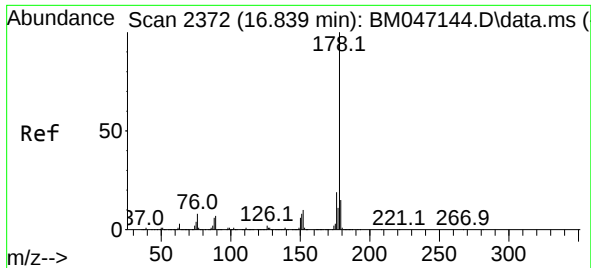
Delta R.T. -0.000 min

Lab File: BM047156.D

Acq: 12 Aug 2024 14:25

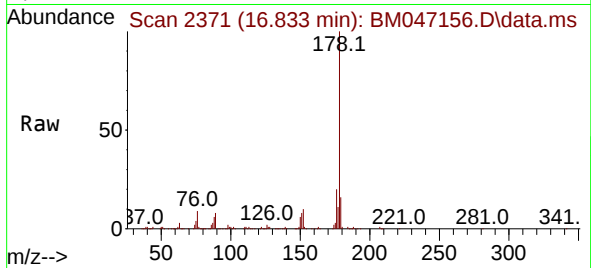
Tgt Ion:266	Resp: 36766
Ion Ratio	Lower Upper
266 100	
268 59.3	49.8 74.6
264 60.1	49.6 74.4





#71
Phenanthrene
Concen: 3.878 ng
RT: 16.833 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047156.D
Acq: 12 Aug 2024 14:25

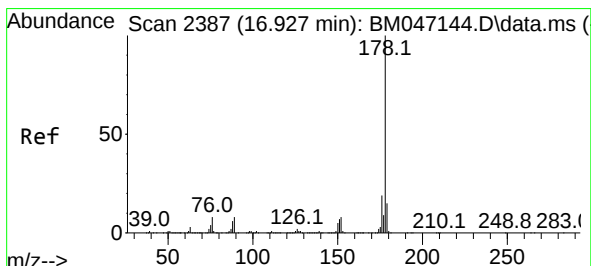
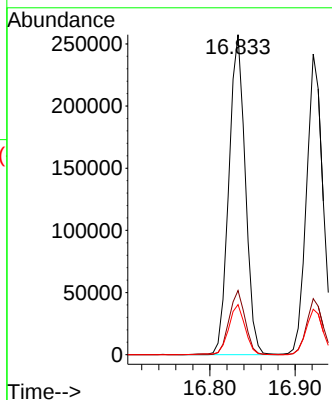
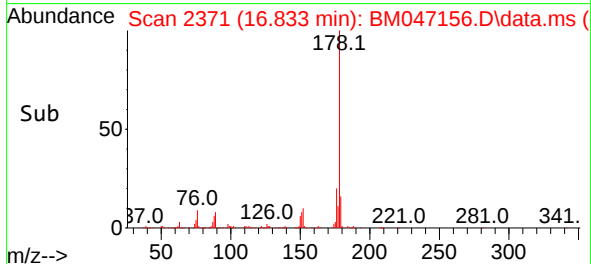
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



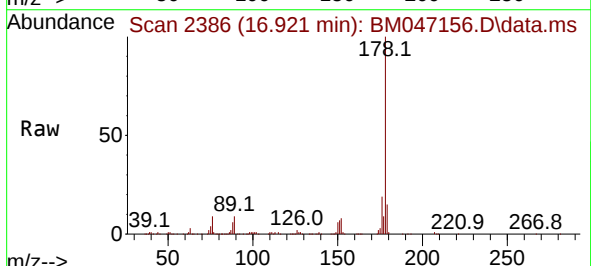
Tgt Ion:178 Resp: 34479
Ion Ratio Lower Upper
178 100
176 20.0 15.3 22.9
179 15.7 12.4 18.6

Manual Integrations
APPROVED

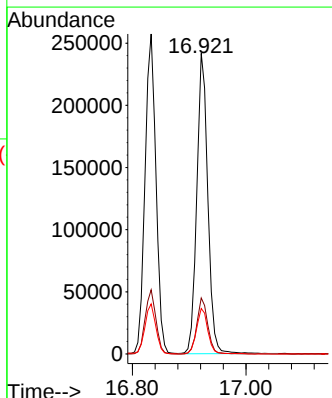
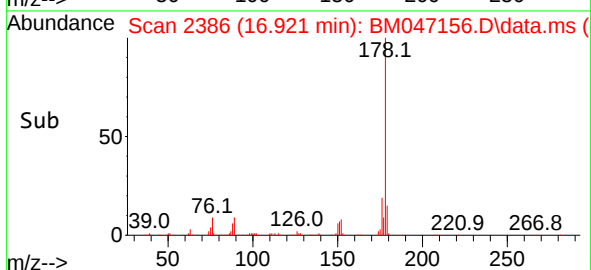
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024

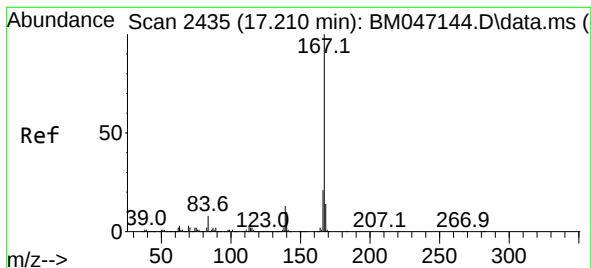


#72
Anthracene
Concen: 3.779 ng
RT: 16.921 min Scan# 2386
Delta R.T. -0.006 min
Lab File: BM047156.D
Acq: 12 Aug 2024 14:25



Tgt Ion:178 Resp: 326916
Ion Ratio Lower Upper
178 100
176 18.6 14.8 22.2
179 15.1 12.4 18.6





#73

Carbazole

Concen: 3.558 ng

RT: 17.204 min Scan# 2434

Delta R.T. -0.006 min

Lab File: BM047156.D

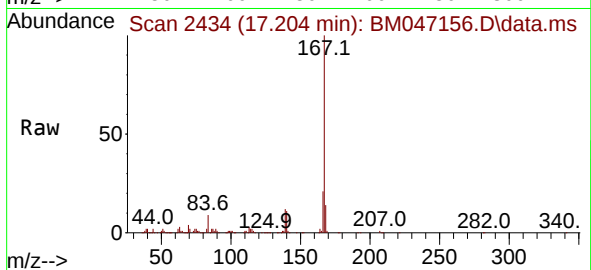
Acq: 12 Aug 2024 14:25

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2024



Tgt Ion:167 Resp: 314295

Ion Ratio Lower Upper

167 100

166 21.0 17.1 25.7

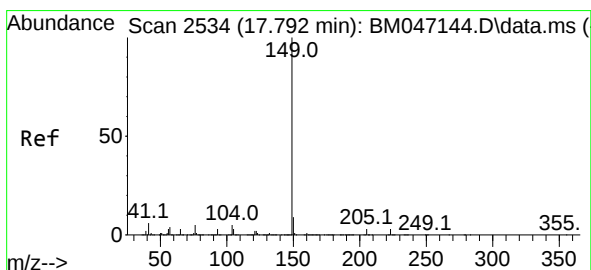
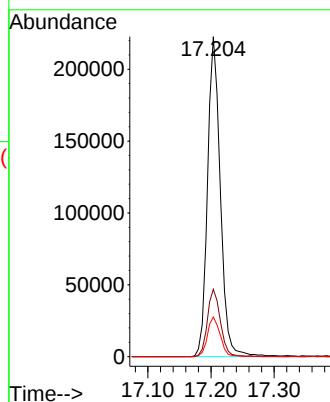
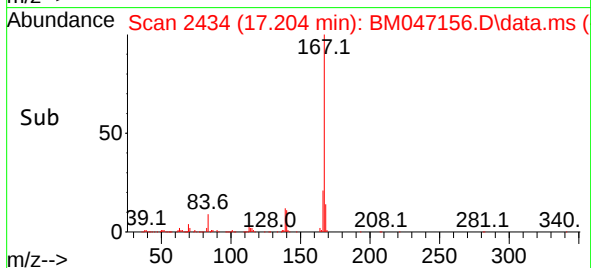
139 12.4 10.0 15.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/13/2024

Supervised By :mohammad ahmed 08/14/2024



#74

Di-n-butylphthalate

Concen: 3.454 ng

RT: 17.792 min Scan# 2534

Delta R.T. -0.000 min

Lab File: BM047156.D

Acq: 12 Aug 2024 14:25

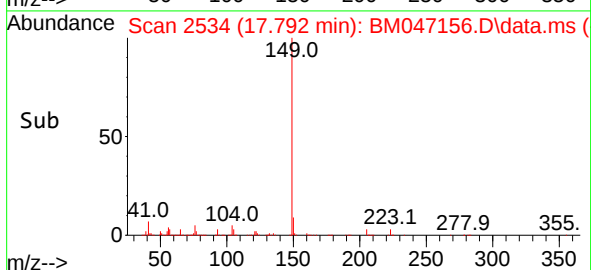
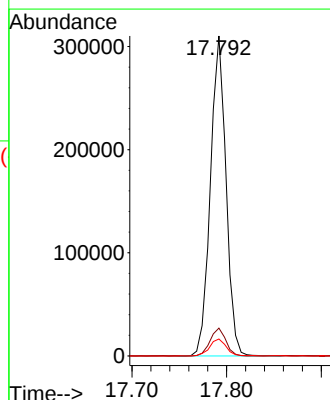
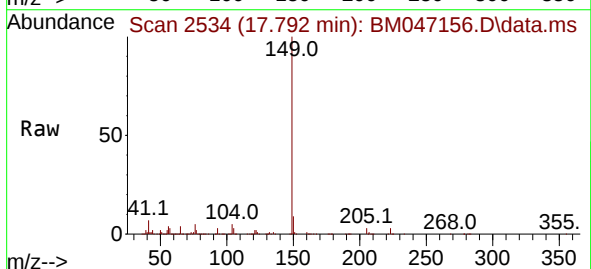
Tgt Ion:149 Resp: 355031

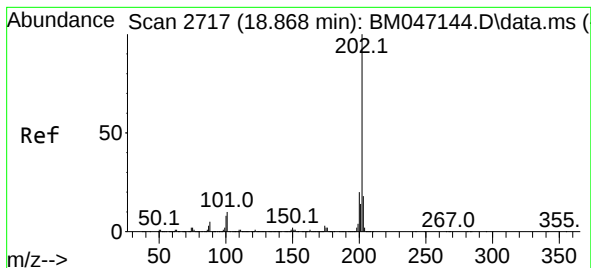
Ion Ratio Lower Upper

149 100

150 8.7 7.5 11.3

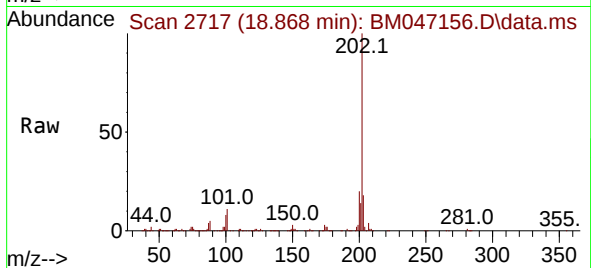
104 5.3 4.1 6.1





#75
Fluoranthene
Concen: 3.522 ng
RT: 18.868 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM047156.D
Acq: 12 Aug 2024 14:25

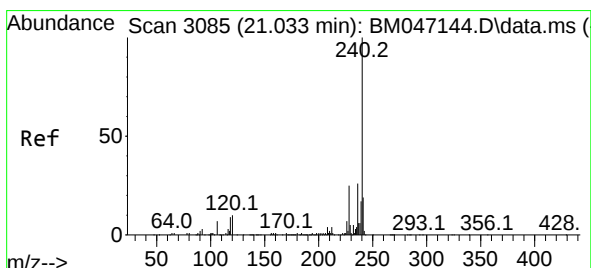
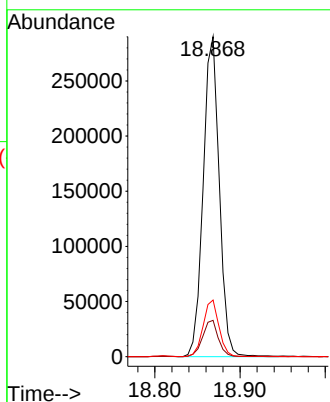
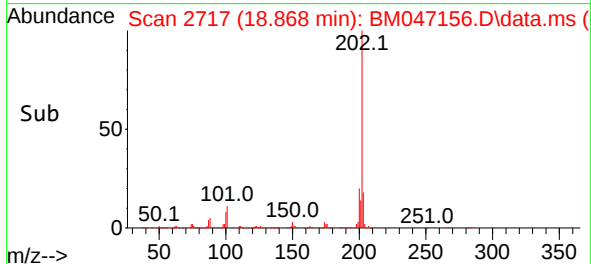
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



Tgt Ion:202 Resp: 380900
Ion Ratio Lower Upper
202 100
101 11.4 0.0 30.2
203 17.7 0.0 37.6

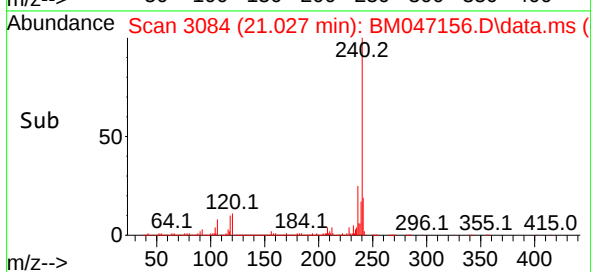
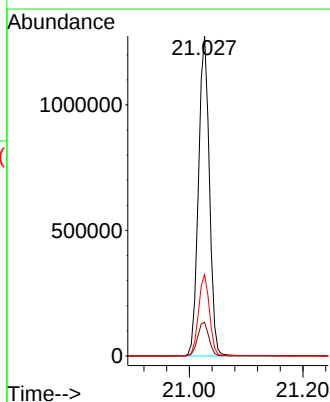
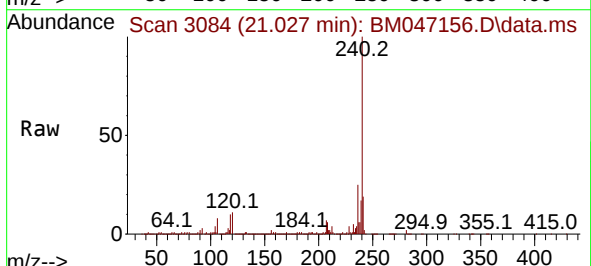
Manual Integrations
APPROVED

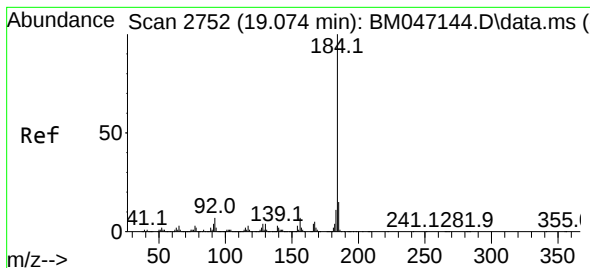
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.027 min Scan# 3084
Delta R.T. -0.006 min
Lab File: BM047156.D
Acq: 12 Aug 2024 14:25

Tgt Ion:240 Resp: 1701590
Ion Ratio Lower Upper
240 100
120 10.6 8.2 12.2
236 25.4 20.6 30.8





#77

Benzidine

Concen: 2.136 ng

RT: 19.074 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM047156.D

Acq: 12 Aug 2024 14:25

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2024

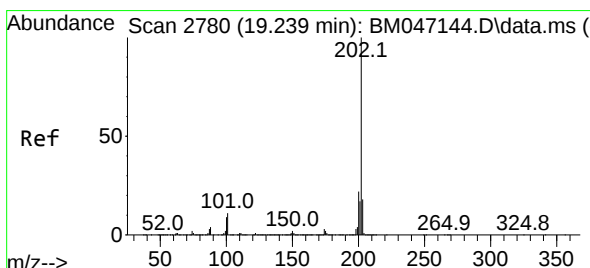
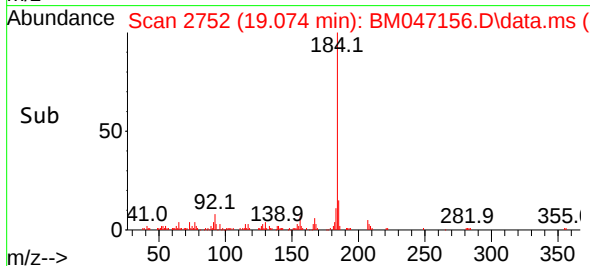
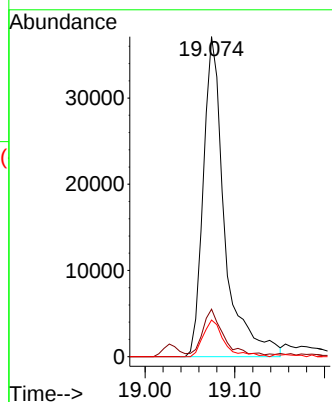
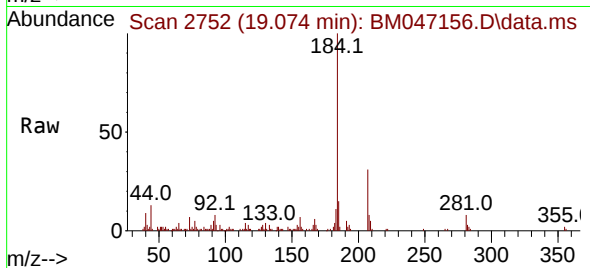
Tgt Ion:184	Resp:	61620
Ion Ratio	Lower	Upper
184	100	
185	14.9	11.8 17.6
183	11.4	9.0 13.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/13/2024

Supervised By :mohammad ahmed 08/14/2024



#78

Pyrene

Concen: 3.325 ng

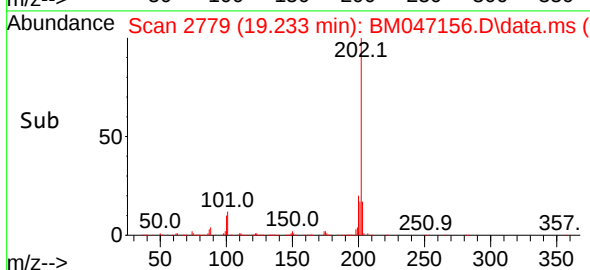
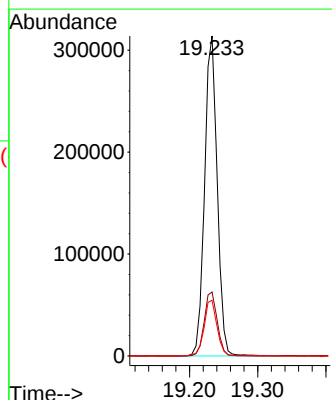
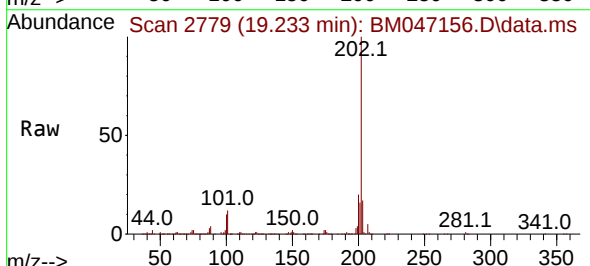
RT: 19.233 min Scan# 2779

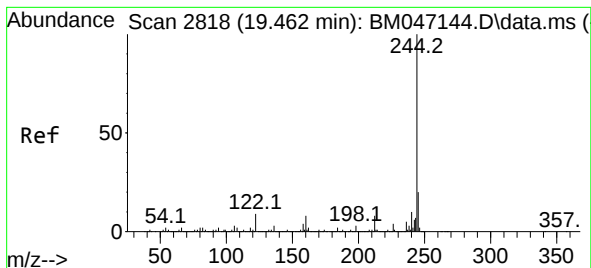
Delta R.T. -0.006 min

Lab File: BM047156.D

Acq: 12 Aug 2024 14:25

Tgt Ion:202	Resp:	404004
Ion Ratio	Lower	Upper
202	100	
200	20.0	17.2 25.8
203	17.4	14.2 21.2





#79

Terphenyl-d14

Concen: 83.633 ng

RT: 19.462 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM047156.D

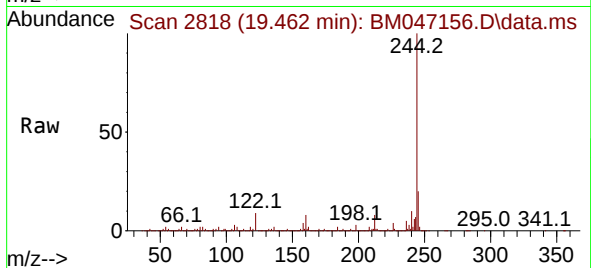
Acq: 12 Aug 2024 14:25

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2024



Tgt Ion:244 Resp: 664139

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.4

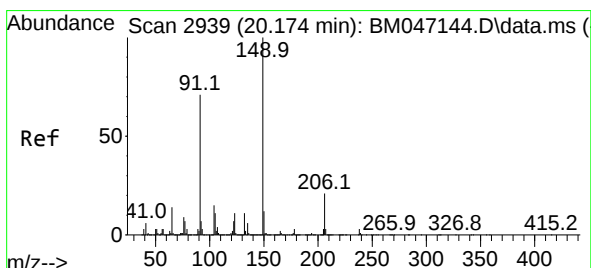
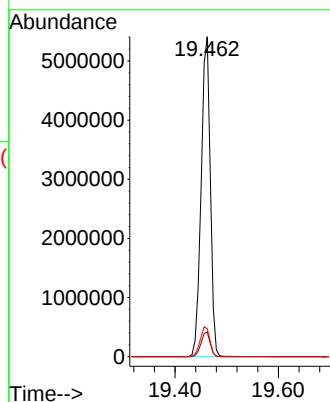
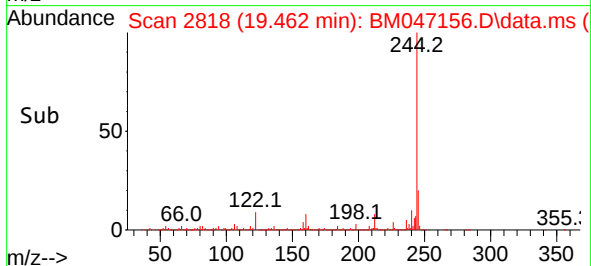
122 8.8 7.1 10.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/13/2024

Supervised By :mohammad ahmed 08/14/2024



#80

Butylbenzylphthalate

Concen: 3.056 ng

RT: 20.174 min Scan# 2939

Delta R.T. -0.000 min

Lab File: BM047156.D

Acq: 12 Aug 2024 14:25

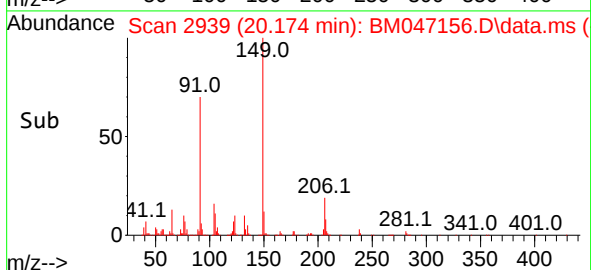
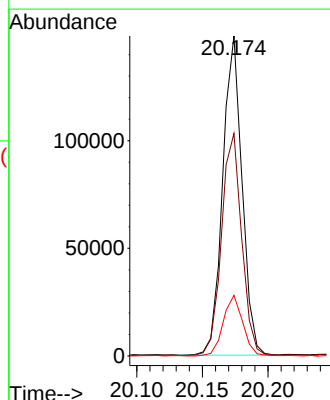
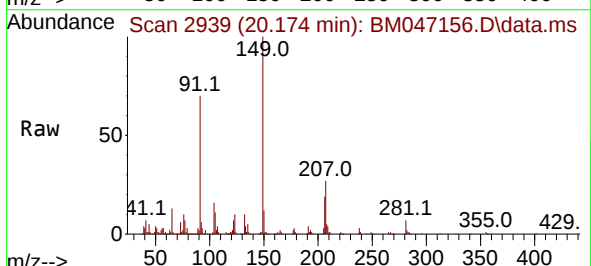
Tgt Ion:149 Resp: 151535

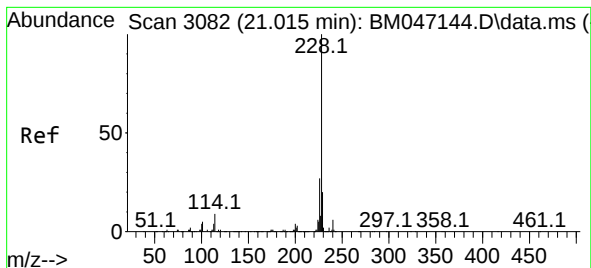
Ion Ratio Lower Upper

149 100

91 69.5 57.0 85.4

206 19.0 16.4 24.6





#81

Benzo(a)anthracene

Concen: 3.631 ng

RT: 21.009 min Scan# 3082

Delta R.T. -0.006 min

Lab File: BM047156.D

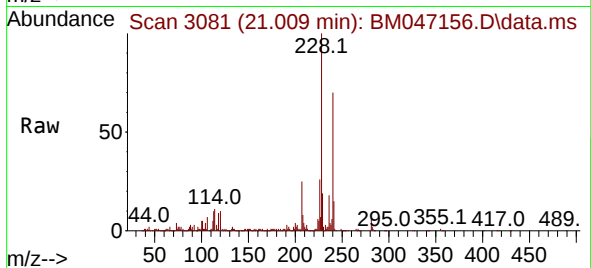
Acq: 12 Aug 2024 14:25

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2024



Tgt Ion:228 Resp: 41014

Ion Ratio Lower Upper

228 100

226 26.1 21.8 32.6

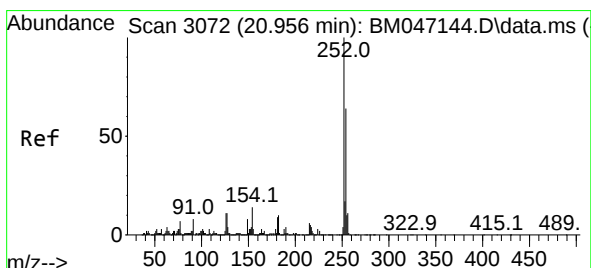
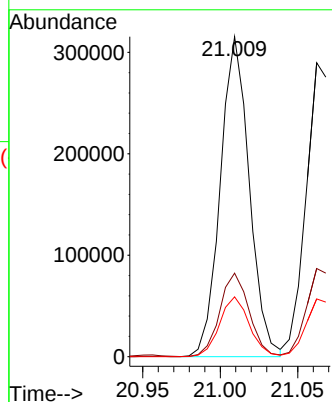
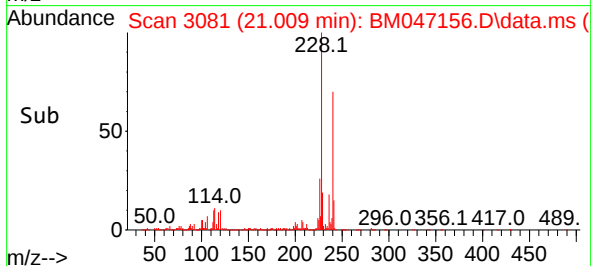
229 18.7 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/13/2024

Supervised By :mohammad ahmed 08/14/2024



#82

3,3'-Dichlorobenzidine

Concen: 3.656 ng

RT: 20.956 min Scan# 3072

Delta R.T. -0.000 min

Lab File: BM047156.D

Acq: 12 Aug 2024 14:25

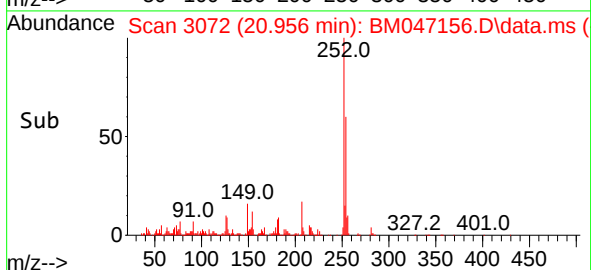
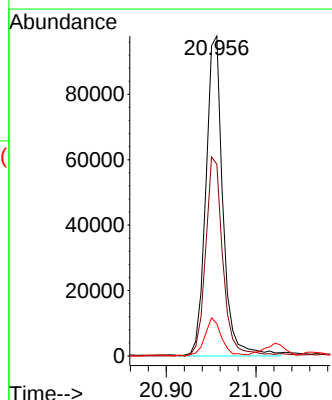
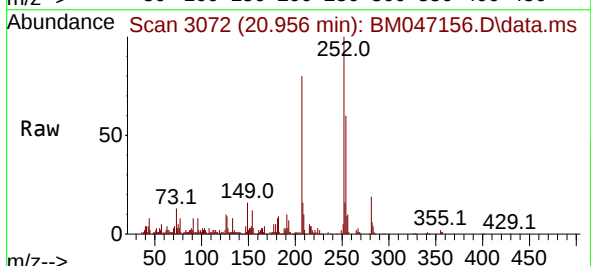
Tgt Ion:252 Resp: 129219

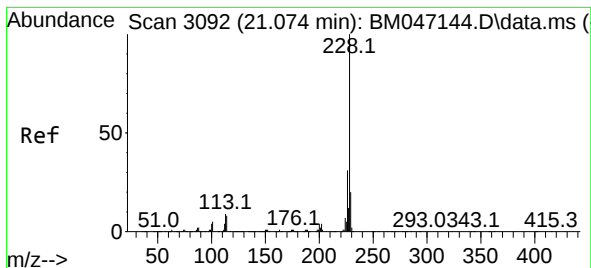
Ion Ratio Lower Upper

252 100

254 60.0 51.0 76.6

126 10.1 8.5 12.7





#83

Chrysene

Concen: 3.562 ng

RT: 21.062 min Scan# 3092

Delta R.T. -0.012 min

Lab File: BM047156.D

Acq: 12 Aug 2024 14:25

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2024

Tgt Ion:228 Resp: 38177

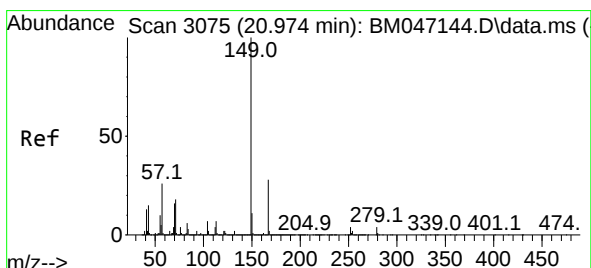
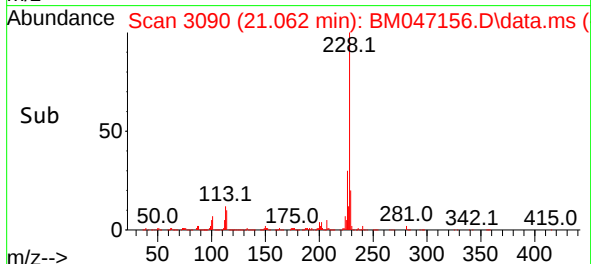
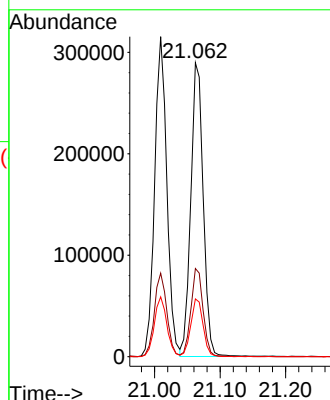
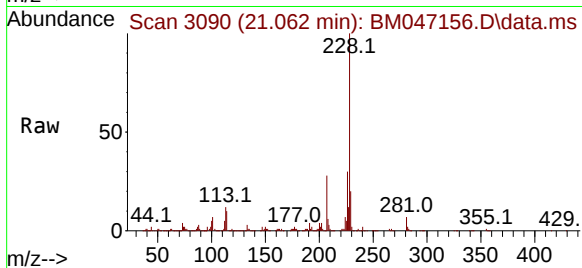
Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.4	36.6
229	19.7	15.7	23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/13/2024

Supervised By :mohammad ahmed 08/14/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.193 ng

RT: 20.974 min Scan# 3075

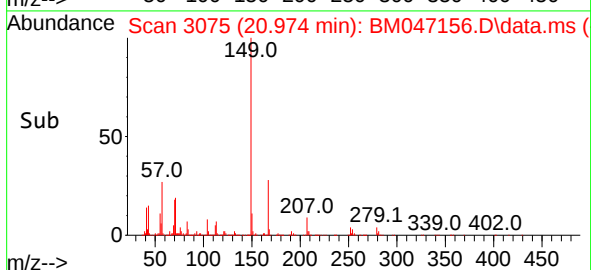
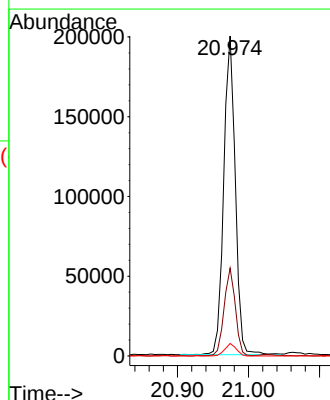
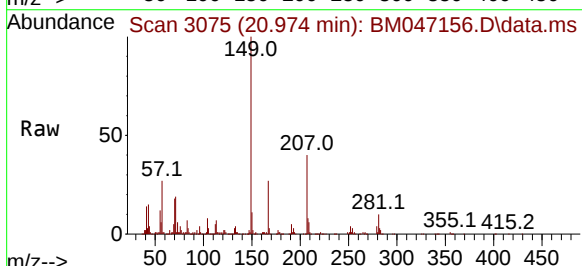
Delta R.T. -0.000 min

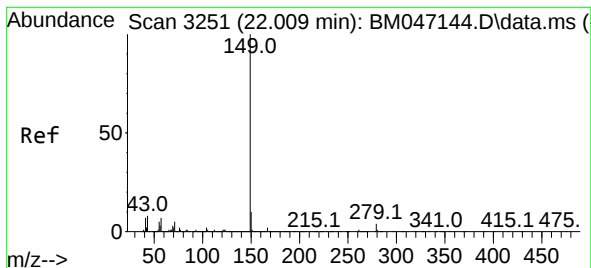
Lab File: BM047156.D

Acq: 12 Aug 2024 14:25

Tgt Ion:149 Resp: 224516

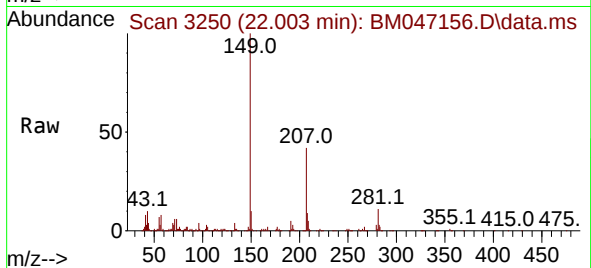
Ion	Ratio	Lower	Upper
149	100		
167	27.5	22.2	33.2
279	3.9	3.0	4.4





#85
Di-n-octyl phthalate
Concen: 2.908 ng
RT: 22.003 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM047156.D
Acq: 12 Aug 2024 14:25

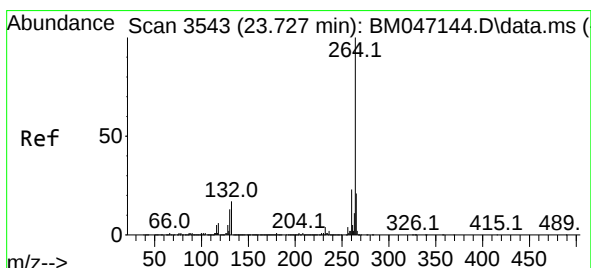
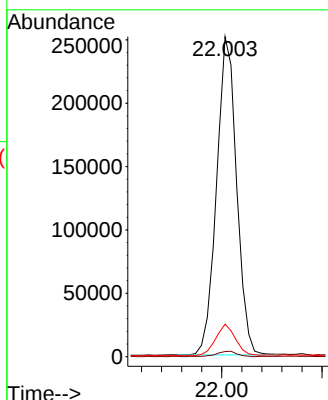
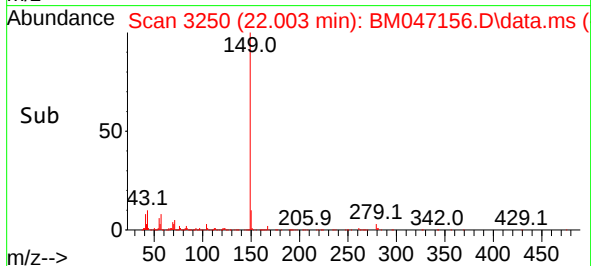
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



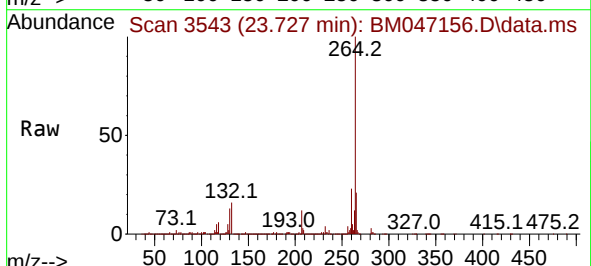
Tgt Ion:149 Resp: 34759
Ion Ratio Lower Upper
149 100
167 1.8 1.3 1.9
43 9.9 6.9 10.3

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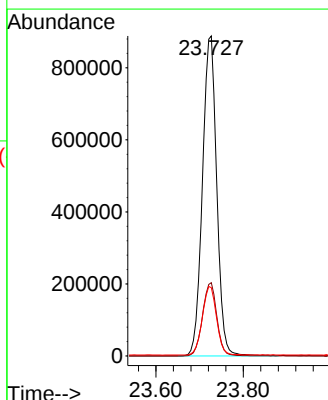
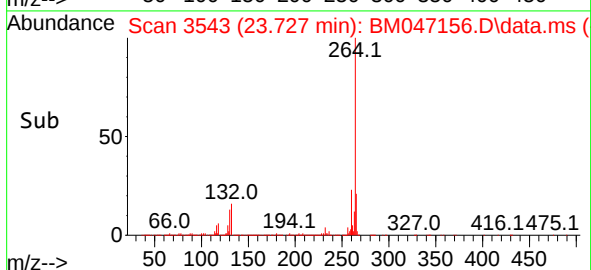
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024

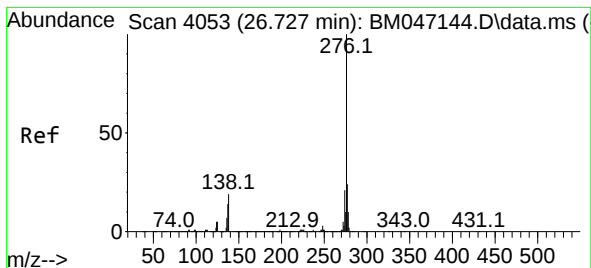


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.727 min Scan# 3543
Delta R.T. -0.000 min
Lab File: BM047156.D
Acq: 12 Aug 2024 14:25



Tgt Ion:264 Resp: 2023956
Ion Ratio Lower Upper
264 100
260 22.9 18.5 27.7
265 21.4 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.597 ng

RT: 26.709 min Scan# 4053

Delta R.T. -0.018 min

Lab File: BM047156.D

Acq: 12 Aug 2024 14:25

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2024

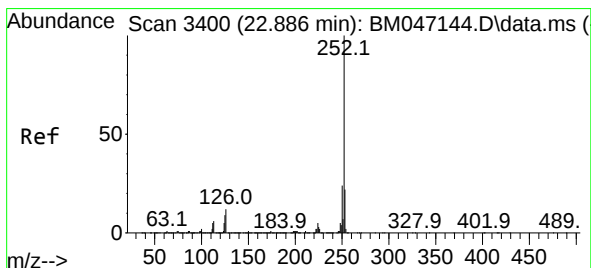
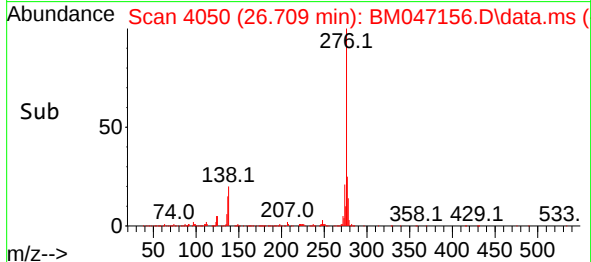
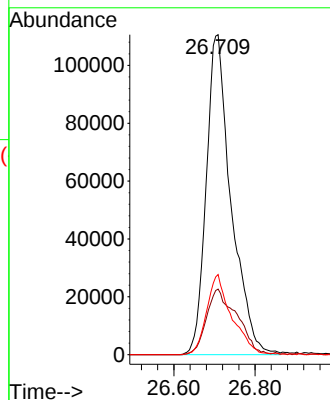
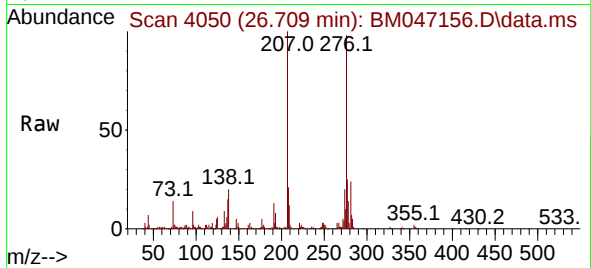
Tgt Ion:276 Resp: 47052
 Ion Ratio Lower Upper
 276 100
 138 25.0 19.4 29.0
 277 25.3 20.1 30.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/13/2024

Supervised By :mohammad ahmed 08/14/2024



#88

Benzo(b)fluoranthene

Concen: 3.415 ng

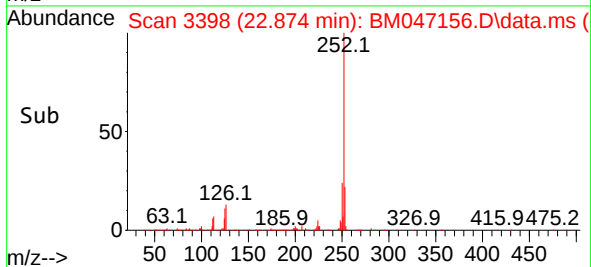
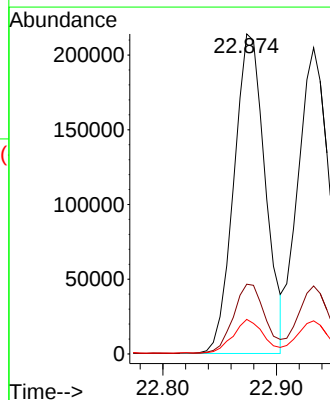
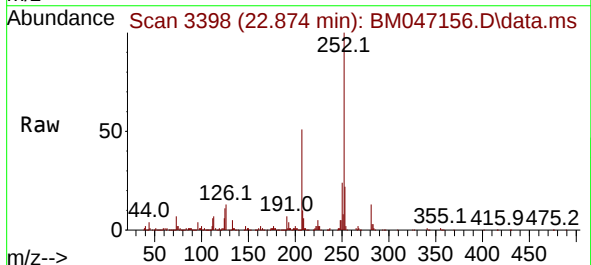
RT: 22.874 min Scan# 3398

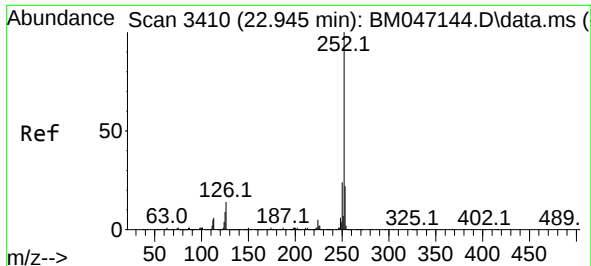
Delta R.T. -0.012 min

Lab File: BM047156.D

Acq: 12 Aug 2024 14:25

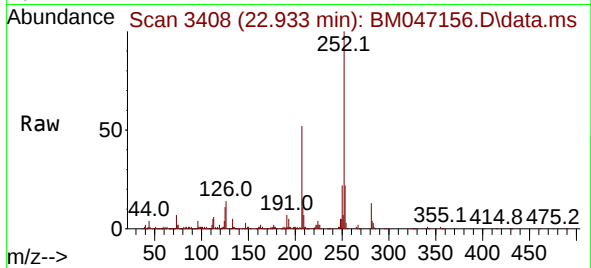
Tgt Ion:252 Resp: 410490
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.8 26.6
 125 10.8 7.4 11.0





#89
Benzo(k)fluoranthene
Concen: 3.493 ng
RT: 22.933 min Scan# 3410
Delta R.T. -0.012 min
Lab File: BM047156.D
Acq: 12 Aug 2024 14:25

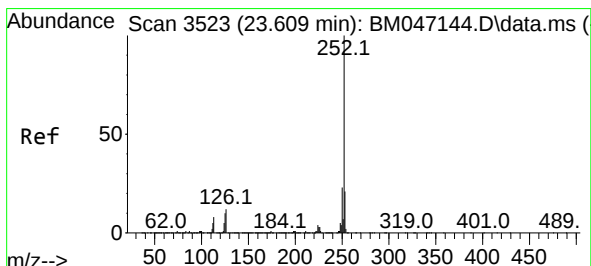
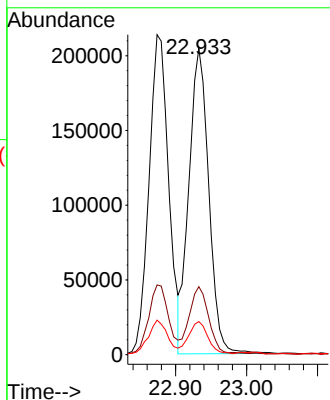
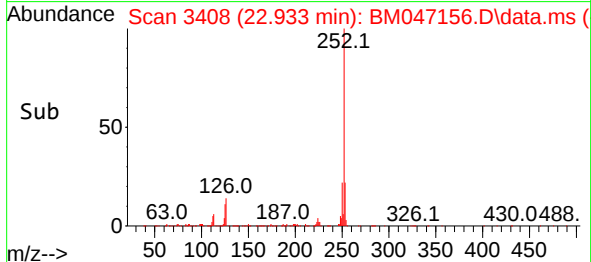
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



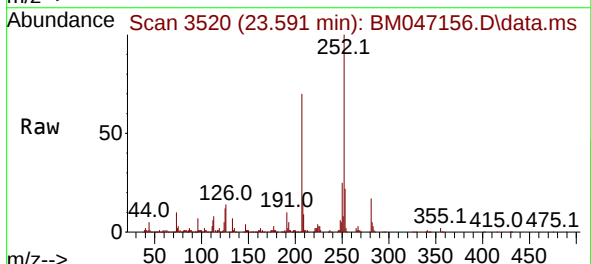
Tgt Ion:252 Resp: 396504
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 10.8 7.4 11.2

Manual Integrations
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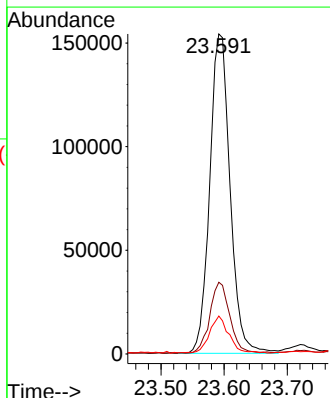
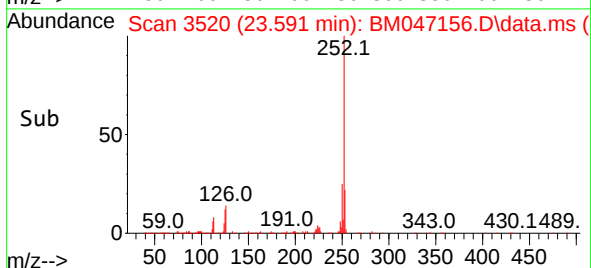
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024

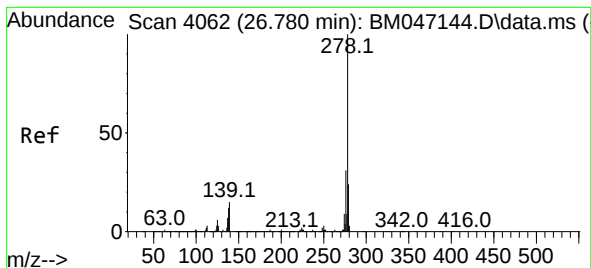


#90
Benzo(a)pyrene
Concen: 3.316 ng
RT: 23.591 min Scan# 3520
Delta R.T. -0.018 min
Lab File: BM047156.D
Acq: 12 Aug 2024 14:25



Tgt Ion:252 Resp: 345243
Ion Ratio Lower Upper
252 100
253 22.4 17.1 25.7
125 11.9 8.2 12.2





#91

Dibenzo(a,h)anthracene

Concen: 3.711 ng

RT: 26.762 min Scan# 4062

Delta R.T. -0.018 min

Lab File: BM047156.D

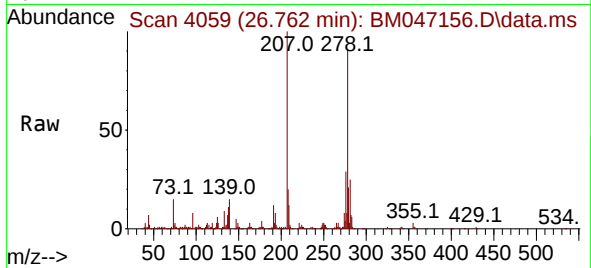
Acq: 12 Aug 2024 14:25

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2024



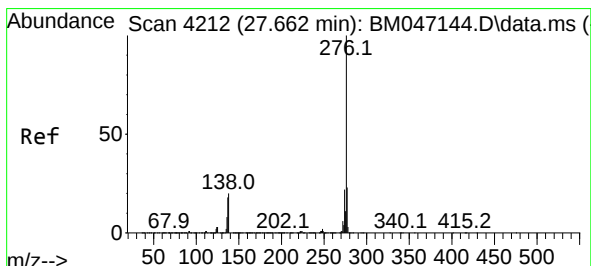
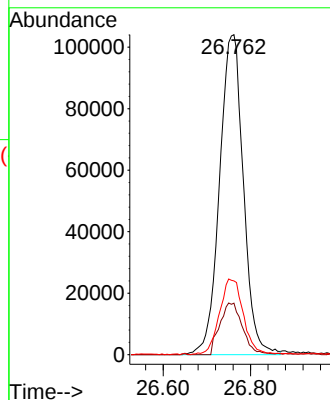
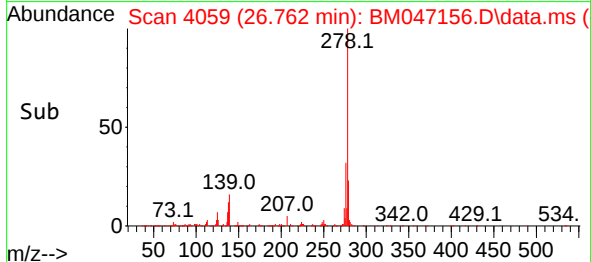
Tgt Ion:	278	Resp:	39291
Ion Ratio	Lower	Upper	
278	100		
139	16.1	12.0	18.0
279	23.0	19.2	28.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/13/2024

Supervised By :mohammad ahmed 08/14/2024



#92

Benzo(g,h,i)perylene

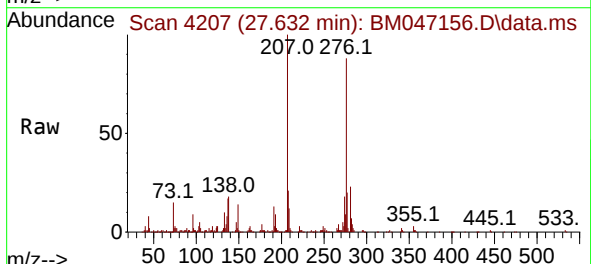
Concen: 3.624 ng

RT: 27.632 min Scan# 4207

Delta R.T. -0.030 min

Lab File: BM047156.D

Acq: 12 Aug 2024 14:25



Tgt Ion:	276	Resp:	398338
Ion Ratio	Lower	Upper	
276	100		
277	22.4	18.8	28.2
138	20.0	16.2	24.4

