

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092024\
 Data File : BM047594.D
 Acq On : 20 Sep 2024 18:20
 Operator : RC/JU
 Sample : P2403-09
 Misc : MDL-MDL-WATER 8 ppm
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT2-2024

Quant Time: Sep 21 03:26:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM092024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 21 02:22:39 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/23/2024
 Supervised By :mohammad ahmed 09/24/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.845	152	288688	20.000	ng	0.00
21) Naphthalene-d8	10.639	136	1207532	20.000	ng	0.00
39) Acenaphthene-d10	14.474	164	647684	20.000	ng	0.00
64) Phenanthrene-d10	17.209	188	1196884	20.000	ng	0.00
76) Chrysene-d12	21.433	240	1040049	20.000	ng	0.00
86) Perylene-d12	24.456	264	1116061	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	2195077	116.522	ng	0.00
7) Phenol-d6	7.004	99	2856939	115.097	ng	0.00
23) Nitrobenzene-d5	8.998	82	1868510	77.029	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	643775	107.343	ng	0.00
45) 2-Fluorobiphenyl	13.098	172	3464250	75.682	ng	0.00
79) Terphenyl-d14	19.827	244	4128979	71.232	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.316	88	62154	7.578	ng	98
3) Pyridine	3.716	79	147016	6.466	ng	98
4) n-Nitrosodimethylamine	3.622	42	67615	7.172	ng	# 99
6) Aniline	7.169	93	183210	8.616	ng	100
8) 2-Chlorophenol	7.410	128	144262	7.315	ng	98
9) Benzaldehyde	6.981	77	134879m	10.648	ng	
10) Phenol	7.028	94	181085	7.347	ng	94
11) bis(2-Chloroethyl)ether	7.263	93	143081	7.223	ng	97
12) 1,3-Dichlorobenzene	7.734	146	153192	7.024	ng	98
13) 1,4-Dichlorobenzene	7.881	146	154800	7.015	ng	97
14) 1,2-Dichlorobenzene	8.198	146	148506	6.981	ng	95
15) Benzyl Alcohol	8.075	79	110140	6.877	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.363	45	197773	7.832	ng	100
17) 2-Methylphenol	8.281	107	103517	6.683	ng	97
18) Hexachloroethane	8.928	117	63629	7.110	ng	93
19) n-Nitroso-di-n-propyla...	8.645	70	103931	6.836	ng	98
20) 3+4-Methylphenols	8.604	107	141447	6.704	ng	98
22) Acetophenone	8.663	105	213552	6.788	ng	# 98
24) Nitrobenzene	9.039	77	169758	6.776	ng	99
25) Isophorone	9.569	82	260880	6.435	ng	97
26) 2-Nitrophenol	9.751	139	47083	5.345	ng	97
27) 2,4-Dimethylphenol	9.810	122	85201	6.785	ng	98
28) bis(2-Chloroethoxy)met...	10.045	93	172646	6.620	ng	100
29) 2,4-Dichlorophenol	10.281	162	96395	6.073	ng	99
30) 1,2,4-Trichlorobenzene	10.498	180	115922	6.407	ng	97
31) Naphthalene	10.692	128	411172	6.436	ng	100
32) Benzoic acid	9.869	122	47461m	4.055	ng	
33) 4-Chloroaniline	10.792	127	154465	6.858	ng	99
34) Hexachlorobutadiene	10.986	225	60575	6.152	ng	96
35) Caprolactam	11.545	113	28418m	5.179	ng	
36) 4-Chloro-3-methylphenol	11.910	107	102863	5.680	ng	99
37) 2-Methylnaphthalene	12.298	142	246809	6.149	ng	98
38) 1-Methylnaphthalene	12.516	142	232913m	5.850	ng	
40) 1,2,4,5-Tetrachloroben...	12.669	216	110587	6.470	ng	99
41) Hexachlorocyclopentadiene	12.657	237	41629	7.377	ng	94
43) 2,4,6-Trichlorophenol	12.904	196	62298	5.608	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.974	196	69329	5.553	ng	98
46) 1,1'-Biphenyl	13.310	154	332151	6.640	ng	98
47) 2-Chloronaphthalene	13.351	162	246067	6.287	ng	99
48) 2-Nitroaniline	13.545	65	61178	5.234	ng	96
49) Acenaphthylene	14.192	152	374959	6.657	ng	98
50) Dimethylphthalate	13.927	163	275447	6.159	ng	99
51) 2,6-Dinitrotoluene	14.039	165	49534	5.287	ng	94
52) Acenaphthene	14.539	154	225235m	6.053	ng	
53) 3-Nitroaniline	14.363	138	58035	5.401	ng	# 90
54) 2,4-Dinitrophenol	14.568	184	15673	3.690	ng	91
55) Dibenzofuran	14.868	168	347666	6.394	ng	100
56) 4-Nitrophenol	14.668	139	46103	5.007	ng	95
57) 2,4-Dinitrotoluene	14.821	165	60058	4.811	ng	92
58) Fluorene	15.515	166	275710	5.729	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.092	232	53685	5.625	ng	96
60) Diethylphthalate	15.292	149	281678	5.908	ng	98
61) 4-Chlorophenyl-phenyle...	15.515	204	119791	5.697	ng	98
62) 4-Nitroaniline	15.521	138	58079	4.797	ng	95
63) Azobenzene	15.804	77	318924	6.119	ng	99
65) 4,6-Dinitro-2-methylph...	15.586	198	23107	4.074	ng	97
66) n-Nitrosodiphenylamine	15.721	169	219957	6.153	ng	98
67) 4-Bromophenyl-phenylether	16.404	248	65441	6.019	ng	91
68) Hexachlorobenzene	16.521	284	76021	5.981	ng	99
69) Atrazine	16.668	200	60294	7.006	ng	96
70) Pentachlorophenol	16.857	266	37693	4.725	ng	98
71) Phenanthrene	17.251	178	406680	6.260	ng	99
72) Anthracene	17.339	178	383150	6.225	ng	99
73) Carbazole	17.604	167	373087	5.817	ng	99
74) Di-n-butylphthalate	18.180	149	412858	5.322	ng	99
75) Fluoranthene	19.256	202	393476	5.502	ng	97
77) Benzidine	19.439	184	159459	11.258	ng	97
78) Pyrene	19.621	202	421075	5.784	ng	99
80) Butylbenzylphthalate	20.515	149	160495	5.064	ng	94
81) Benzo(a)anthracene	21.415	228	426985	6.244	ng	99
82) 3,3'-Dichlorobenzidine	21.339	252	119026	5.604	ng	96
83) Chrysene	21.474	228	413883	6.364	ng	99
84) Bis(2-ethylhexyl)phtha...	21.345	149	254146	5.014	ng	98
85) Di-n-octyl phthalate	22.491	149	374380	4.786	ng	98
87) Indeno(1,2,3-cd)pyrene	27.868	276	476917	6.214	ng	# 88
88) Benzo(b)fluoranthene	23.497	252	403381	5.751	ng	97
89) Benzo(k)fluoranthene	23.562	252	409132	5.942	ng	97
90) Benzo(a)pyrene	24.315	252	359390	6.043	ng	99
91) Dibenzo(a,h)anthracene	27.932	278	392317	6.120	ng	99
92) Benzo(g,h,i)perylene	28.926	276	375201	5.840	ng	99

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

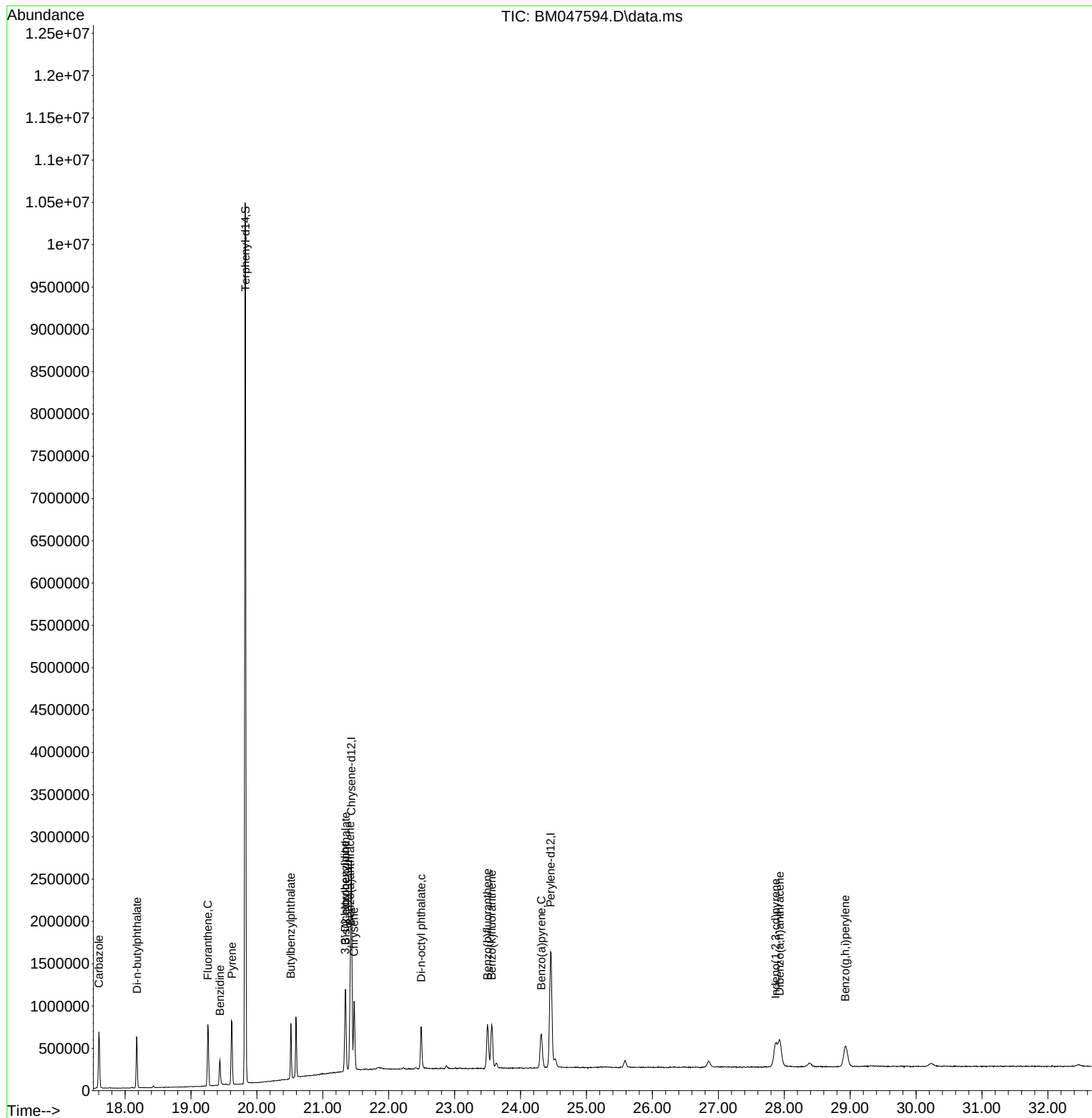
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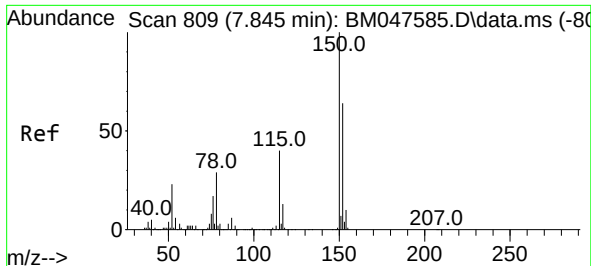
Instrument :
BNA_M
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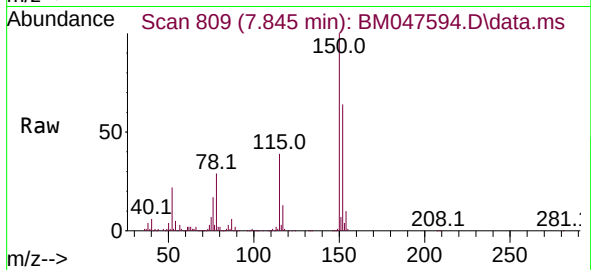
Reviewed By :Jagrut Upadhyay 09/23/2024
Supervised By :mohammad ahmed 09/24/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.845 min Scan# 809
Delta R.T. 0.000 min
Lab File: BM047594.D
Acq: 20 Sep 2024 18:20

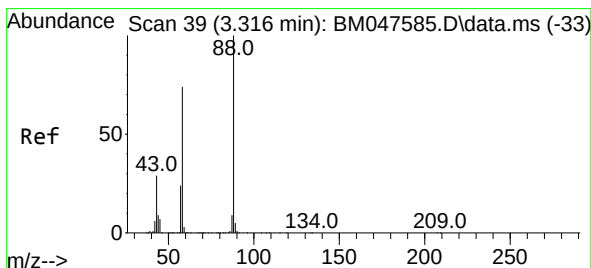
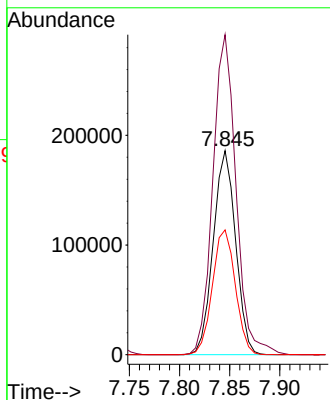
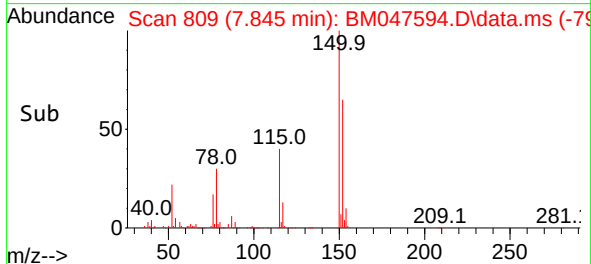
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2024



Tgt Ion: 152 Resp: 28868
Ion Ratio Lower Upper
152 100
150 156.8 124.5 186.7
115 61.2 49.9 74.9

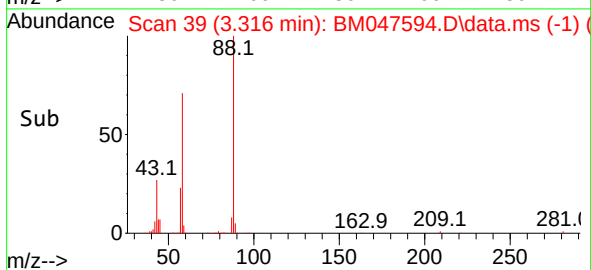
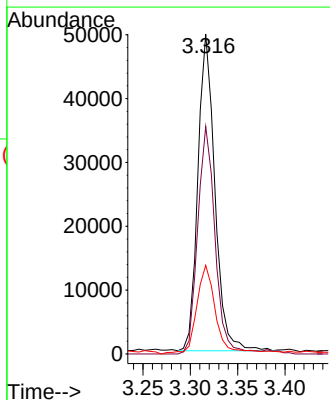
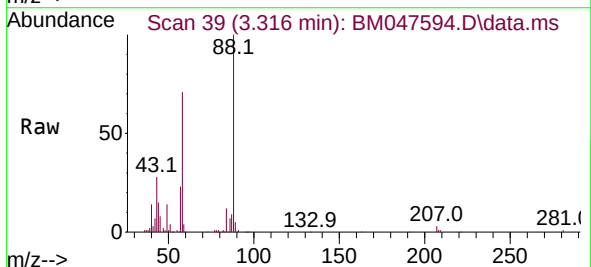
Manual Integrations
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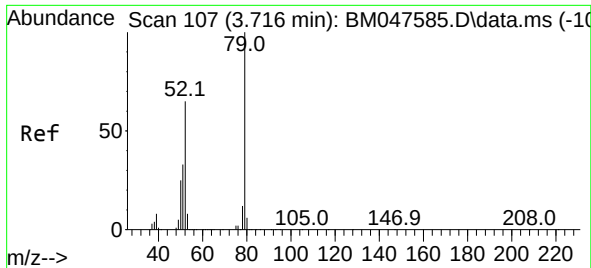
Reviewed By :Jagrut Upadhyay 09/23/2024
Supervised By :mohammad ahmed 09/24/2024



#2
1,4-Dioxane
Concen: 7.578 ng
RT: 3.316 min Scan# 39
Delta R.T. 0.000 min
Lab File: BM047594.D
Acq: 20 Sep 2024 18:20

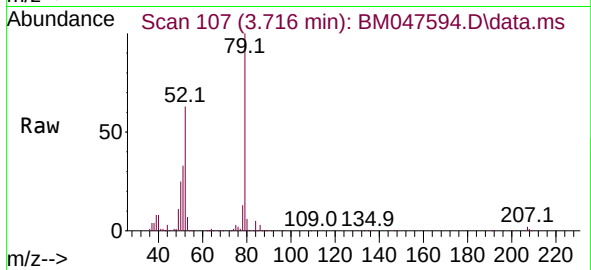
Tgt Ion: 88 Resp: 62154
Ion Ratio Lower Upper
88 100
58 73.4 58.0 87.0
43 32.1 23.1 34.7





#3
Pyridine
Concen: 6.466 ng
RT: 3.716 min Scan# 107
Delta R.T. 0.000 min
Lab File: BM047594.D
Acq: 20 Sep 2024 18:20

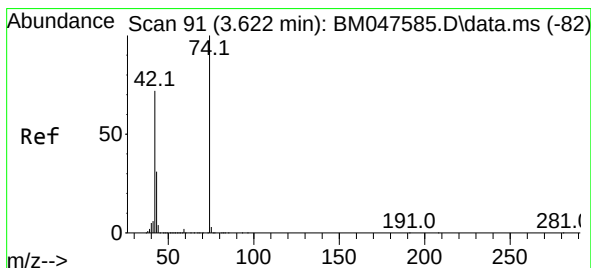
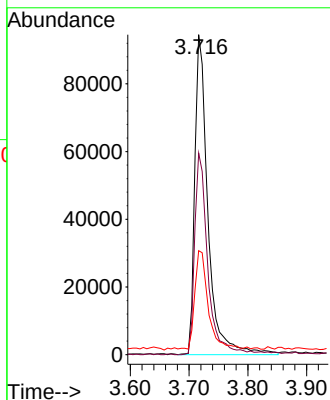
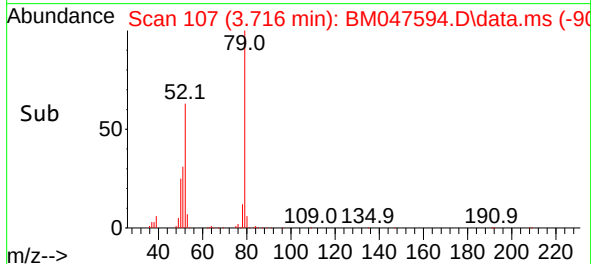
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2024



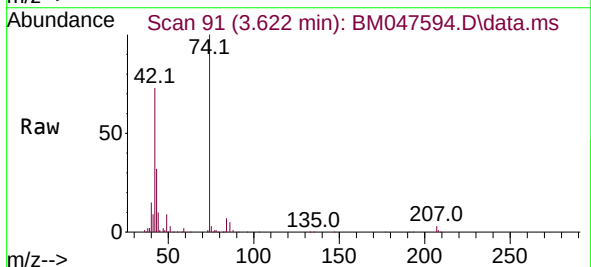
Tgt Ion: 79 Resp: 147010
Ion Ratio Lower Upper
79 100
52 63.0 52.2 78.2
51 32.5 26.5 39.7

Manual Integrations
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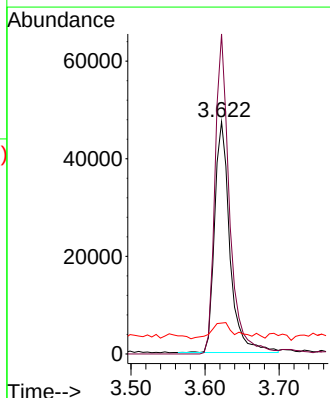
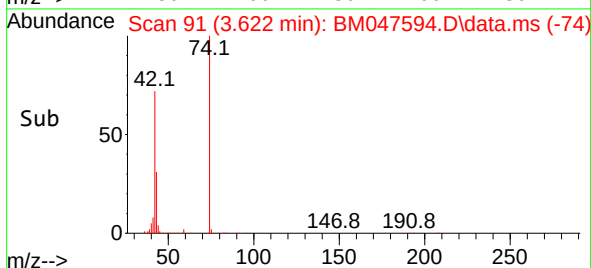
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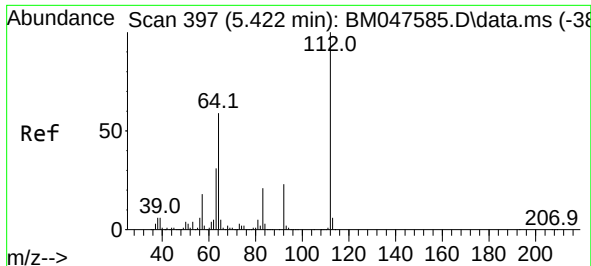


#4
n-Nitrosodimethylamine
Concen: 7.172 ng
RT: 3.622 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM047594.D
Acq: 20 Sep 2024 18:20



Tgt Ion: 42 Resp: 67615
Ion Ratio Lower Upper
42 100
74 137.9 110.8 166.2
44 13.3 6.1 9.1#





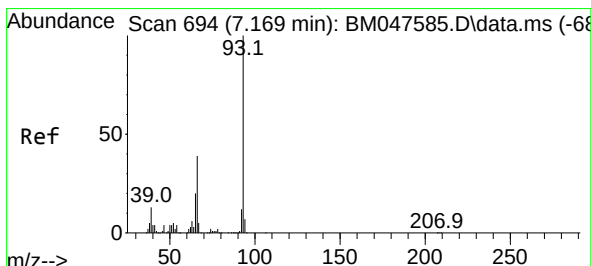
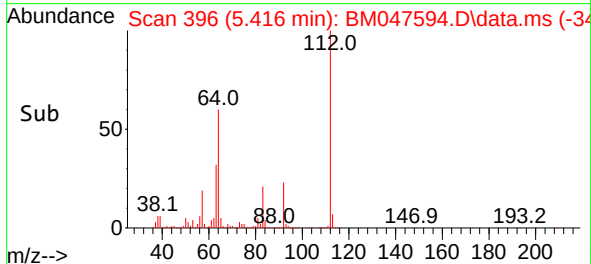
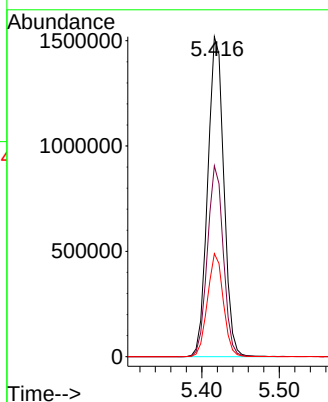
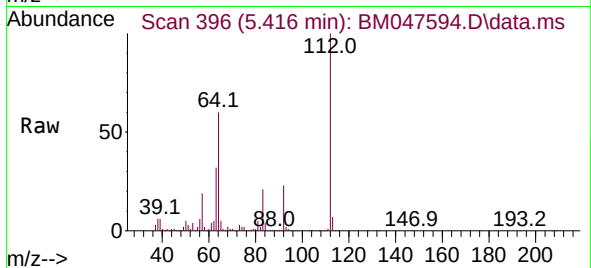
#5
2-Fluorophenol
Concen: 116.522 ng
RT: 5.416 min Scan# 396
Delta R.T. -0.006 min
Lab File: BM047594.D
Acq: 20 Sep 2024 18:20

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2024

Tgt Ion:112 Resp: 219507
Ion Ratio Lower Upper
112 100
64 59.6 46.8 70.2
63 32.2 25.2 37.8

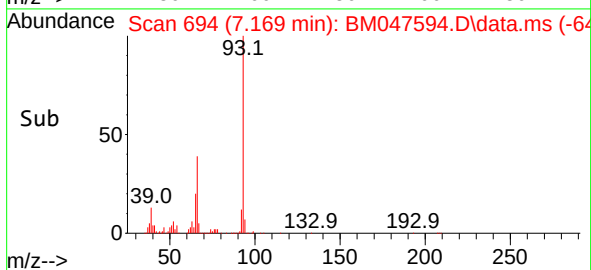
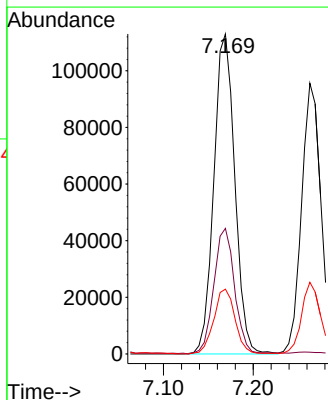
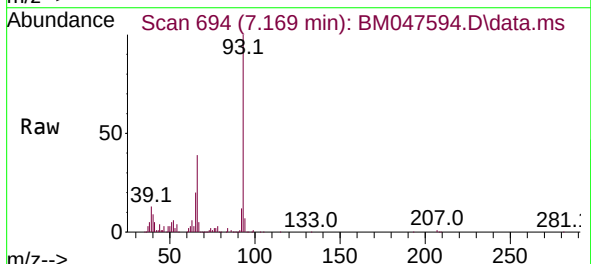
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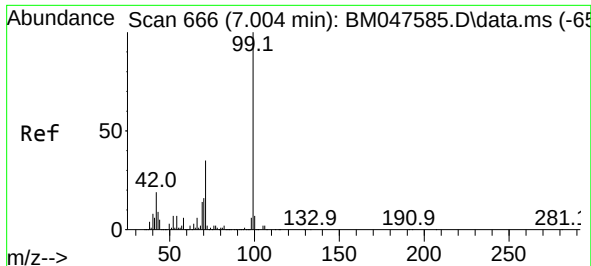
Reviewed By :Jagrut Upadhyay 09/23/2024
Supervised By :mohammad ahmed 09/24/2024



#6
Aniline
Concen: 8.616 ng
RT: 7.169 min Scan# 694
Delta R.T. 0.000 min
Lab File: BM047594.D
Acq: 20 Sep 2024 18:20

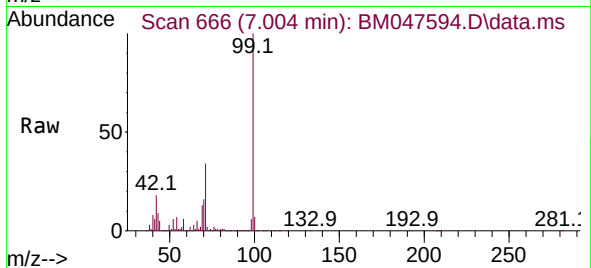
Tgt Ion: 93 Resp: 183210
Ion Ratio Lower Upper
93 100
66 39.3 31.4 47.0
65 20.2 16.2 24.2





#7
Phenol-d6
Concen: 115.097 ng
RT: 7.004 min Scan# 666
Delta R.T. 0.000 min
Lab File: BM047594.D
Acq: 20 Sep 2024 18:20

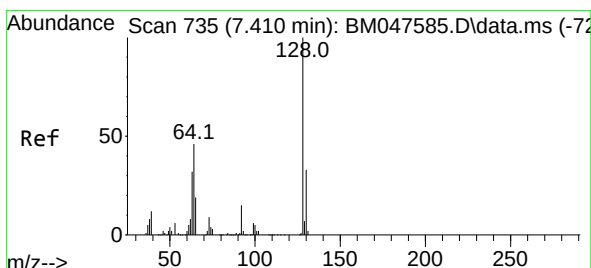
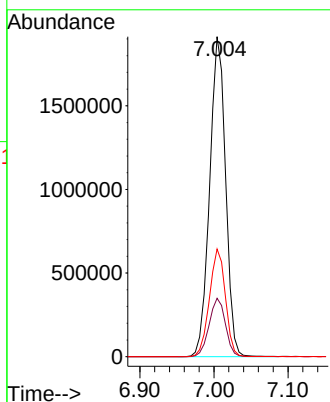
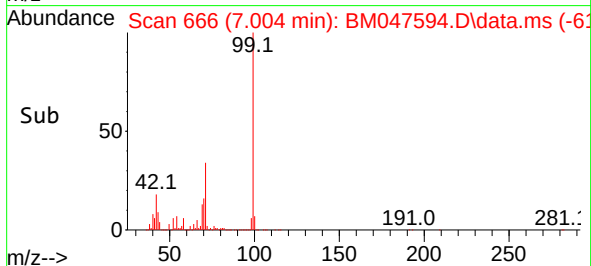
Instrument :
BNA_M
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Tgt Ion: 99 Resp: 2856939
Ion Ratio Lower Upper
99 100
42 18.3 15.3 22.9
71 33.7 27.8 41.6

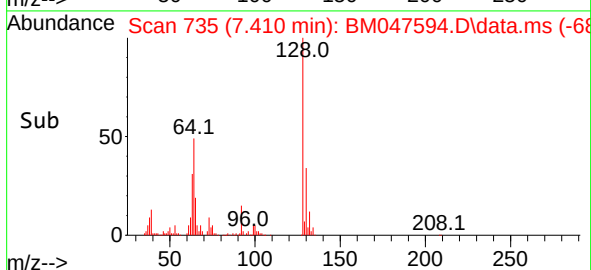
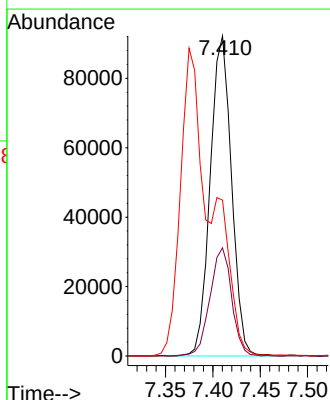
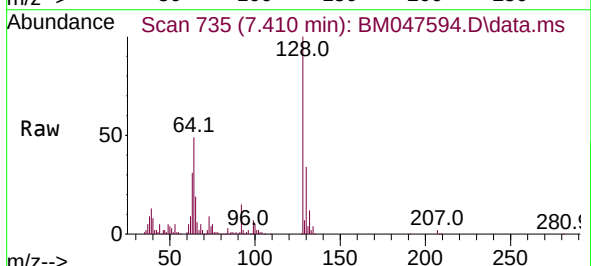
Manual Integrations
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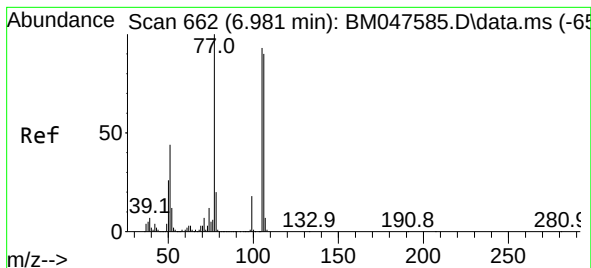
Reviewed By :Jagrut Upadhyay 09/23/2024
Supervised By :mohammad ahmed 09/24/2024



#8
2-Chlorophenol
Concen: 7.315 ng
RT: 7.410 min Scan# 735
Delta R.T. 0.000 min
Lab File: BM047594.D
Acq: 20 Sep 2024 18:20

Tgt Ion:128 Resp: 144262
Ion Ratio Lower Upper
128 100
130 33.8 12.6 52.6
64 48.7 27.6 67.6





#9

Benzaldehyde

Concen: 10.648 ng m

RT: 6.981 min Scan# 6

Delta R.T. -0.000 min

Lab File: BM047594.D

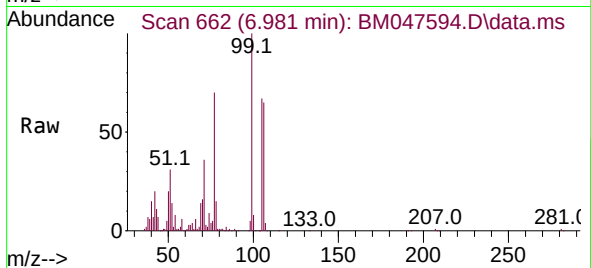
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Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2024

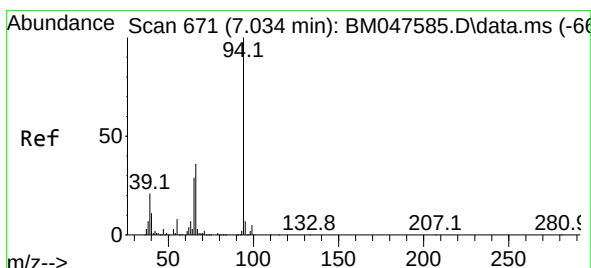
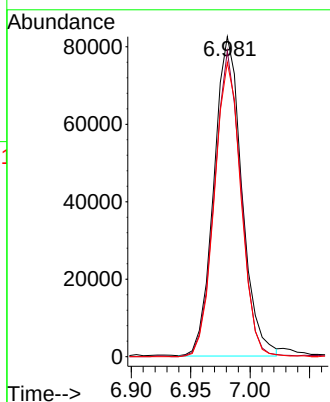
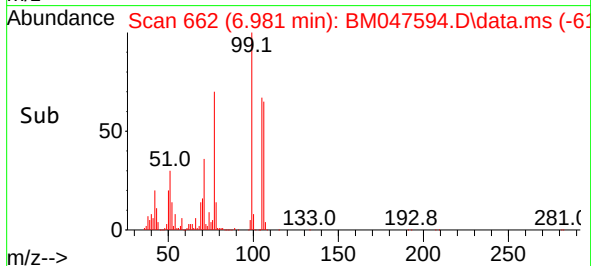


Tgt Ion:	77	Resp:	134879
Ion Ratio	Lower	Upper	
77	100		
105	95.6	73.0	113.0
106	92.0	70.3	110.3

Manual Integrations

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#10

Phenol

Concen: 7.347 ng

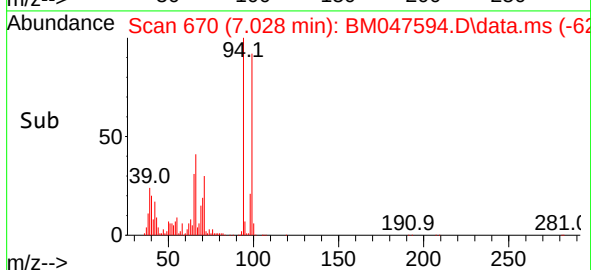
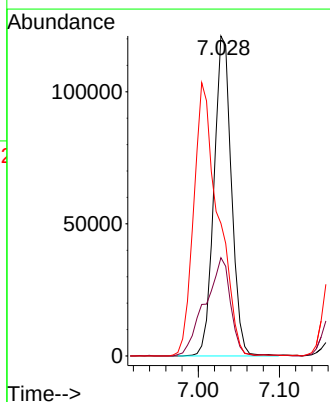
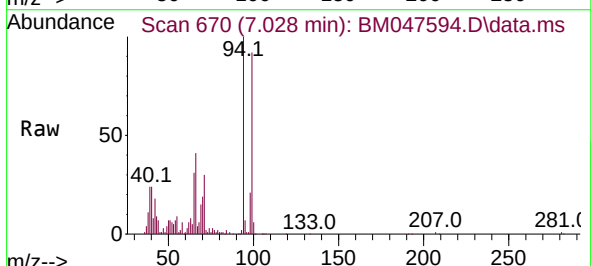
RT: 7.028 min Scan# 670

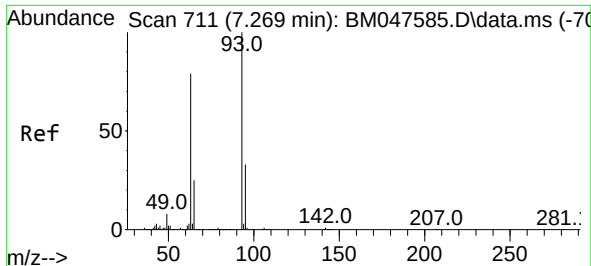
Delta R.T. -0.006 min

Lab File: BM047594.D

Acq: 20 Sep 2024 18:20

Tgt Ion:	94	Resp:	181085
Ion Ratio	Lower	Upper	
94	100		
65	30.7	9.1	49.1
66	41.5	16.5	56.5





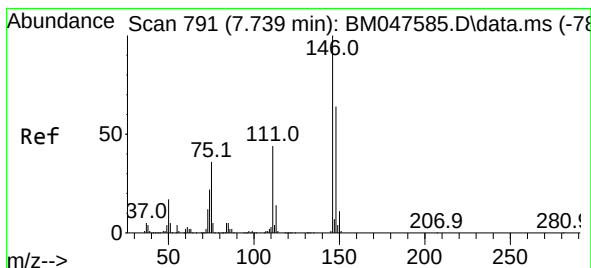
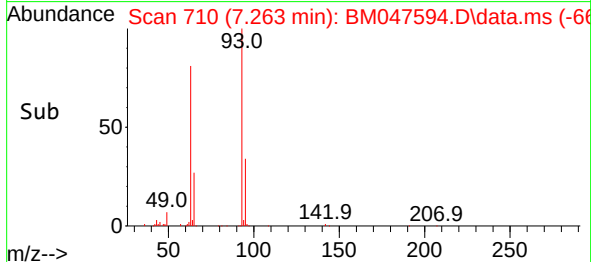
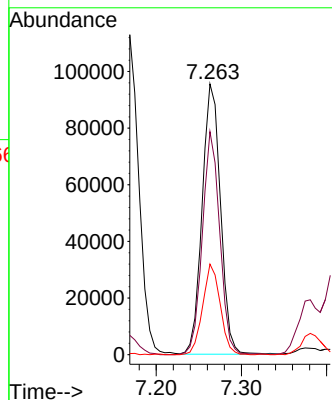
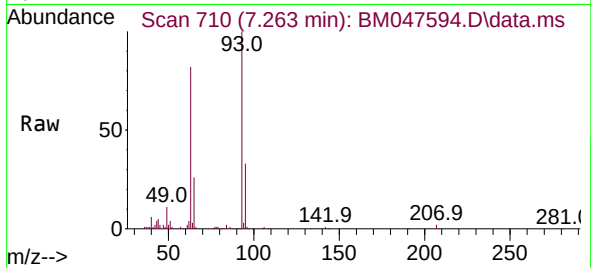
#11
bis(2-Chloroethyl)ether
Concen: 7.223 ng
RT: 7.263 min Scan# 711
Delta R.T. -0.006 min
Lab File: BM047594.D
Acq: 20 Sep 2024 18:20

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2024

Tgt Ion: 93 Resp: 14308
Ion Ratio Lower Upper
93 100
63 82.4 58.5 98.5
95 33.4 12.9 52.9

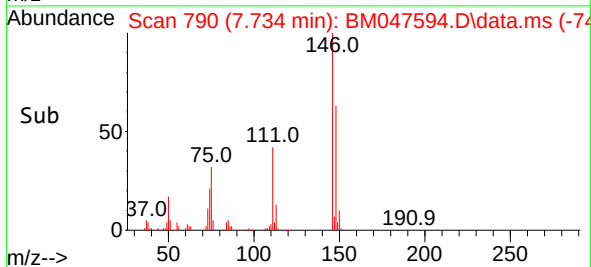
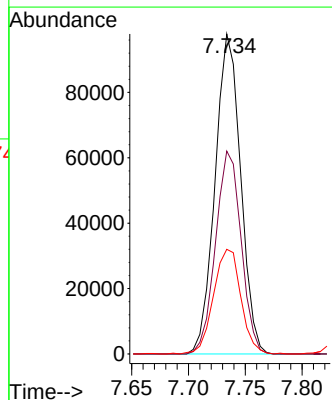
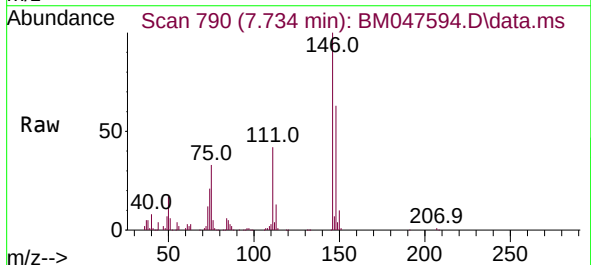
Manual Integrations
APPROVED

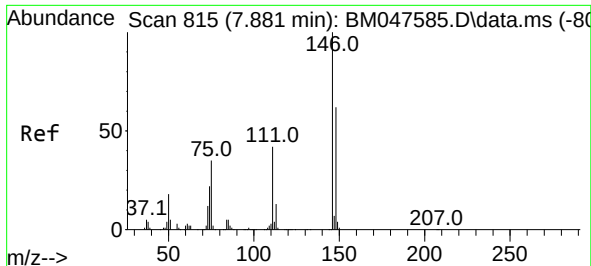
Reviewed By :Jagrut Upadhyay 09/23/2024
Supervised By :mohammad ahmed 09/24/2024



#12
1,3-Dichlorobenzene
Concen: 7.024 ng
RT: 7.734 min Scan# 790
Delta R.T. -0.006 min
Lab File: BM047594.D
Acq: 20 Sep 2024 18:20

Tgt Ion:146 Resp: 153192
Ion Ratio Lower Upper
146 100
148 63.4 51.4 77.2
75 32.7 28.4 42.6





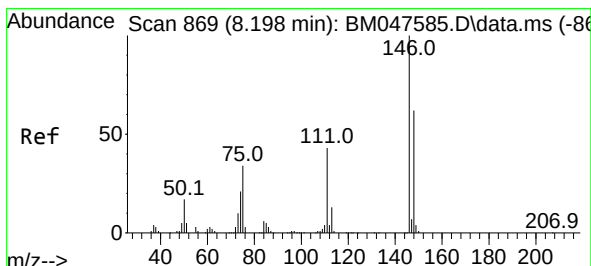
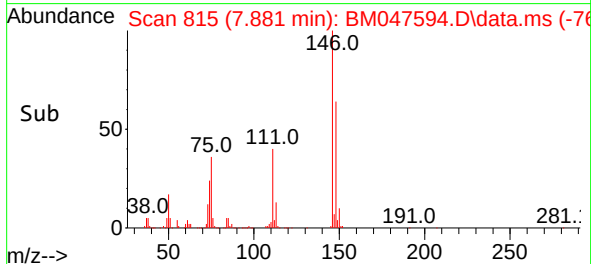
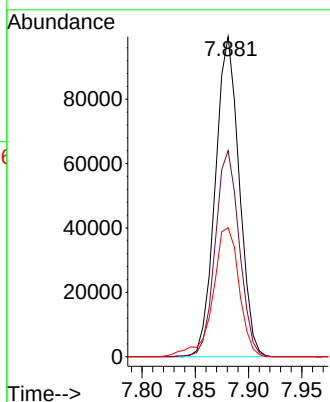
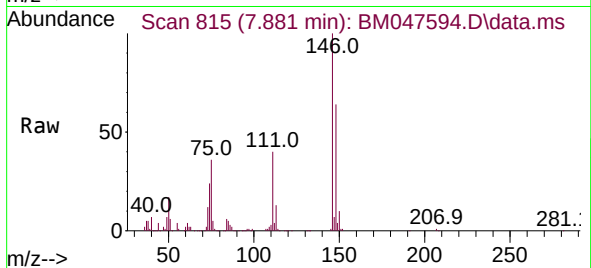
#13
1,4-Dichlorobenzene
Concen: 7.015 ng
RT: 7.881 min Scan# 815
Delta R.T. 0.000 min
Lab File: BM047594.D
Acq: 20 Sep 2024 18:20

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2024

Tgt Ion:146 Resp: 154800
Ion Ratio Lower Upper
146 100
148 64.4 49.8 74.6
111 40.3 33.3 49.9

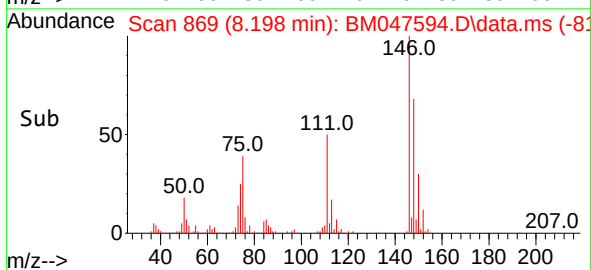
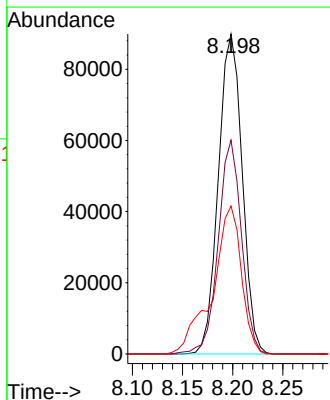
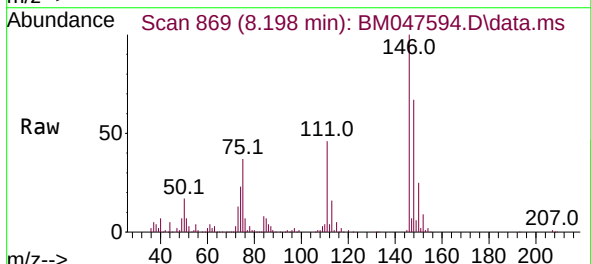
Manual Integrations
APPROVED

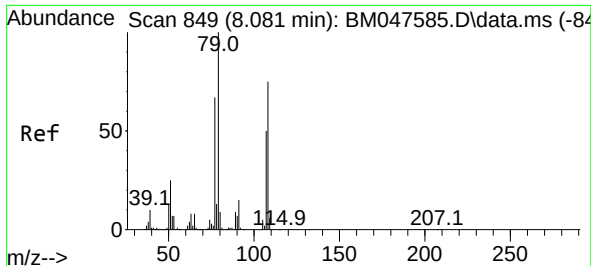
Reviewed By :Jagrut Upadhyay 09/23/2024
Supervised By :mohammad ahmed 09/24/2024



#14
1,2-Dichlorobenzene
Concen: 6.981 ng
RT: 8.198 min Scan# 869
Delta R.T. 0.000 min
Lab File: BM047594.D
Acq: 20 Sep 2024 18:20

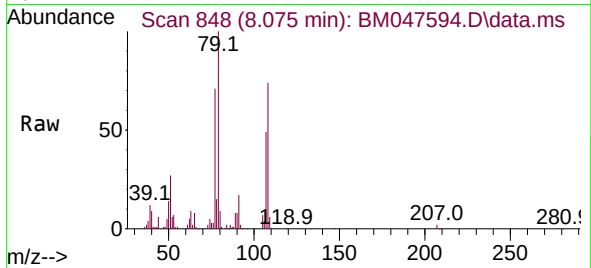
Tgt Ion:146 Resp: 148506
Ion Ratio Lower Upper
146 100
148 66.8 49.7 74.5
111 46.3 34.8 52.2





#15
Benzyl Alcohol
Concen: 6.877 ng
RT: 8.075 min Scan# 849
Delta R.T. -0.006 min
Lab File: BM047594.D
Acq: 20 Sep 2024 18:20

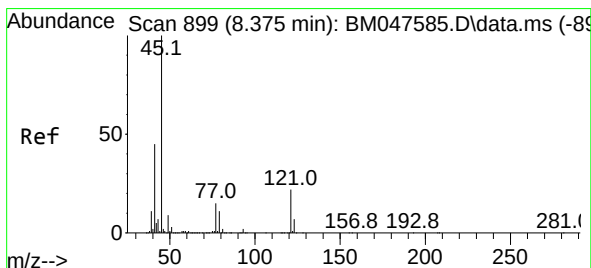
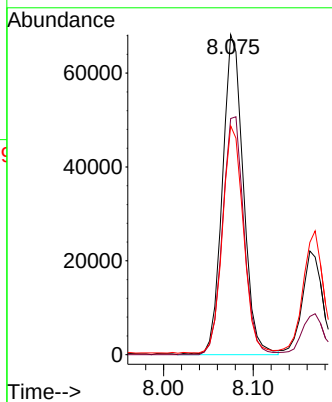
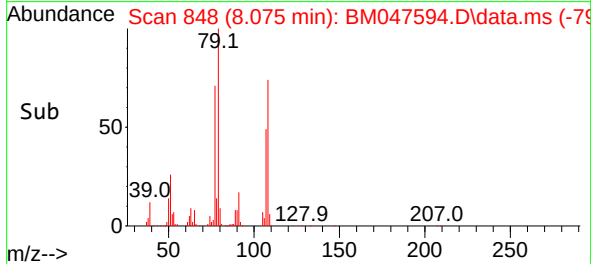
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2024



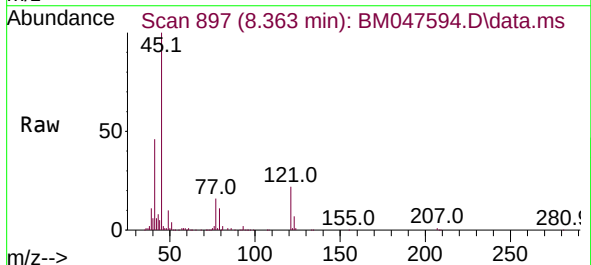
Tgt Ion: 79 Resp: 110140
Ion Ratio Lower Upper
79 100
108 73.8 60.2 90.2
77 71.5 53.9 80.9

Manual Integrations
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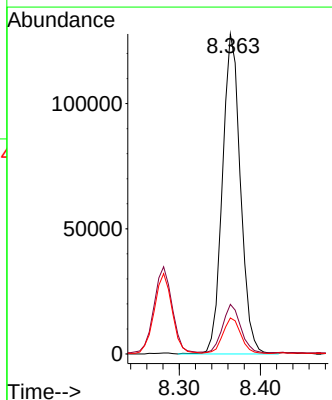
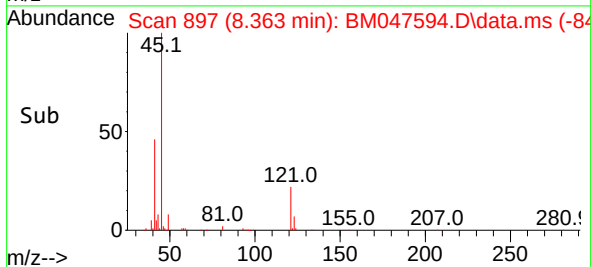
Reviewed By :Jagrut Upadhyay 09/23/2024
Supervised By :mohammad ahmed 09/24/2024

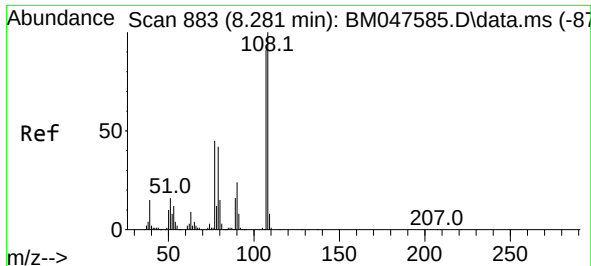


#16
2,2'-oxybis(1-Chloropropane)
Concen: 7.832 ng
RT: 8.363 min Scan# 897
Delta R.T. -0.012 min
Lab File: BM047594.D
Acq: 20 Sep 2024 18:20



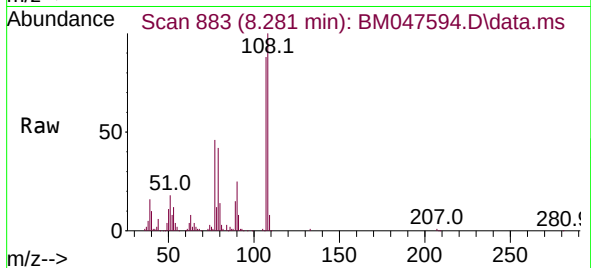
Tgt Ion: 45 Resp: 197773
Ion Ratio Lower Upper
45 100
77 15.5 0.0 35.5
79 11.2 0.0 31.6





#17
2-Methylphenol
Concen: 6.683 ng
RT: 8.281 min Scan# 883
Delta R.T. 0.000 min
Lab File: BM047594.D
Acq: 20 Sep 2024 18:20

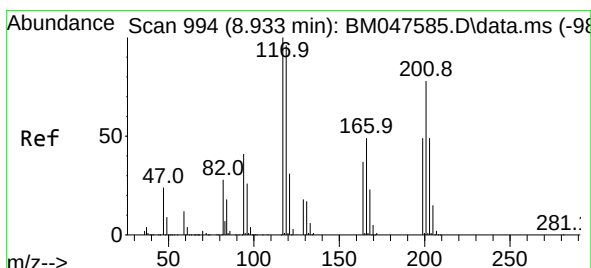
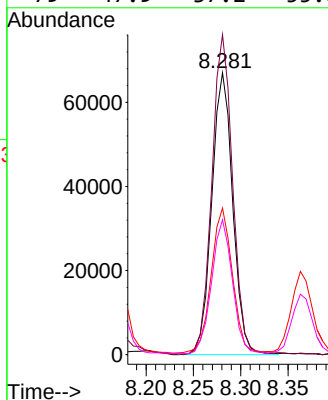
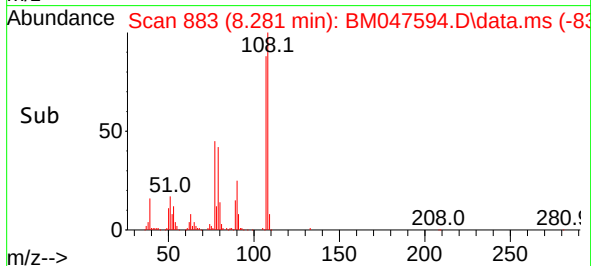
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2024



Tgt Ion	Ratio	Lower	Upper
107	100		
108	113.5	87.8	131.6
77	52.0	39.6	59.4
79	47.9	37.2	55.8

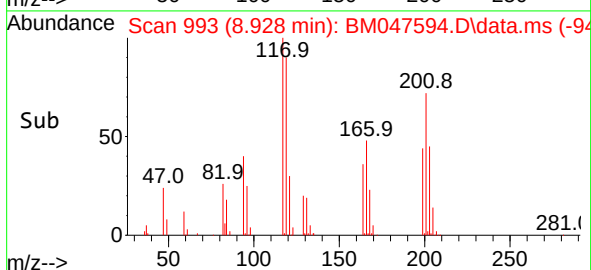
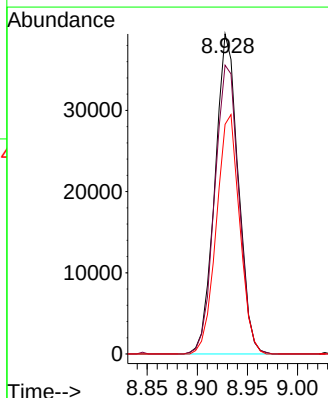
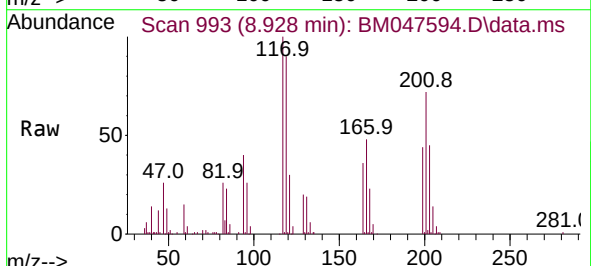
Manual Integrations
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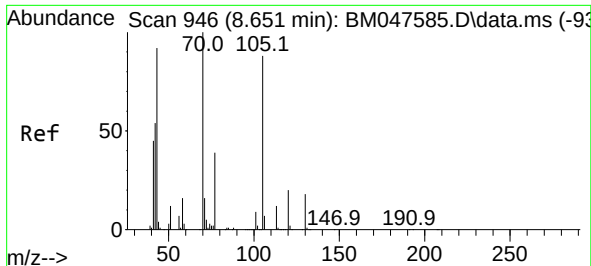
Reviewed By :Jagrut Upadhyay 09/23/2024
Supervised By :mohammad ahmed 09/24/2024



#18
Hexachloroethane
Concen: 7.110 ng
RT: 8.928 min Scan# 993
Delta R.T. -0.006 min
Lab File: BM047594.D
Acq: 20 Sep 2024 18:20

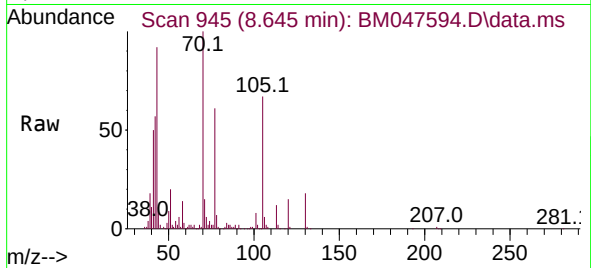
Tgt Ion	Ratio	Lower	Upper
117	100		
119	90.3	77.2	115.8
201	71.7	62.3	93.5





#19
n-Nitroso-di-n-propylamine
Concen: 6.836 ng
RT: 8.645 min Scan# 946
Delta R.T. -0.006 min
Lab File: BM047594.D
Acq: 20 Sep 2024 18:20

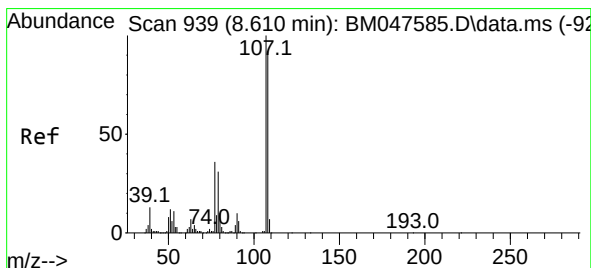
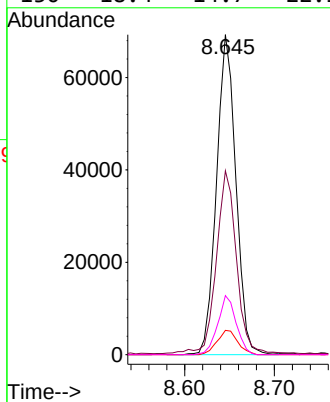
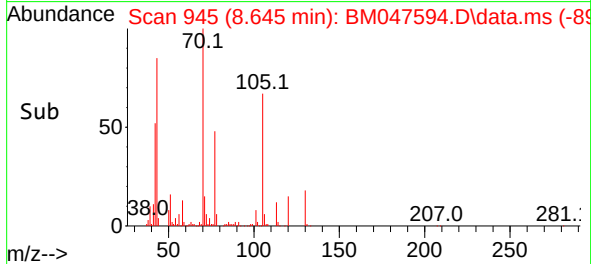
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2024



Tgt Ion: 70 Resp: 10393
Ion Ratio Lower Upper
70 100
42 57.4 44.2 66.2
101 7.6 7.0 10.4
130 18.4 14.7 22.1

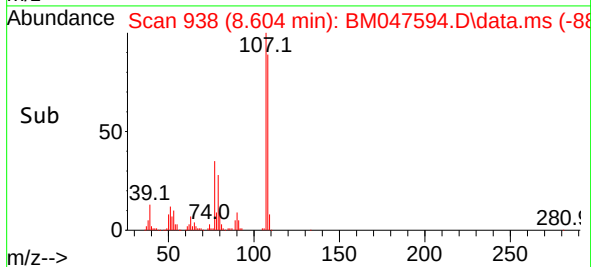
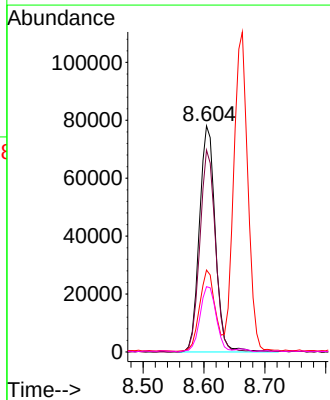
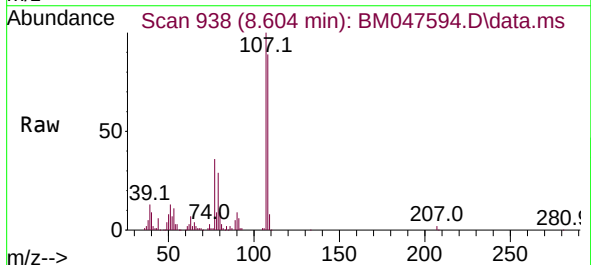
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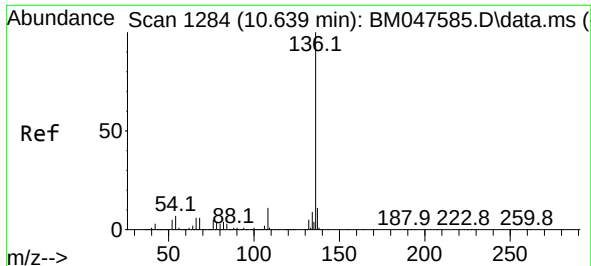
Reviewed By :Jagrut Upadhyay 09/23/2024
Supervised By :mohammad ahmed 09/24/2024



#20
3+4-Methylphenols
Concen: 6.704 ng
RT: 8.604 min Scan# 938
Delta R.T. -0.006 min
Lab File: BM047594.D
Acq: 20 Sep 2024 18:20

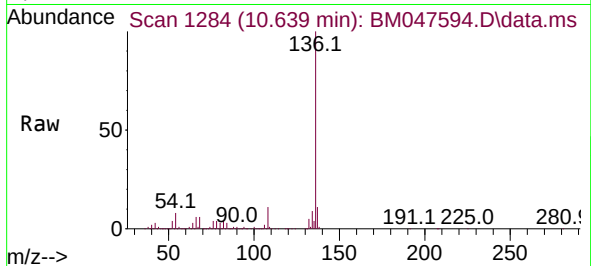
Tgt Ion:107 Resp: 141447
Ion Ratio Lower Upper
107 100
108 89.3 71.8 111.8
77 36.2 16.1 56.1
79 28.9 11.5 51.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.639 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM047594.D
Acq: 20 Sep 2024 18:20

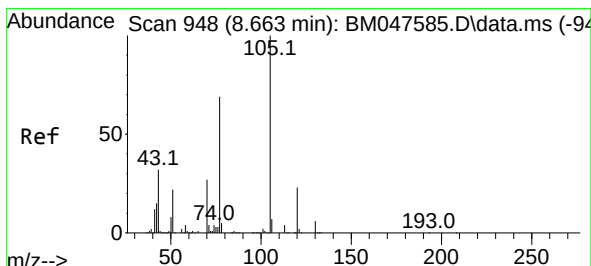
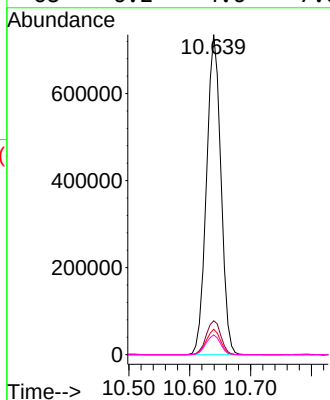
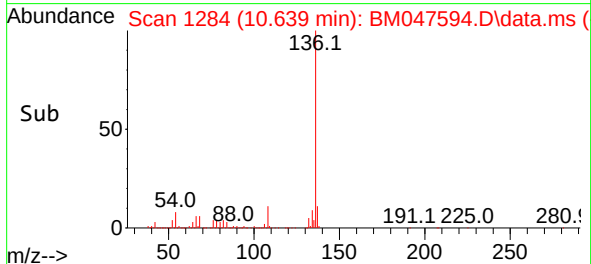
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2024



Tgt Ion:136 Resp: 120753
Ion Ratio Lower Upper
136 100
137 10.6 9.0 13.4
54 8.0 6.0 9.0
68 6.2 4.6 7.0

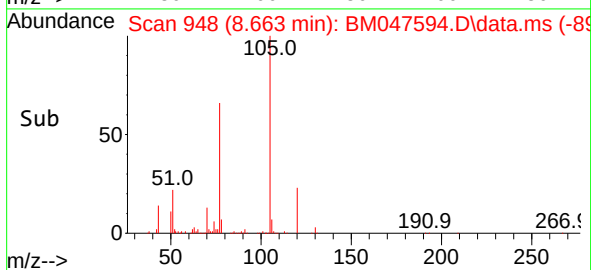
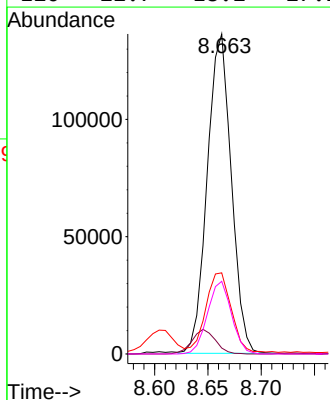
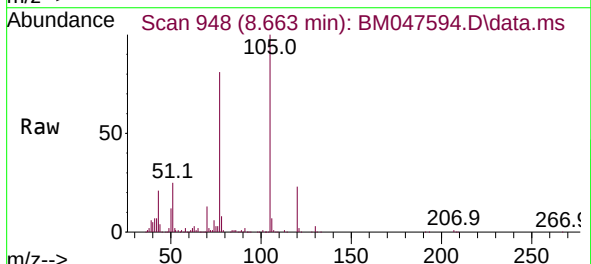
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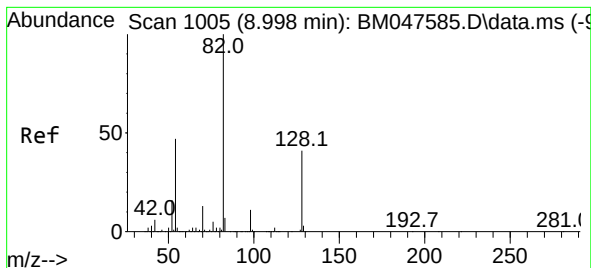
Reviewed By :Jagrut Upadhyay 09/23/2024
Supervised By :mohammad ahmed 09/24/2024



#22
Acetophenone
Concen: 6.788 ng
RT: 8.663 min Scan# 948
Delta R.T. 0.000 min
Lab File: BM047594.D
Acq: 20 Sep 2024 18:20

Tgt Ion:105 Resp: 213552
Ion Ratio Lower Upper
105 100
71 1.9 3.4 5.2#
51 25.4 21.4 32.2
120 22.7 18.2 27.2





#23

Nitrobenzene-d5

Concen: 77.029 ng

RT: 8.998 min Scan# 1005

Delta R.T. 0.000 min

Lab File: BM047594.D

Acq: 20 Sep 2024 18:20

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2024

Tgt Ion: 82 Resp: 1868510

Ion Ratio Lower Upper

82 100

128 40.4 32.5 48.7

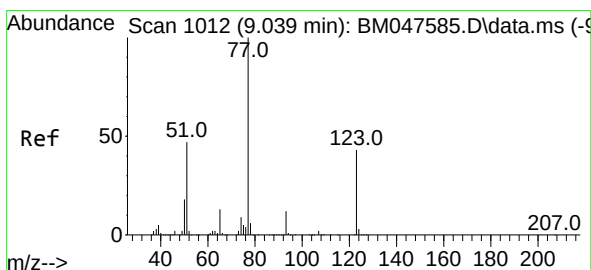
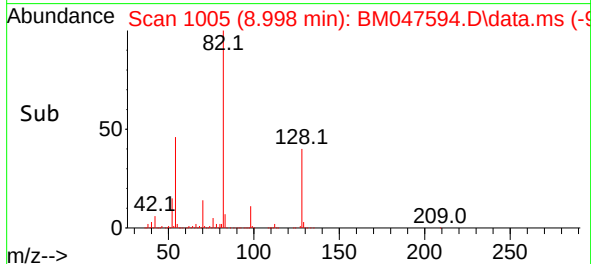
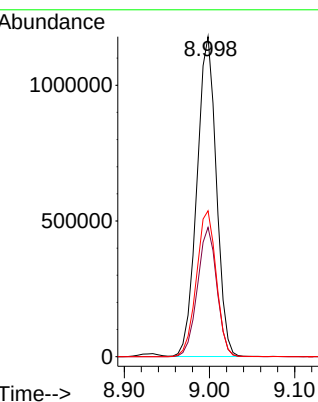
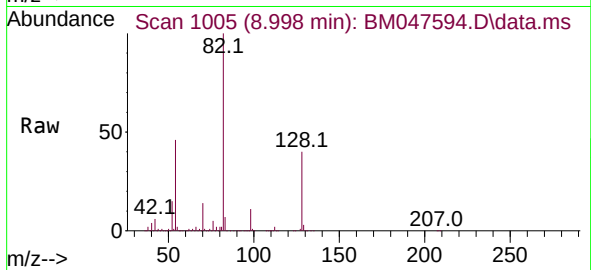
54 45.6 37.5 56.3

Manual Integrations

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Reviewed By :Jagrut Upadhyay 09/23/2024

Supervised By :mohammad ahmed 09/24/2024



#24

Nitrobenzene

Concen: 6.776 ng

RT: 9.039 min Scan# 1012

Delta R.T. 0.000 min

Lab File: BM047594.D

Acq: 20 Sep 2024 18:20

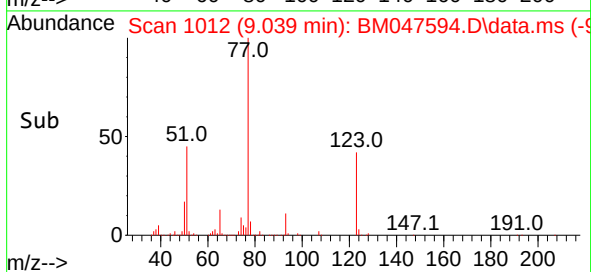
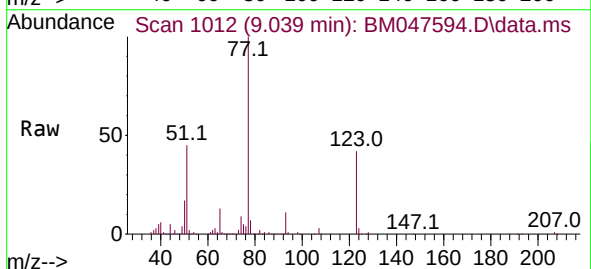
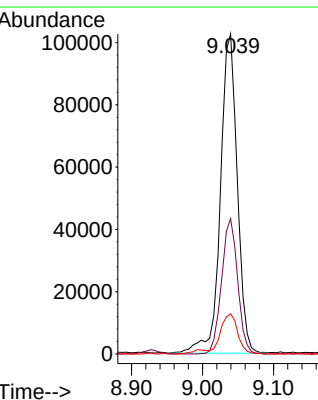
Tgt Ion: 77 Resp: 169758

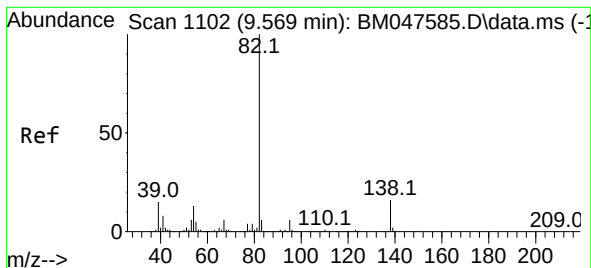
Ion Ratio Lower Upper

77 100

123 42.3 34.1 51.1

65 12.6 10.7 16.1





#25

Isophorone

Concen: 6.435 ng

RT: 9.569 min Scan# 1102

Delta R.T. 0.000 min

Lab File: BM047594.D

Acq: 20 Sep 2024 18:20

Instrument :

BNA_M

ClientSampleId :

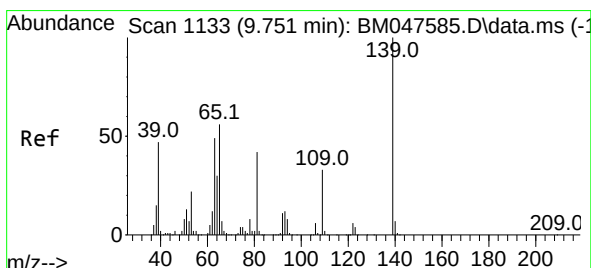
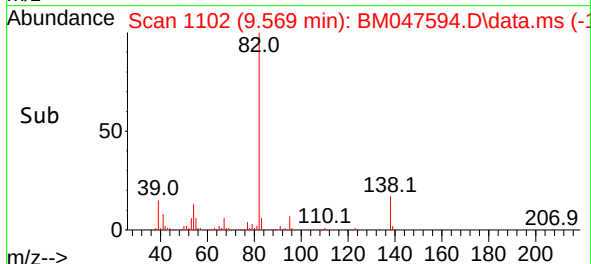
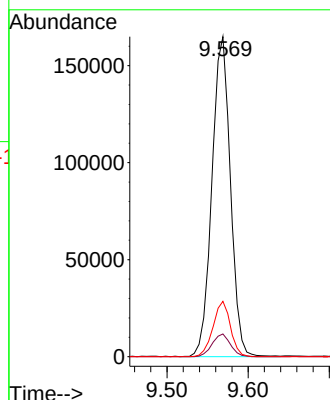
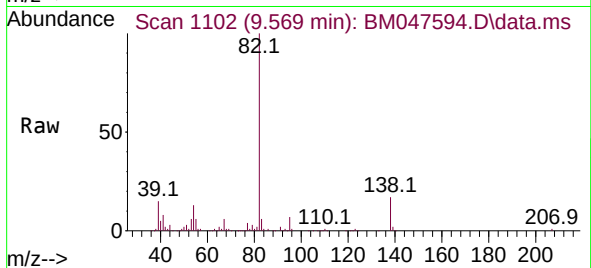
MDL-WATER-03-QT2-2024

Tgt Ion: 82 Resp: 260880
 Ion Ratio Lower Upper
 82 100
 95 7.1 5.0 7.6
 138 17.3 12.9 19.3

Manual Integrations

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Reviewed By :Jagrut Upadhyay 09/23/2024
 Supervised By :mohammad ahmed 09/24/2024



#26

2-Nitrophenol

Concen: 5.345 ng

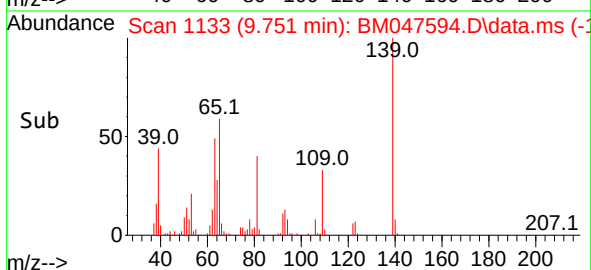
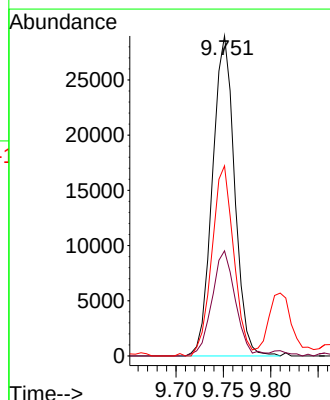
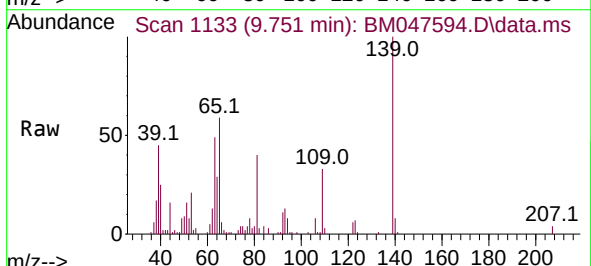
RT: 9.751 min Scan# 1133

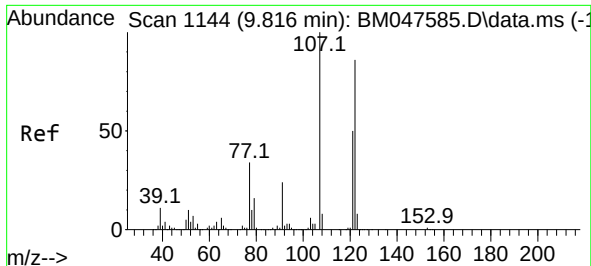
Delta R.T. 0.000 min

Lab File: BM047594.D

Acq: 20 Sep 2024 18:20

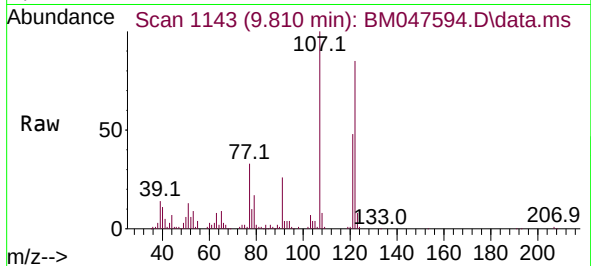
Tgt Ion:139 Resp: 47083
 Ion Ratio Lower Upper
 139 100
 109 32.8 26.1 39.1
 65 59.4 44.7 67.1





#27
2,4-Dimethylphenol
Concen: 6.785 ng
RT: 9.810 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BM047594.D
Acq: 20 Sep 2024 18:20

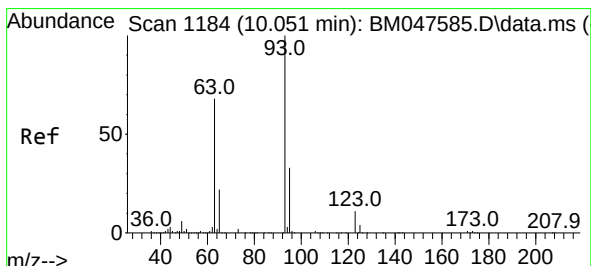
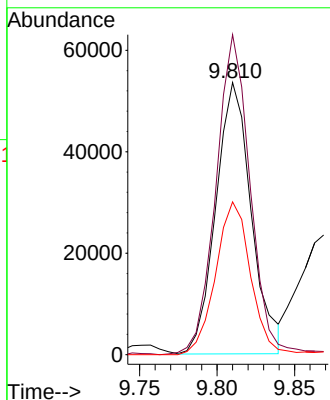
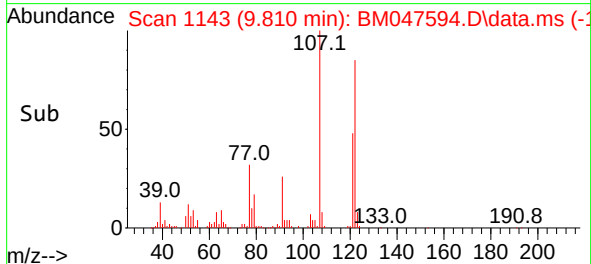
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2024



Tgt Ion:122 Resp: 8520
Ion Ratio Lower Upper
122 100
107 117.6 92.2 138.2
121 56.1 45.8 68.6

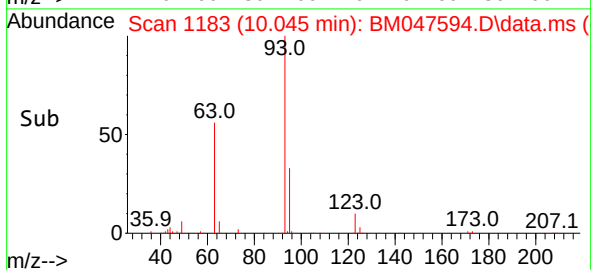
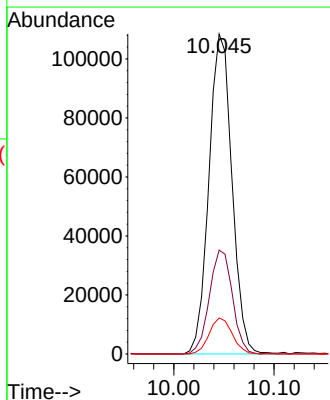
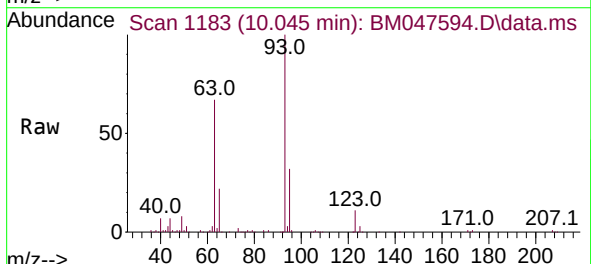
Manual Integrations
APPROVED

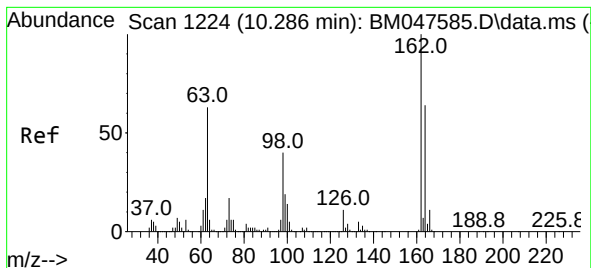
Reviewed By :Jagrut Upadhyay 09/23/2024
Supervised By :mohammad ahmed 09/24/2024



#28
bis(2-Chloroethoxy)methane
Concen: 6.620 ng
RT: 10.045 min Scan# 1183
Delta R.T. -0.006 min
Lab File: BM047594.D
Acq: 20 Sep 2024 18:20

Tgt Ion: 93 Resp: 172646
Ion Ratio Lower Upper
93 100
95 32.5 26.2 39.4
123 11.2 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 6.073 ng

RT: 10.281 min Scan# 1223

Delta R.T. -0.006 min

Lab File: BM047594.D

Acq: 20 Sep 2024 18:20

Instrument :

BNA_M

ClientSampleId :

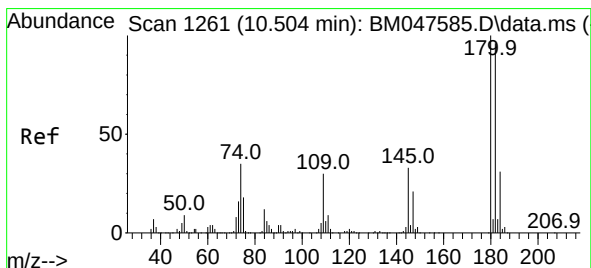
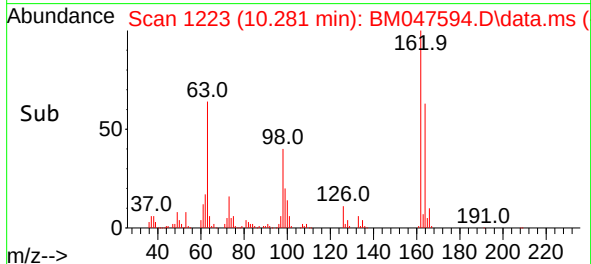
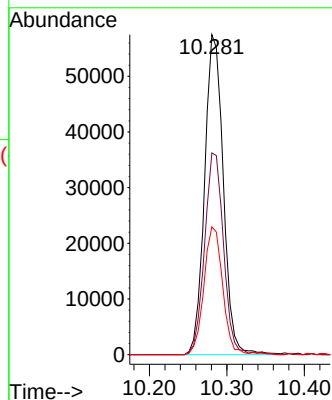
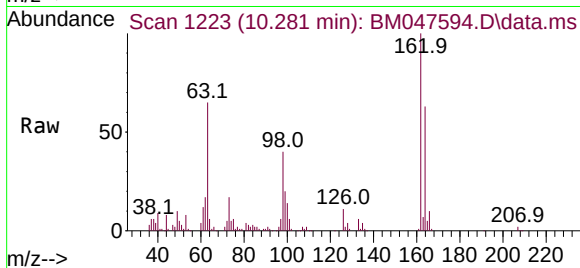
MDL-WATER-03-QT2-2024

Tgt Ion:162	Resp:	9639
Ion Ratio	Lower	Upper
162	100	
164	63.0	43.9 83.9
98	39.9	20.3 60.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/23/2024
Supervised By :mohammad ahmed 09/24/2024



#30

1,2,4-Trichlorobenzene

Concen: 6.407 ng

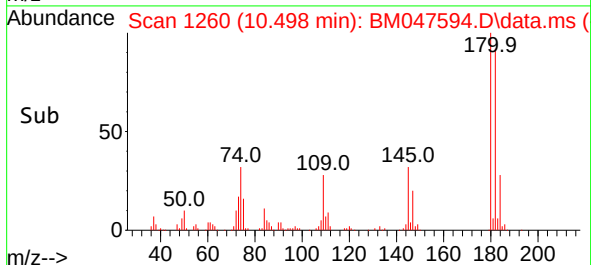
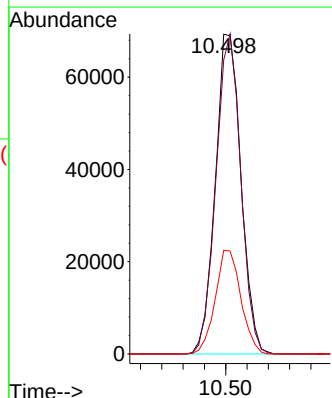
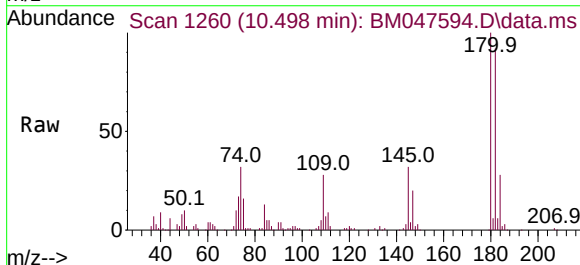
RT: 10.498 min Scan# 1260

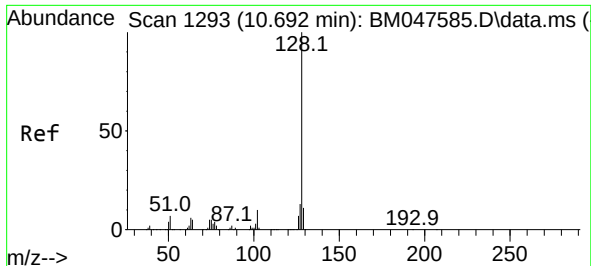
Delta R.T. -0.006 min

Lab File: BM047594.D

Acq: 20 Sep 2024 18:20

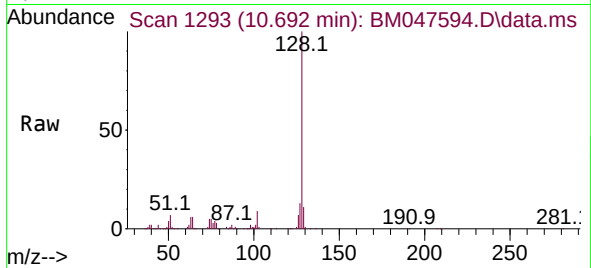
Tgt Ion:180	Resp:	115922
Ion Ratio	Lower	Upper
180	100	
182	92.0	76.6 115.0
145	32.5	26.2 39.2





#31
Naphthalene
Concen: 6.436 ng
RT: 10.692 min Scan# 1153
Delta R.T. 0.000 min
Lab File: BM047594.D
Acq: 20 Sep 2024 18:20

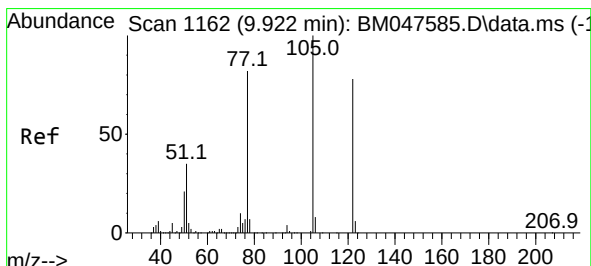
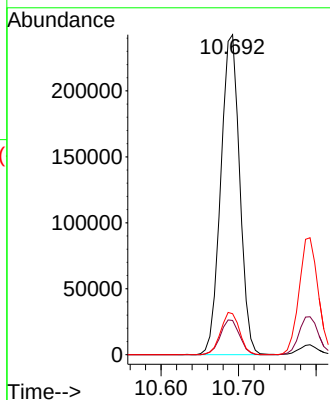
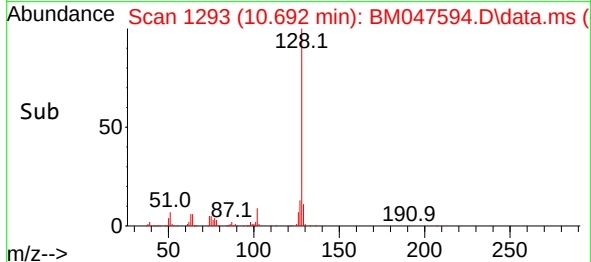
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2024



Tgt Ion:128 Resp: 411172
Ion Ratio Lower Upper
128 100
129 10.7 8.8 13.2
127 12.8 10.3 15.5

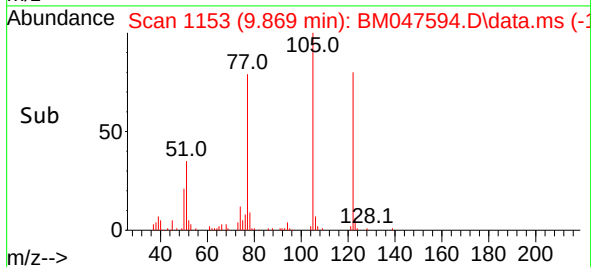
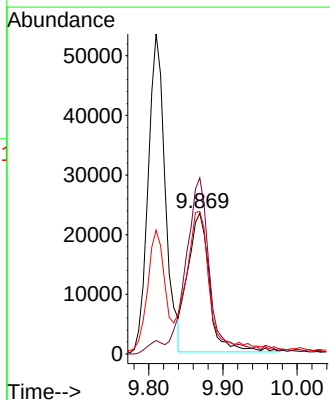
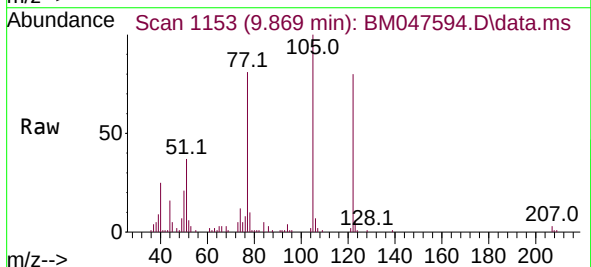
Manual Integrations
APPROVED

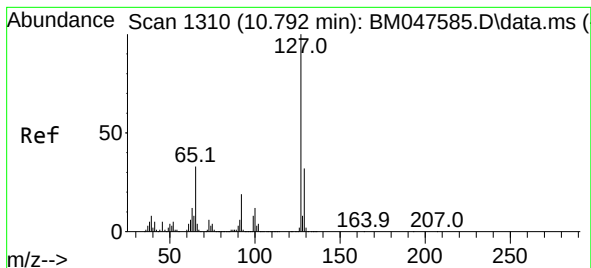
Reviewed By :Jagrut Upadhyay 09/23/2024
Supervised By :mohammad ahmed 09/24/2024



#32
Benzoic acid
Concen: 4.055 ng m
RT: 9.869 min Scan# 1153
Delta R.T. -0.053 min
Lab File: BM047594.D
Acq: 20 Sep 2024 18:20

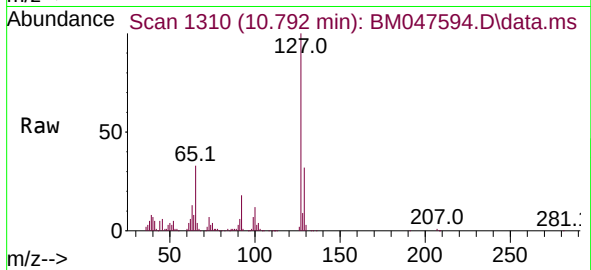
Tgt Ion:122 Resp: 47461
Ion Ratio Lower Upper
122 100
105 125.2 103.1 143.1
77 101.3 82.4 122.4





#33
4-Chloroaniline
Concen: 6.858 ng
RT: 10.792 min Scan# 1310
Delta R.T. 0.000 min
Lab File: BM047594.D
Acq: 20 Sep 2024 18:20

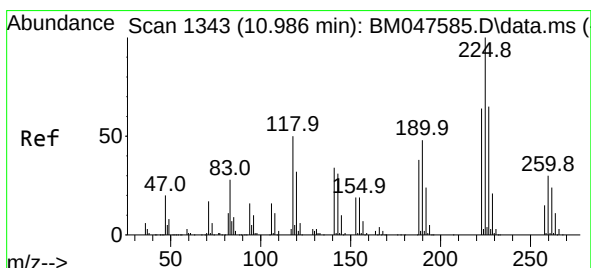
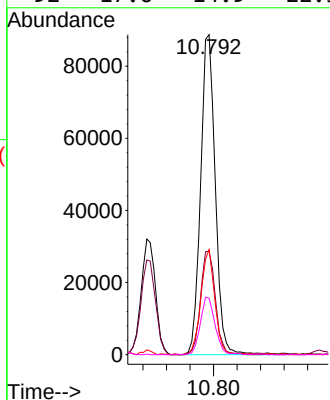
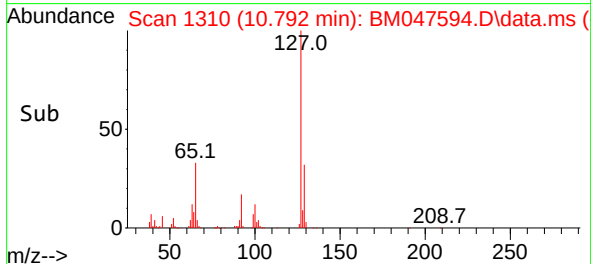
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2024



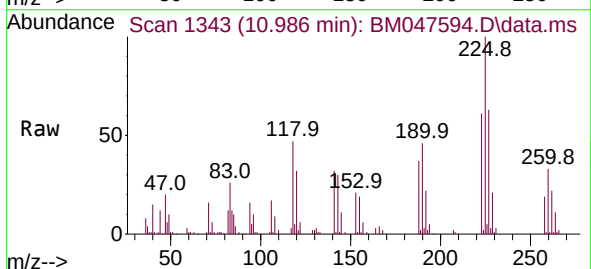
Tgt Ion:127 Resp: 15446
Ion Ratio Lower Upper
127 100
129 32.4 25.6 38.4
65 32.8 26.1 39.1
92 17.6 14.9 22.3

Manual Integrations
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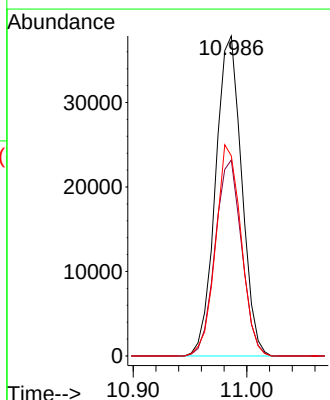
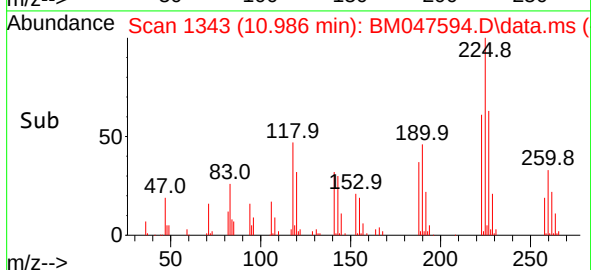
Reviewed By :Jagrut Upadhyay 09/23/2024
Supervised By :mohammad ahmed 09/24/2024

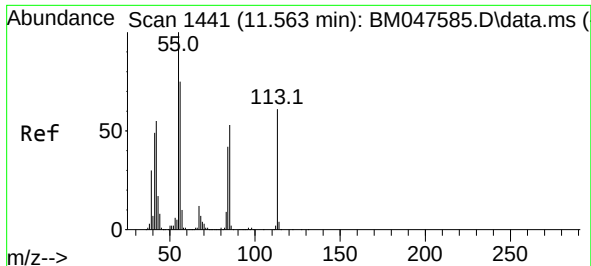


#34
Hexachlorobutadiene
Concen: 6.152 ng
RT: 10.986 min Scan# 1343
Delta R.T. 0.000 min
Lab File: BM047594.D
Acq: 20 Sep 2024 18:20



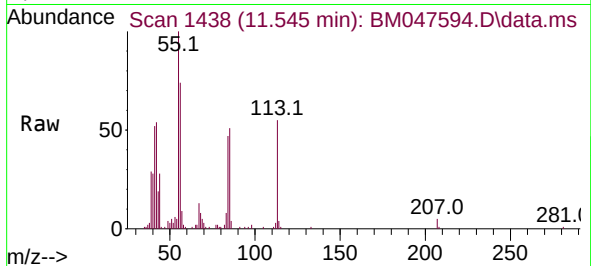
Tgt Ion:225 Resp: 60575
Ion Ratio Lower Upper
225 100
223 61.2 51.4 77.0
227 62.5 52.1 78.1





#35
Caprolactam
Concen: 5.179 ng m
RT: 11.545 min Scan# 1441
Delta R.T. -0.018 min
Lab File: BM047594.D
Acq: 20 Sep 2024 18:20

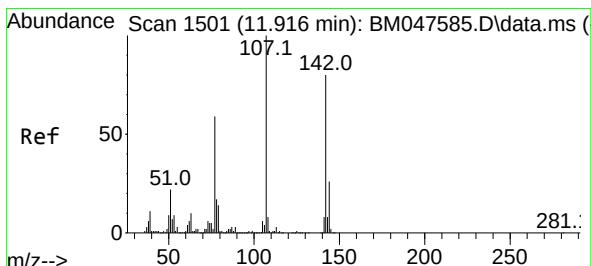
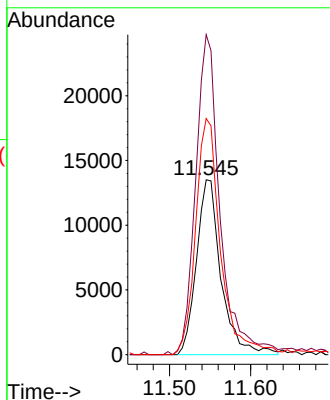
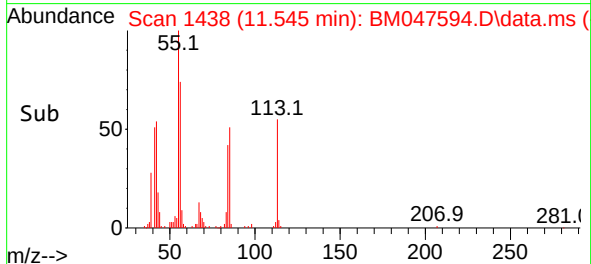
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2024



Tgt Ion:113 Resp: 28418
Ion Ratio Lower Upper
113 100
55 183.0 145.5 185.5
56 135.1 103.9 143.9

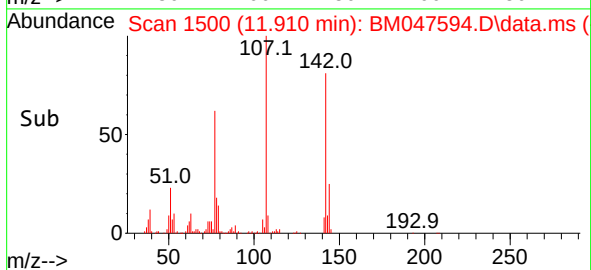
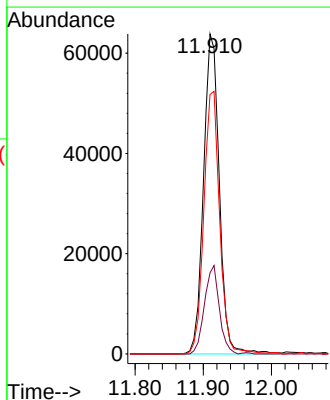
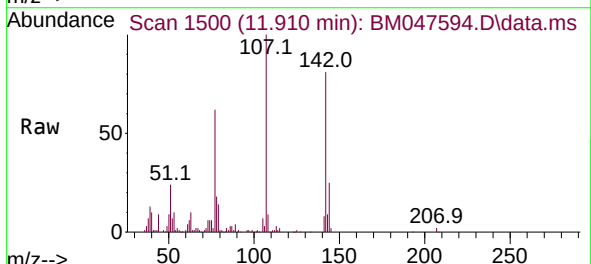
Manual Integrations
APPROVED

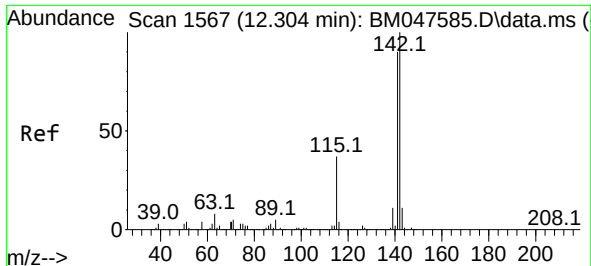
Reviewed By :Jagrut Upadhyay 09/23/2024
Supervised By :mohammad ahmed 09/24/2024



#36
4-Chloro-3-methylphenol
Concen: 5.680 ng
RT: 11.910 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BM047594.D
Acq: 20 Sep 2024 18:20

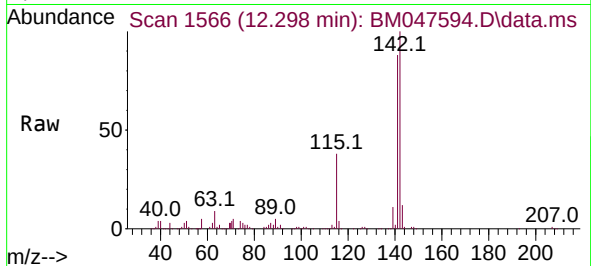
Tgt Ion:107 Resp: 102863
Ion Ratio Lower Upper
107 100
144 25.3 20.7 31.1
142 81.1 63.9 95.9





#37
2-Methylnaphthalene
Concen: 6.149 ng
RT: 12.298 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM047594.D
Acq: 20 Sep 2024 18:20

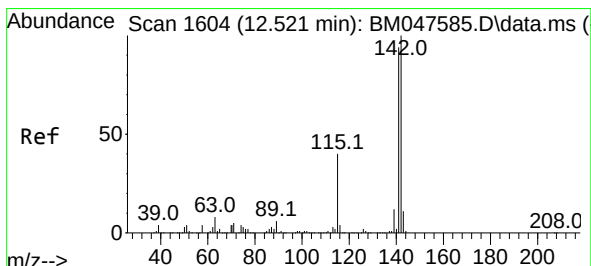
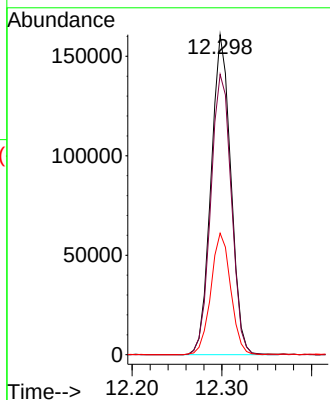
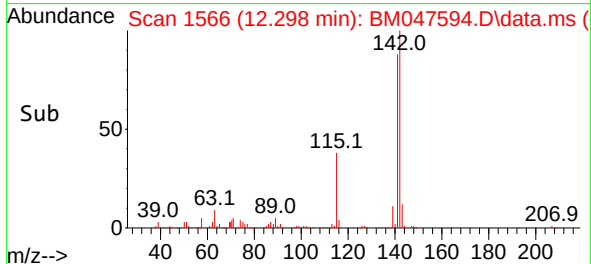
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2024



Tgt Ion:142 Resp: 246809
Ion Ratio Lower Upper
142 100
141 87.6 71.7 107.5
115 38.0 29.5 44.3

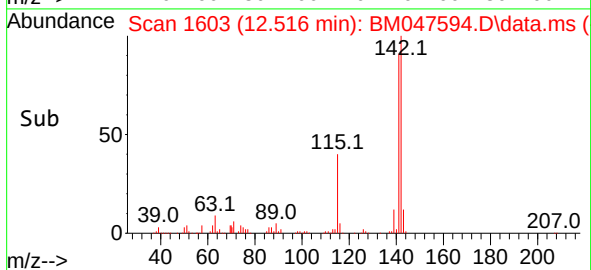
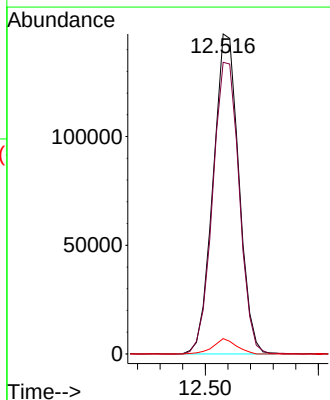
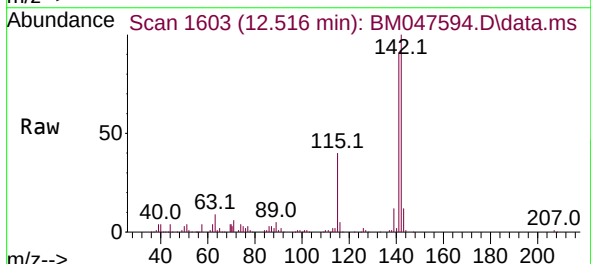
Manual Integrations
APPROVED

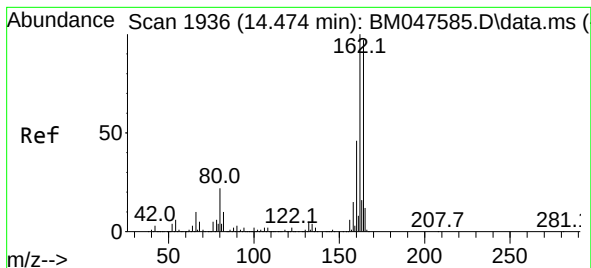
Reviewed By :Jagrut Upadhyay 09/23/2024
Supervised By :mohammad ahmed 09/24/2024



#38
1-Methylnaphthalene
Concen: 5.850 ng m
RT: 12.516 min Scan# 1603
Delta R.T. -0.006 min
Lab File: BM047594.D
Acq: 20 Sep 2024 18:20

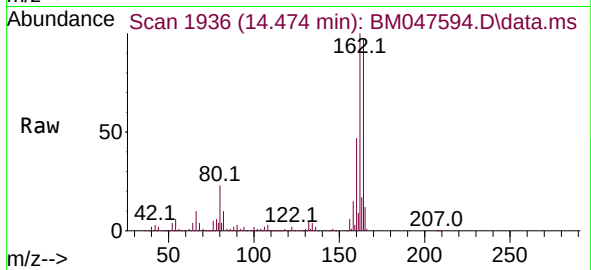
Tgt Ion:142 Resp: 232913
Ion Ratio Lower Upper
142 100
141 91.1 75.3 112.9
116 4.8 3.0 4.4#





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.474 min Scan# 1936
Delta R.T. 0.000 min
Lab File: BM047594.D
Acq: 20 Sep 2024 18:20

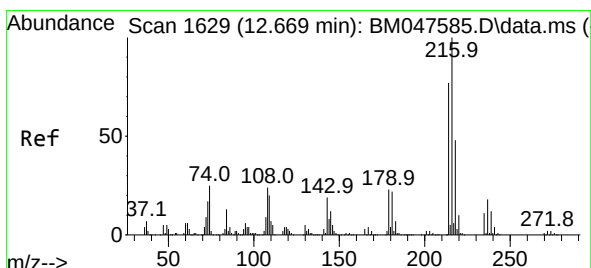
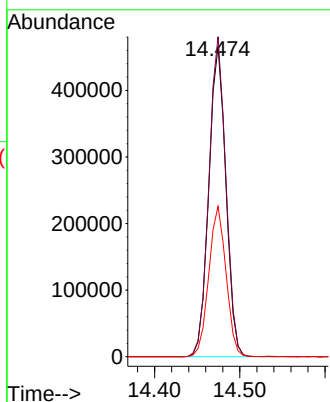
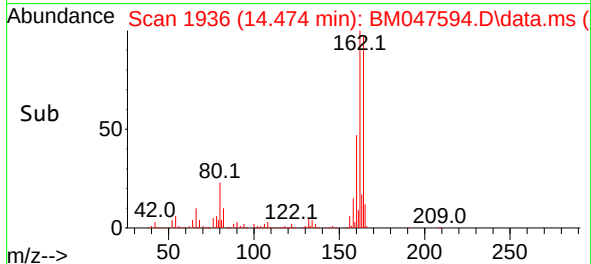
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2024



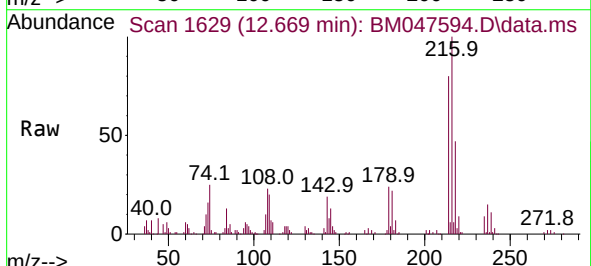
Tgt Ion:164 Resp: 647684
Ion Ratio Lower Upper
164 100
162 103.1 82.6 123.8
160 48.4 37.8 56.6

Manual Integrations
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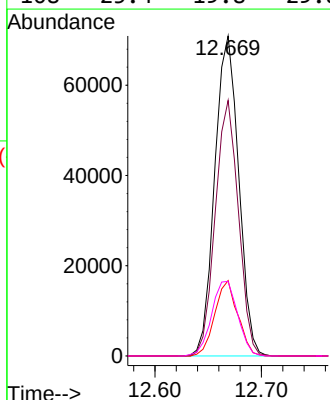
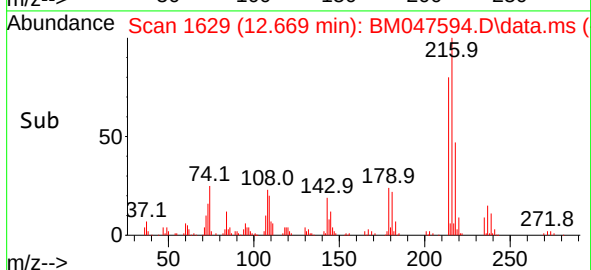
Reviewed By :Jagrut Upadhyay 09/23/2024
Supervised By :mohammad ahmed 09/24/2024

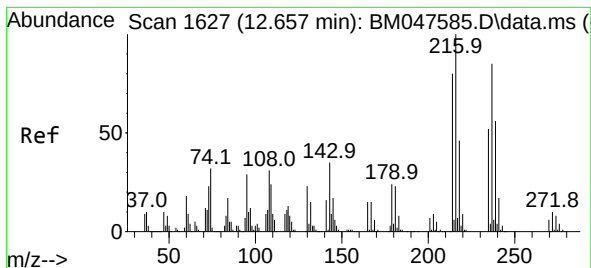


#40
1,2,4,5-Tetrachlorobenzene
Concen: 6.470 ng
RT: 12.669 min Scan# 1629
Delta R.T. 0.000 min
Lab File: BM047594.D
Acq: 20 Sep 2024 18:20



Tgt Ion:216 Resp: 110587
Ion Ratio Lower Upper
216 100
214 77.0 62.8 94.2
179 22.6 18.5 27.7
108 25.4 19.8 29.8





#41

Hexachlorocyclopentadiene

Concen: 7.377 ng

RT: 12.657 min Scan# 1627

Delta R.T. 0.000 min

Lab File: BM047594.D

Acq: 20 Sep 2024 18:20

Instrument :

BNA_M

ClientSampleId :

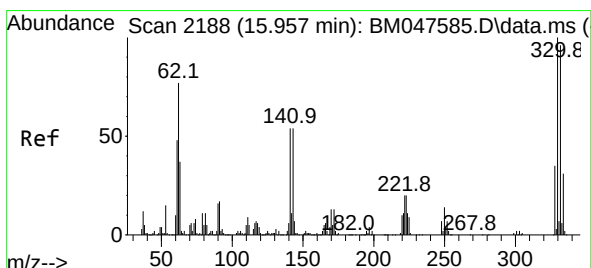
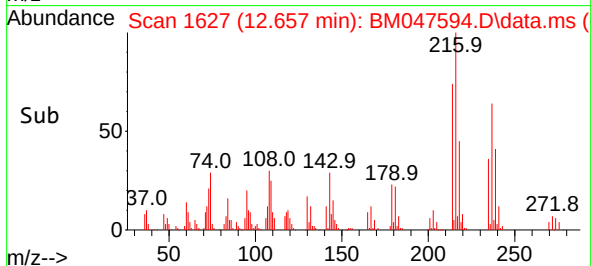
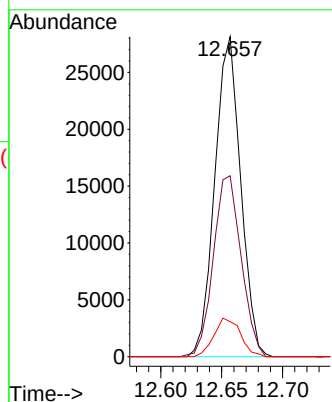
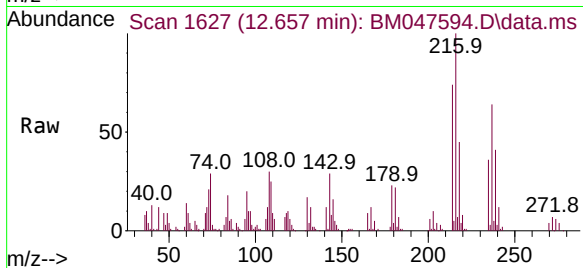
MDL-WATER-03-QT2-2024

Tgt Ion:	237	Resp:	41629
Ion Ratio	Lower	Upper	
237	100		
235	56.6	41.2	81.2
272	10.9	0.0	32.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/23/2024
Supervised By :mohammad ahmed 09/24/2024



#42

2,4,6-Tribromophenol

Concen: 107.343 ng

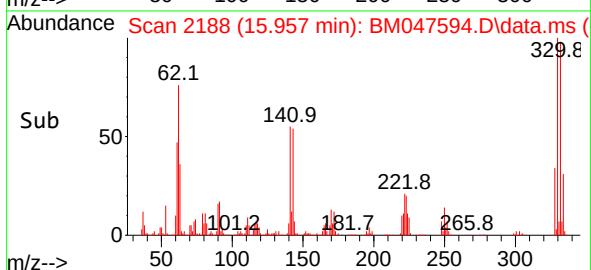
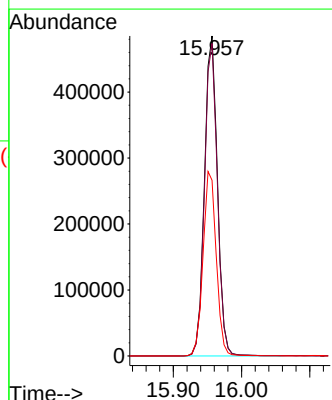
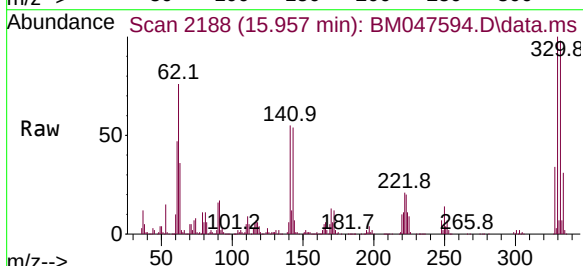
RT: 15.957 min Scan# 2188

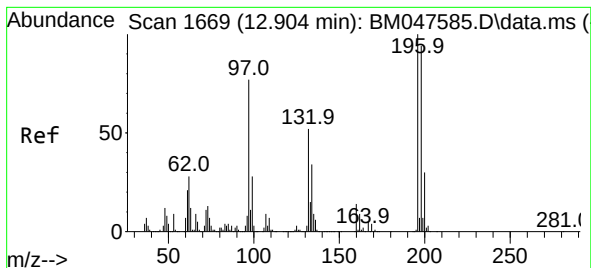
Delta R.T. 0.000 min

Lab File: BM047594.D

Acq: 20 Sep 2024 18:20

Tgt Ion:	330	Resp:	643775
Ion Ratio	Lower	Upper	
330	100		
332	96.8	77.0	115.4
141	58.7	45.9	68.9





#43

2,4,6-Trichlorophenol

Concen: 5.608 ng

RT: 12.904 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM047594.D

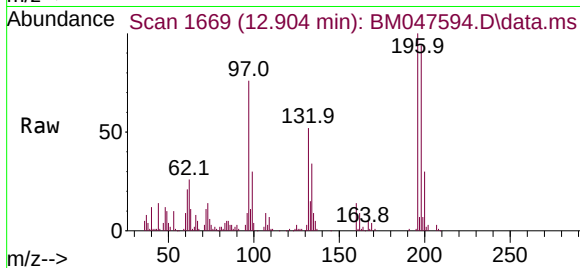
Acq: 20 Sep 2024 18:20

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2024



Tgt Ion:196 Resp: 62298

Ion Ratio Lower Upper

196 100

198 94.5 75.5 113.3

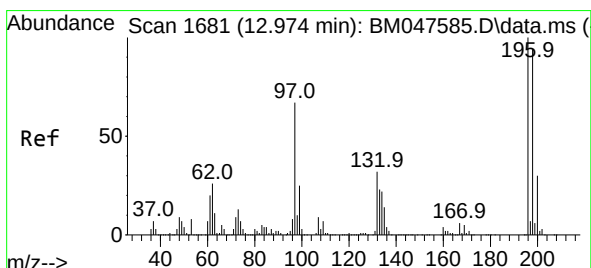
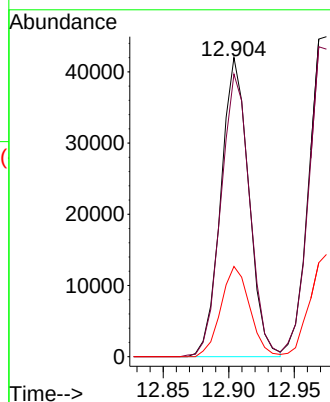
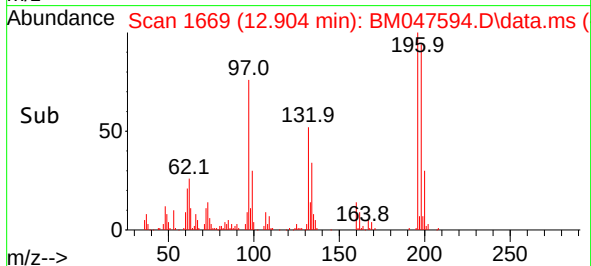
200 30.2 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/23/2024

Supervised By :mohammad ahmed 09/24/2024



#44

2,4,5-Trichlorophenol

Concen: 5.553 ng

RT: 12.974 min Scan# 1681

Delta R.T. 0.000 min

Lab File: BM047594.D

Acq: 20 Sep 2024 18:20

Tgt Ion:196 Resp: 69329

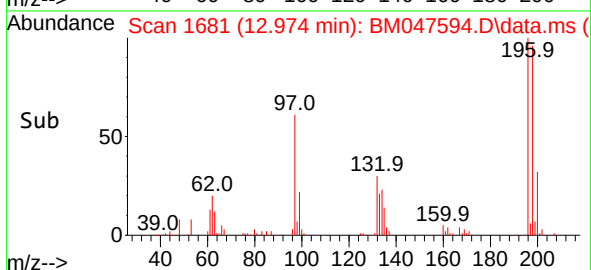
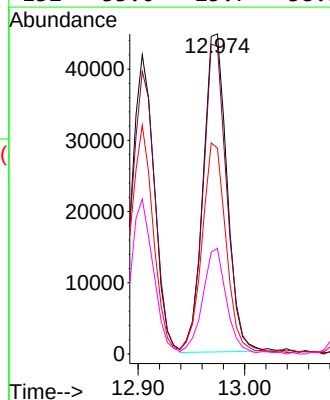
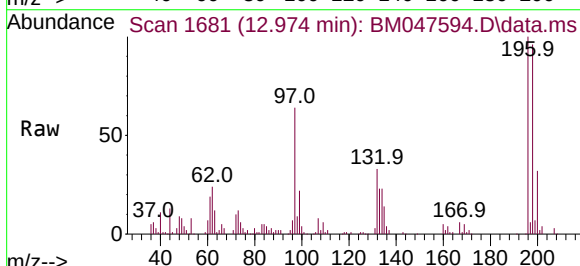
Ion Ratio Lower Upper

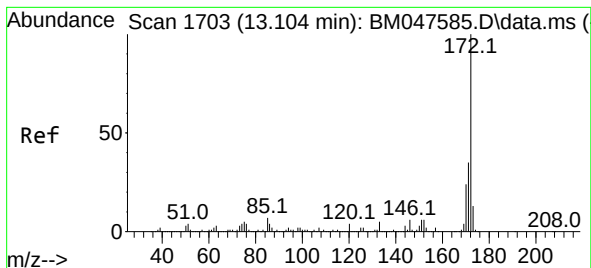
196 100

198 96.1 75.5 113.3

97 64.3 53.5 80.3

132 33.0 25.7 38.5





#45

2-Fluorobiphenyl

Concen: 75.682 ng

RT: 13.098 min Scan# 1703

Delta R.T. -0.006 min

Lab File: BM047594.D

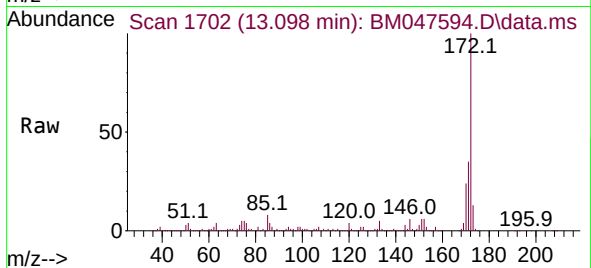
Acq: 20 Sep 2024 18:20

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2024



Tgt Ion:172 Resp: 3464250

Ion Ratio Lower Upper

172 100

171 35.2 28.1 42.1

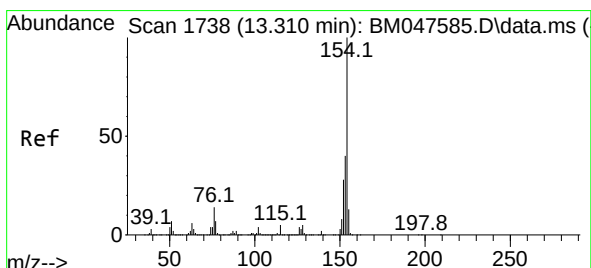
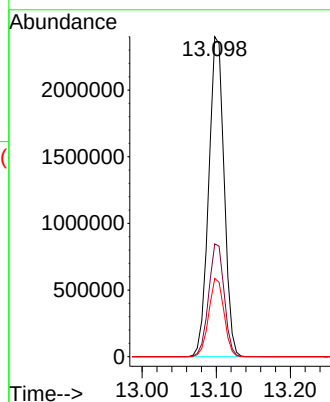
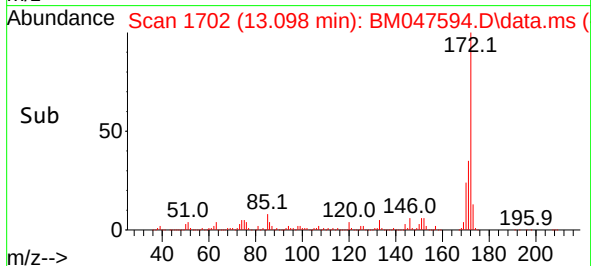
170 24.5 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/23/2024

Supervised By :mohammad ahmed 09/24/2024



#46

1,1'-Biphenyl

Concen: 6.640 ng

RT: 13.310 min Scan# 1738

Delta R.T. 0.000 min

Lab File: BM047594.D

Acq: 20 Sep 2024 18:20

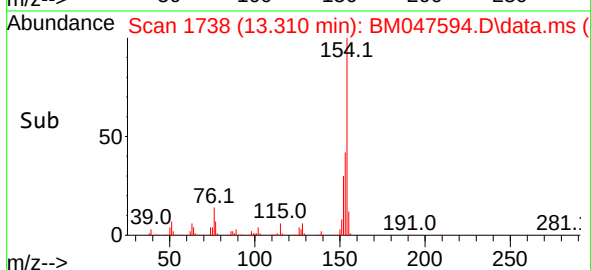
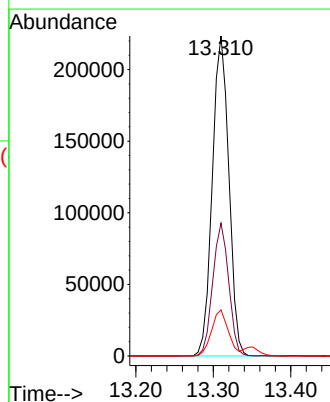
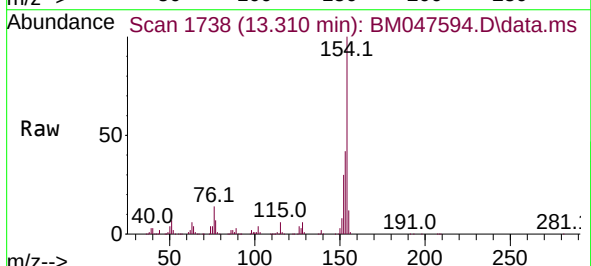
Tgt Ion:154 Resp: 332151

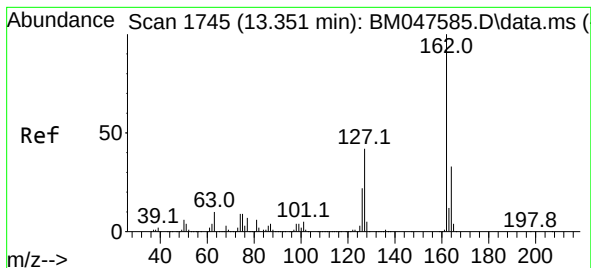
Ion Ratio Lower Upper

154 100

153 41.5 19.9 59.9

76 14.4 0.0 34.5





#47

2-Chloronaphthalene

Concen: 6.287 ng

RT: 13.351 min Scan# 1745

Delta R.T. 0.000 min

Lab File: BM047594.D

Acq: 20 Sep 2024 18:20

Instrument :

BNA_M

ClientSampleId :

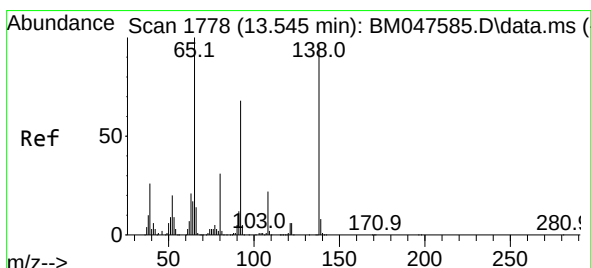
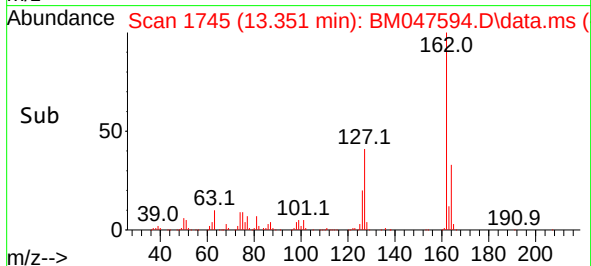
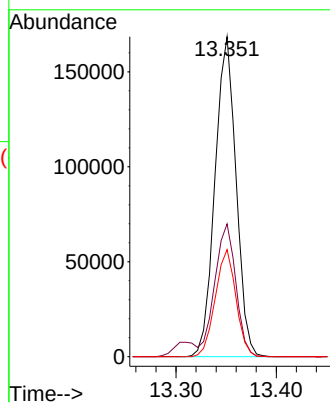
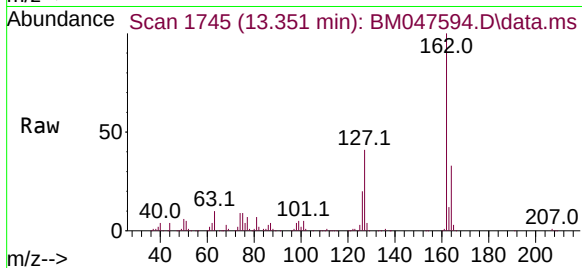
MDL-WATER-03-QT2-2024

Tgt Ion:	162	Resp:	24606
Ion Ratio	Lower	Upper	
162	100		
127	41.5	33.8	50.6
164	33.4	26.2	39.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/23/2024
Supervised By :mohammad ahmed 09/24/2024



#48

2-Nitroaniline

Concen: 5.234 ng

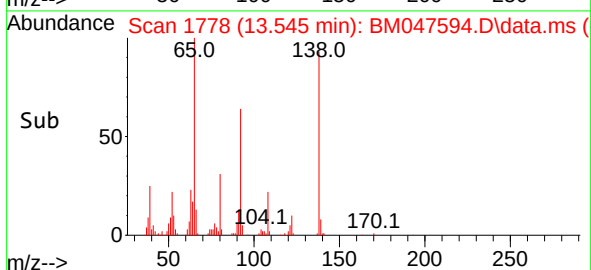
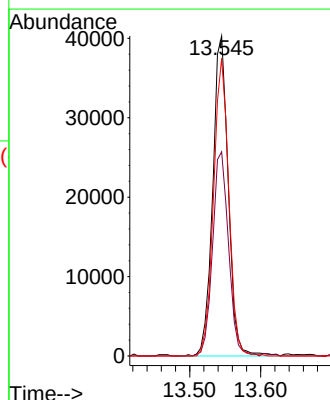
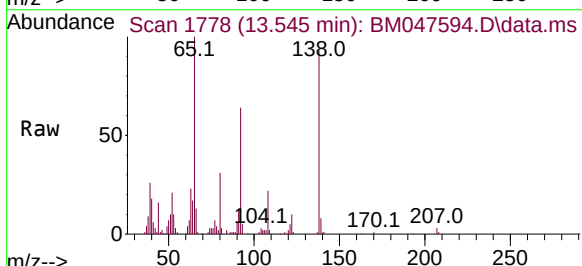
RT: 13.545 min Scan# 1778

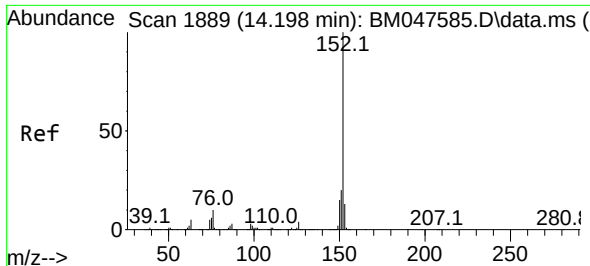
Delta R.T. 0.000 min

Lab File: BM047594.D

Acq: 20 Sep 2024 18:20

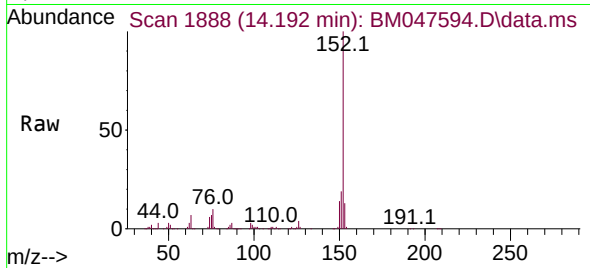
Tgt Ion:	65	Resp:	61178
Ion Ratio	Lower	Upper	
65	100		
92	63.8	54.2	81.4
138	93.0	76.6	114.8





#49
Acenaphthylene
Concen: 6.657 ng
RT: 14.192 min Scan# 1888
Delta R.T. -0.006 min
Lab File: BM047594.D
Acq: 20 Sep 2024 18:20

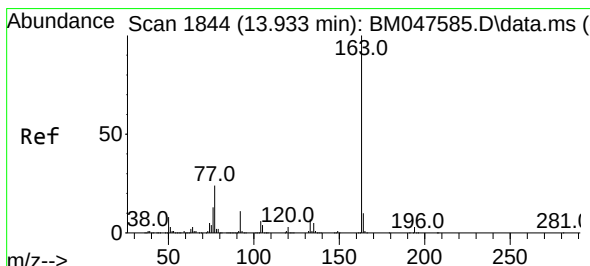
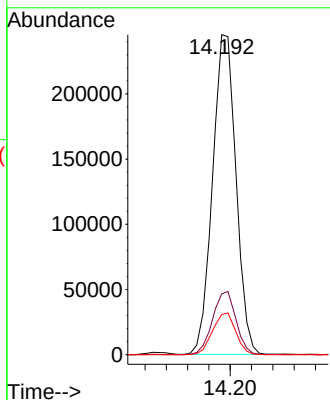
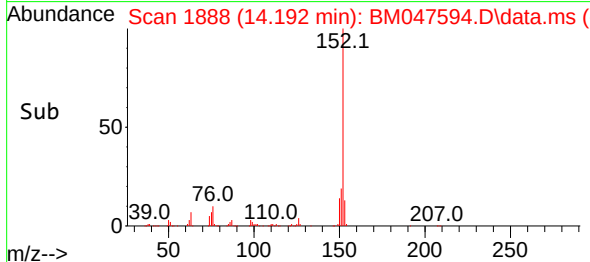
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2024



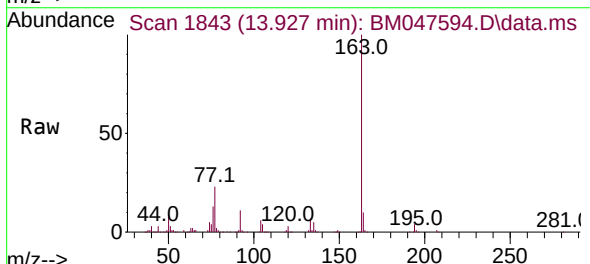
Tgt Ion:152 Resp: 374959
Ion Ratio Lower Upper
152 100
151 19.0 16.2 24.2
153 12.5 10.4 15.6

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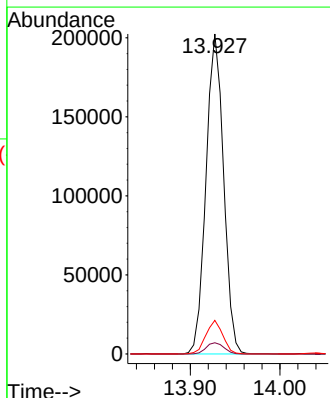
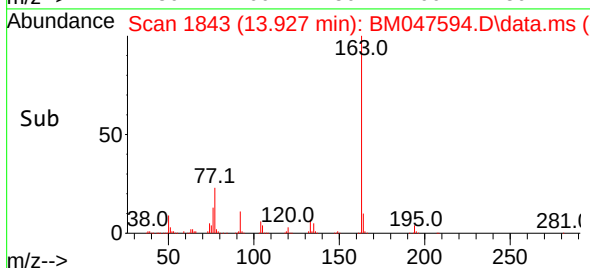
Reviewed By :Jagrut Upadhyay 09/23/2024
Supervised By :mohammad ahmed 09/24/2024

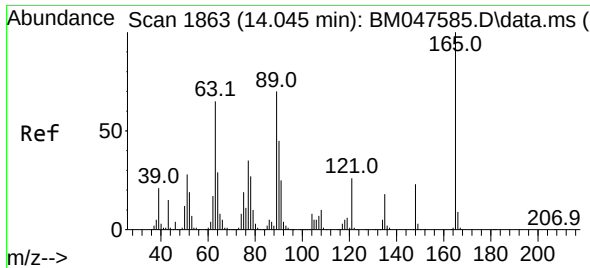


#50
Dimethylphthalate
Concen: 6.159 ng
RT: 13.927 min Scan# 1843
Delta R.T. -0.006 min
Lab File: BM047594.D
Acq: 20 Sep 2024 18:20



Tgt Ion:163 Resp: 275447
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.5 8.2 12.2





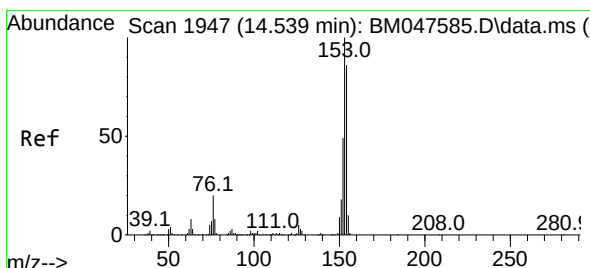
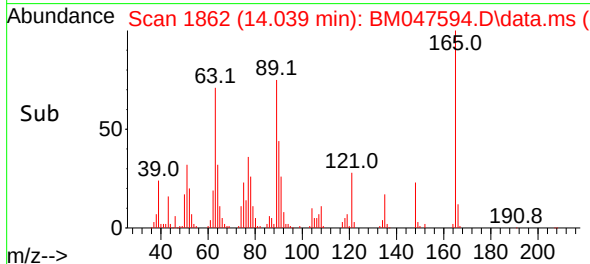
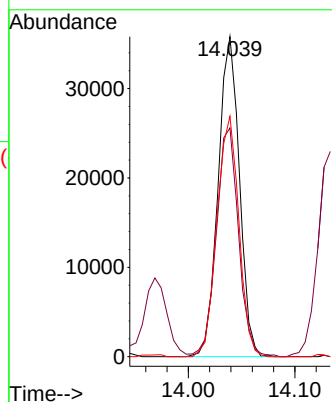
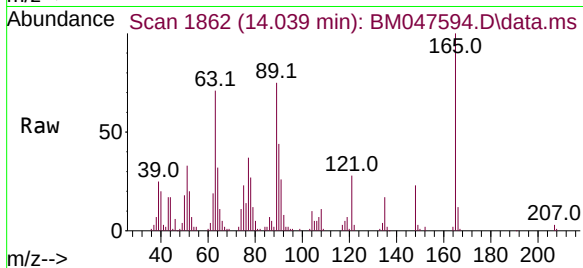
#51
2,6-Dinitrotoluene
Concen: 5.287 ng
RT: 14.039 min Scan# 1862
Delta R.T. -0.006 min
Lab File: BM047594.D
Acq: 20 Sep 2024 18:20

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2024

Tgt Ion:165 Resp: 49534
Ion Ratio Lower Upper
165 100
63 71.5 53.0 79.6
89 75.1 56.4 84.6

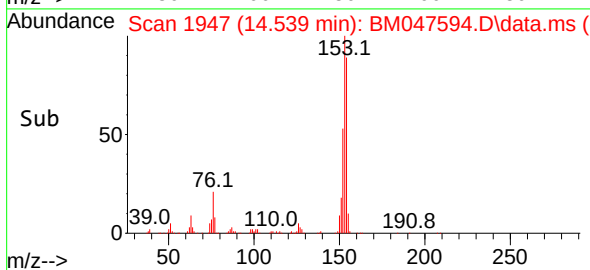
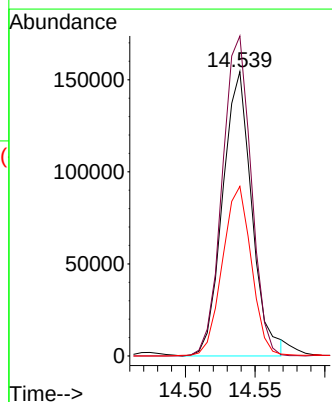
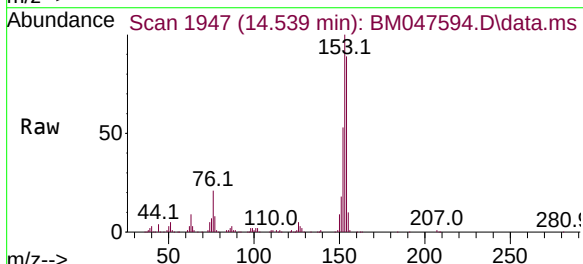
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APPROVED

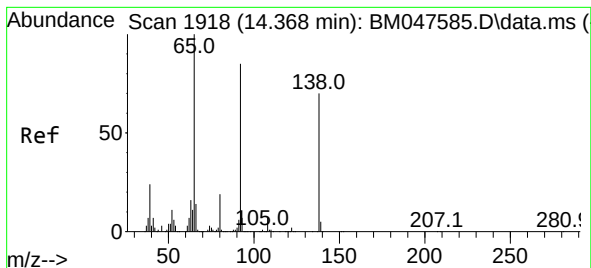
Reviewed By :Jagrut Upadhyay 09/23/2024
Supervised By :mohammad ahmed 09/24/2024



#52
Acenaphthene
Concen: 6.053 ng m
RT: 14.539 min Scan# 1947
Delta R.T. 0.000 min
Lab File: BM047594.D
Acq: 20 Sep 2024 18:20

Tgt Ion:154 Resp: 225235
Ion Ratio Lower Upper
154 100
153 112.6 92.8 139.2
152 59.7 45.7 68.5





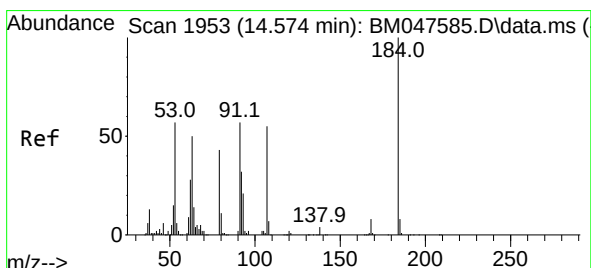
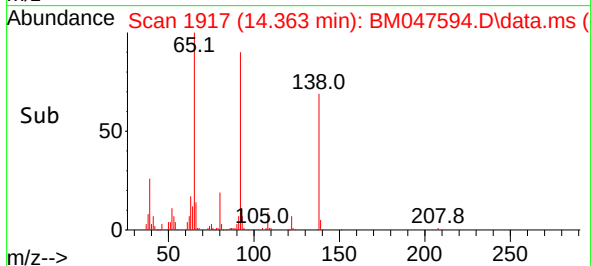
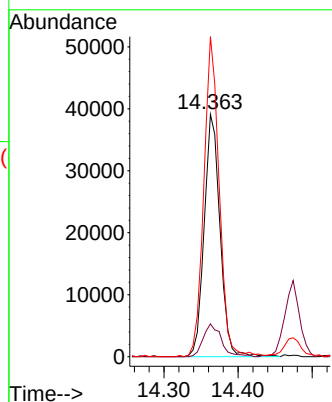
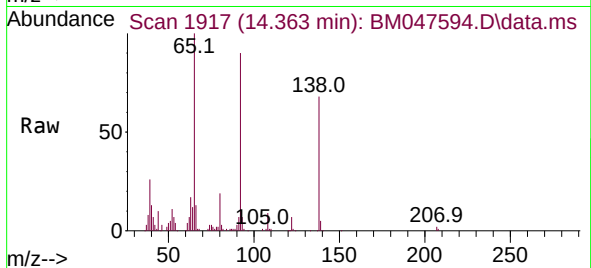
#53
3-Nitroaniline
Concen: 5.401 ng
RT: 14.363 min Scan# 1917
Delta R.T. -0.006 min
Lab File: BM047594.D
Acq: 20 Sep 2024 18:20

Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT2-2024

Tgt Ion:138 Resp: 5803
Ion Ratio Lower Upper
138 100
108 13.5 8.3 12.5
92 132.1 97.0 145.6

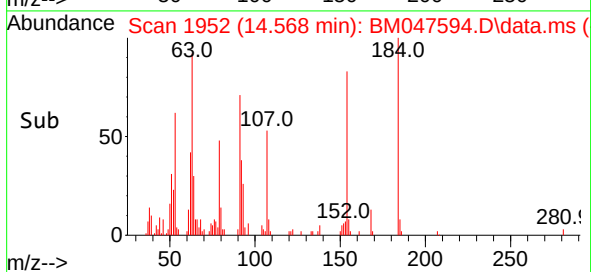
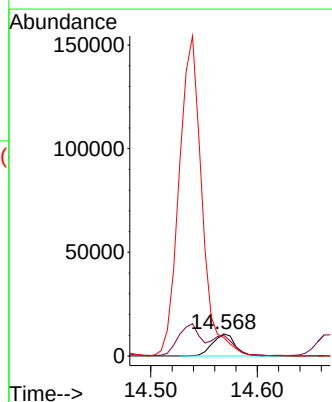
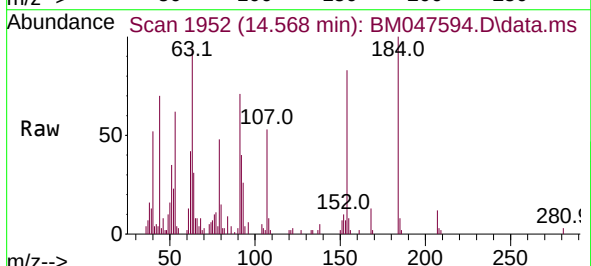
Manual Integrations
APPROVED

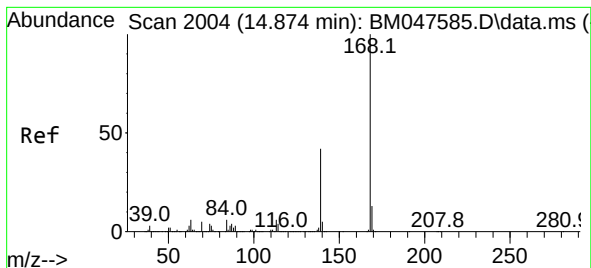
Reviewed By :Jagrut Upadhyay 09/23/2024
Supervised By :mohammad ahmed 09/24/2024



#54
2,4-Dinitrophenol
Concen: 3.690 ng
RT: 14.568 min Scan# 1952
Delta R.T. -0.006 min
Lab File: BM047594.D
Acq: 20 Sep 2024 18:20

Tgt Ion:184 Resp: 15673
Ion Ratio Lower Upper
184 100
63 94.2 69.0 103.6
154 83.3 59.7 89.5





#55

Dibenzofuran

Concen: 6.394 ng

RT: 14.868 min Scan# 2004

Delta R.T. -0.006 min

Lab File: BM047594.D

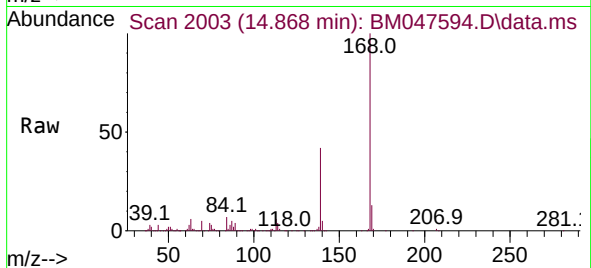
Acq: 20 Sep 2024 18:20

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2024

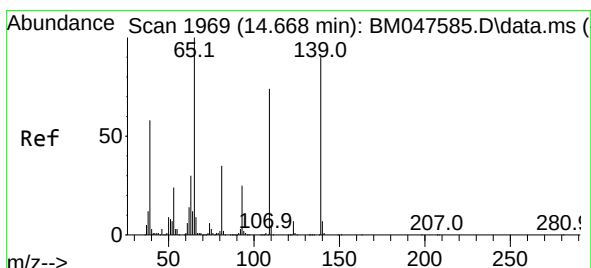
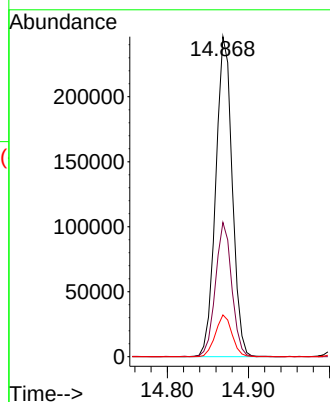
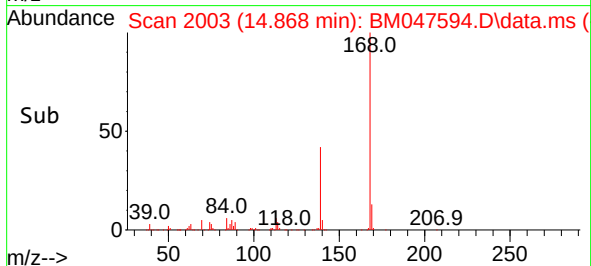


Tgt Ion:168	Resp:	347660
Ion Ratio	Lower	Upper
168	100	
139	41.9	33.4 50.2
169	13.0	10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/23/2024
Supervised By :mohammad ahmed 09/24/2024



#56

4-Nitrophenol

Concen: 5.007 ng

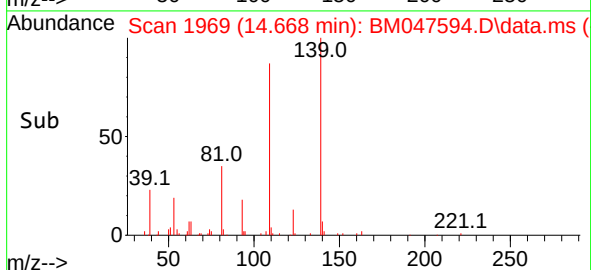
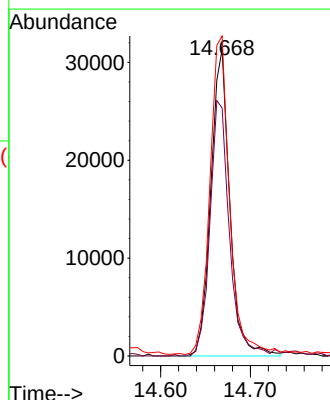
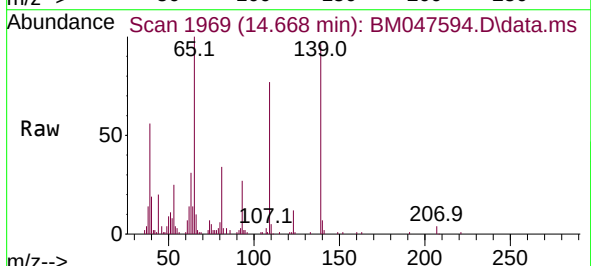
RT: 14.668 min Scan# 1969

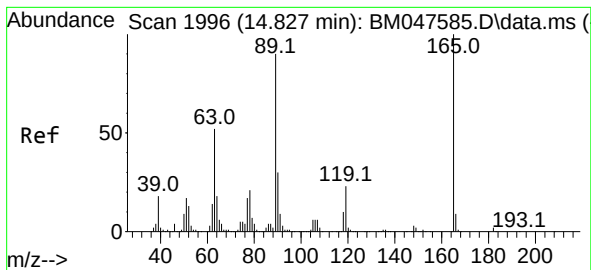
Delta R.T. 0.000 min

Lab File: BM047594.D

Acq: 20 Sep 2024 18:20

Tgt Ion:139	Resp:	46103
Ion Ratio	Lower	Upper
139	100	
109	80.9	63.1 103.1
65	104.4	91.8 131.8





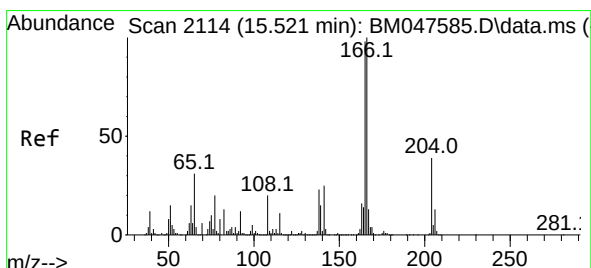
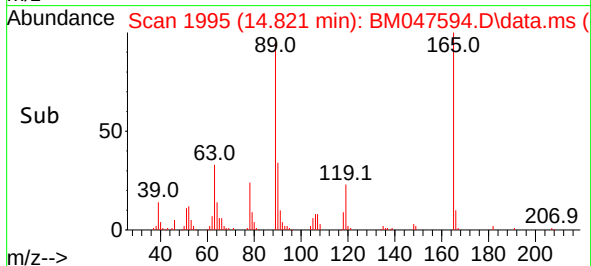
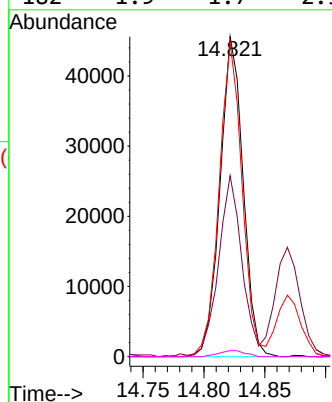
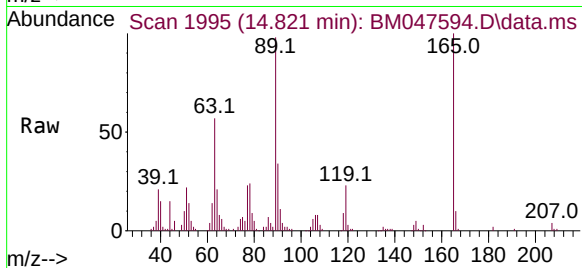
#57
2,4-Dinitrotoluene
Concen: 4.811 ng
RT: 14.821 min Scan# 1995
Delta R.T. -0.006 min
Lab File: BM047594.D
Acq: 20 Sep 2024 18:20

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2024

Tgt Ion:165 Resp: 60058
Ion Ratio Lower Upper
165 100
63 56.5 41.6 62.4
89 98.2 71.7 107.5
182 1.9 1.7 2.5

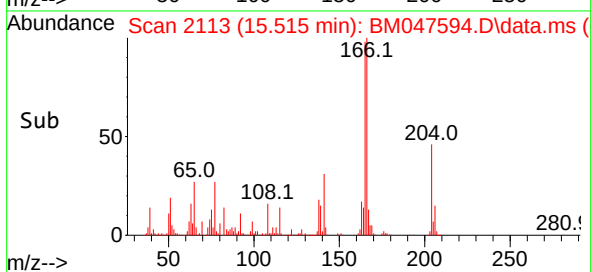
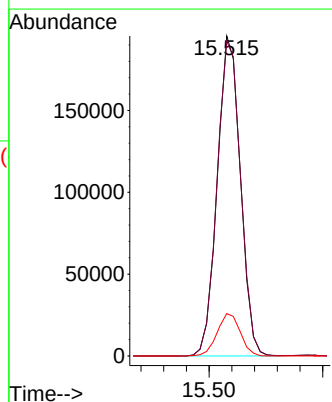
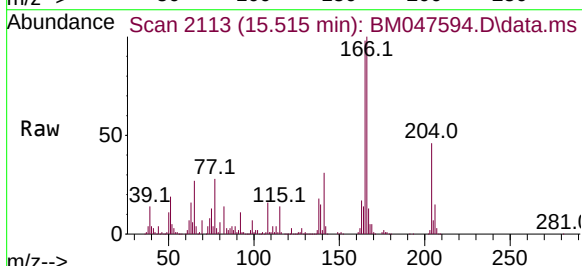
Manual Integrations
APPROVED

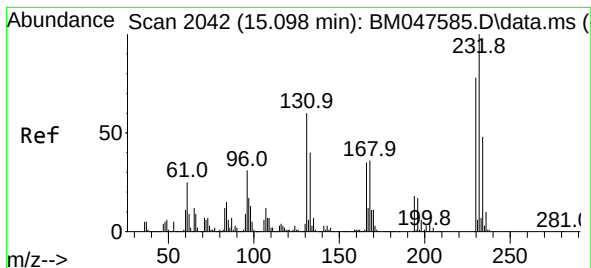
Reviewed By :Jagrut Upadhyay 09/23/2024
Supervised By :mohammad ahmed 09/24/2024



#58
Fluorene
Concen: 5.729 ng
RT: 15.515 min Scan# 2113
Delta R.T. -0.006 min
Lab File: BM047594.D
Acq: 20 Sep 2024 18:20

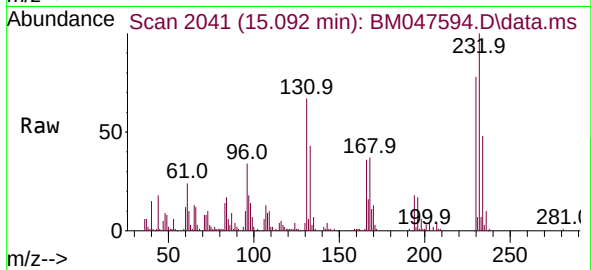
Tgt Ion:166 Resp: 275710
Ion Ratio Lower Upper
166 100
165 98.4 78.4 117.6
167 13.3 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 5.625 ng
RT: 15.092 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BM047594.D
Acq: 20 Sep 2024 18:20

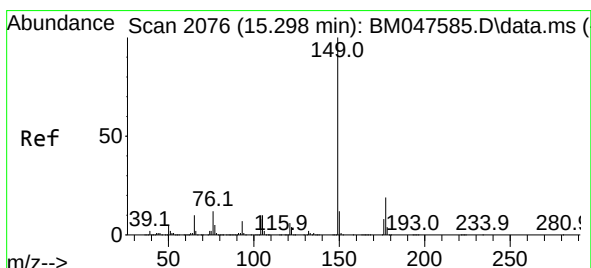
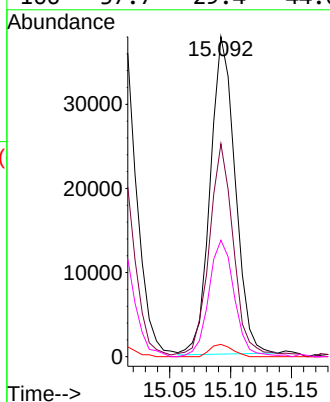
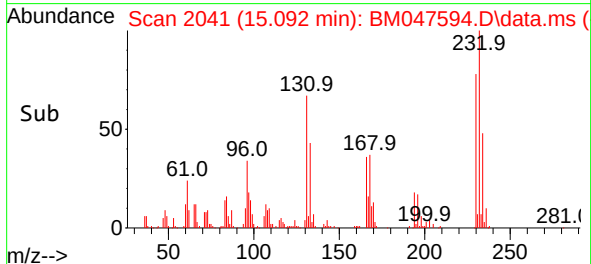
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2024



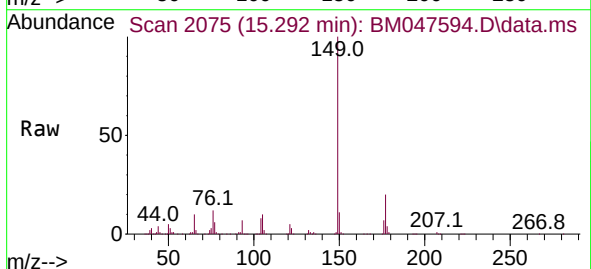
Tgt Ion:232 Resp: 5368
Ion Ratio Lower Upper
232 100
131 66.6 50.3 75.5
130 3.5 3.0 4.4
166 37.7 29.4 44.0

Manual Integrations
APPROVED

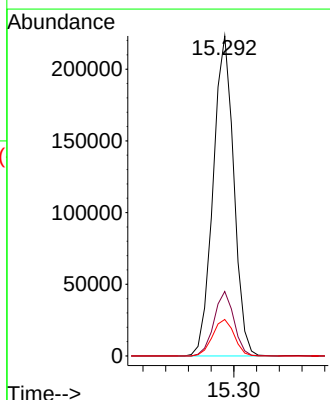
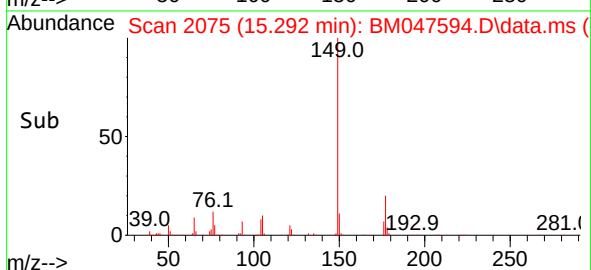
Reviewed By :Jagrut Upadhyay 09/23/2024
Supervised By :mohammad ahmed 09/24/2024

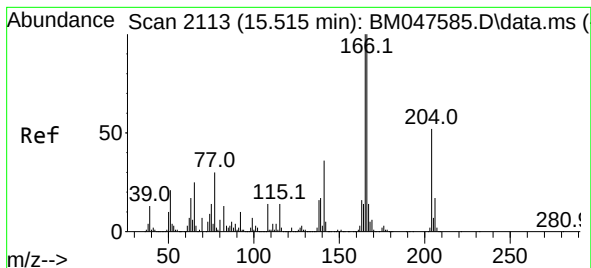


#60
Diethylphthalate
Concen: 5.908 ng
RT: 15.292 min Scan# 2075
Delta R.T. -0.006 min
Lab File: BM047594.D
Acq: 20 Sep 2024 18:20



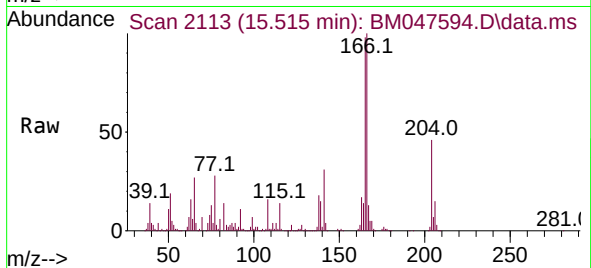
Tgt Ion:149 Resp: 281678
Ion Ratio Lower Upper
149 100
177 20.2 15.4 23.0
150 11.4 9.4 14.0





#61
4-Chlorophenyl-phenylether
Concen: 5.697 ng
RT: 15.515 min Scan# 2113
Delta R.T. 0.000 min
Lab File: BM047594.D
Acq: 20 Sep 2024 18:20

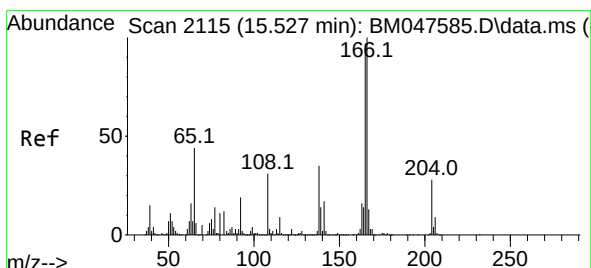
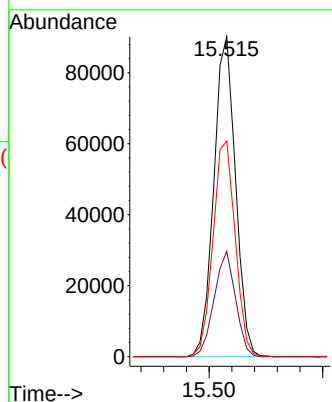
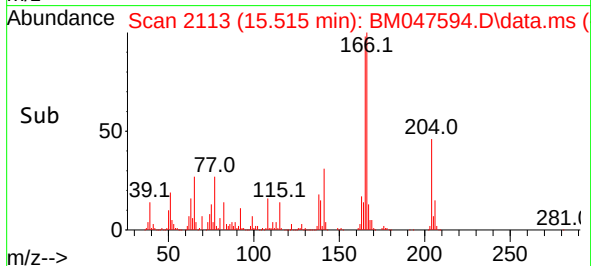
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2024



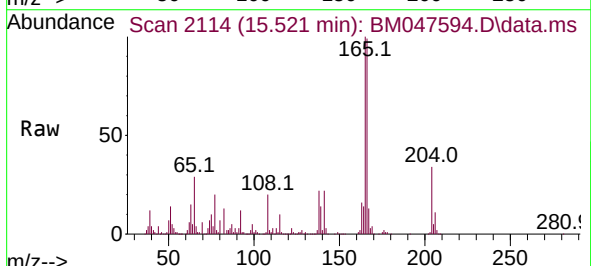
Tgt Ion:204 Resp: 11979
Ion Ratio Lower Upper
204 100
206 32.9 26.2 39.2
141 67.4 55.3 82.9

Manual Integrations
APPROVED

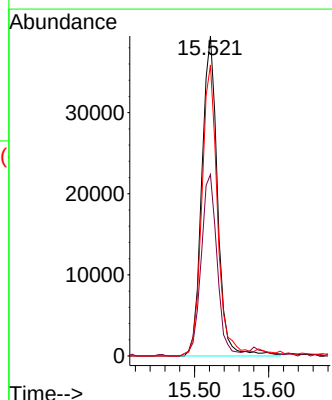
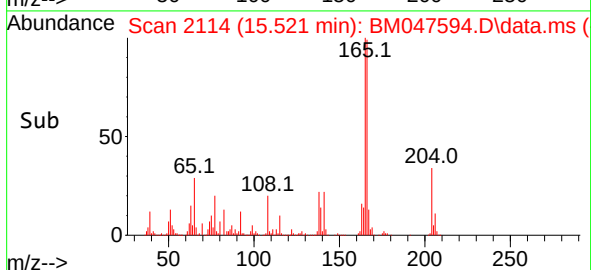
Reviewed By :Jagrut Upadhyay 09/23/2024
Supervised By :mohammad ahmed 09/24/2024

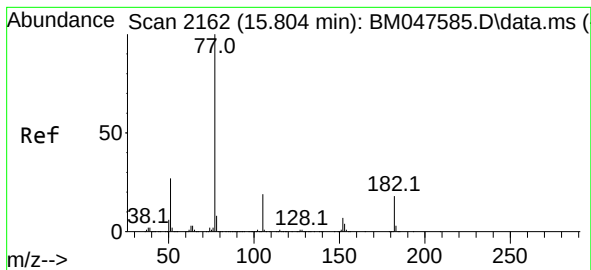


#62
4-Nitroaniline
Concen: 4.797 ng
RT: 15.521 min Scan# 2114
Delta R.T. -0.006 min
Lab File: BM047594.D
Acq: 20 Sep 2024 18:20



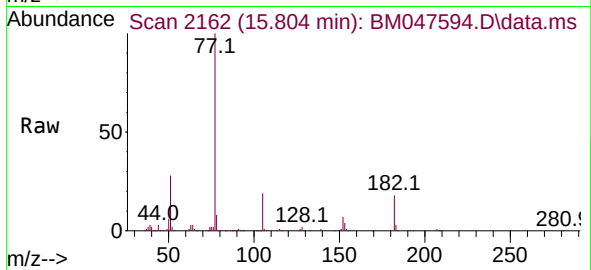
Tgt Ion:138 Resp: 58079
Ion Ratio Lower Upper
138 100
92 56.7 33.3 73.3
108 90.9 66.2 106.2





#63
Azobenzene
Concen: 6.119 ng
RT: 15.804 min Scan# 2162
Delta R.T. 0.000 min
Lab File: BM047594.D
Acq: 20 Sep 2024 18:20

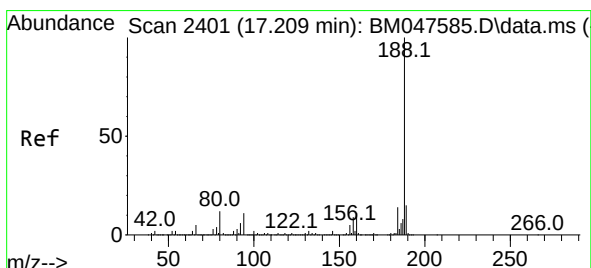
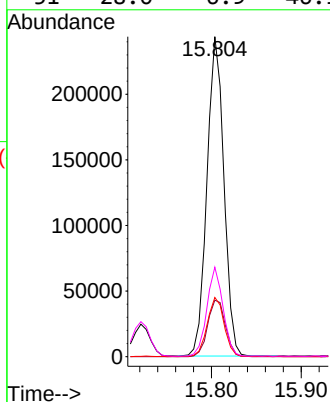
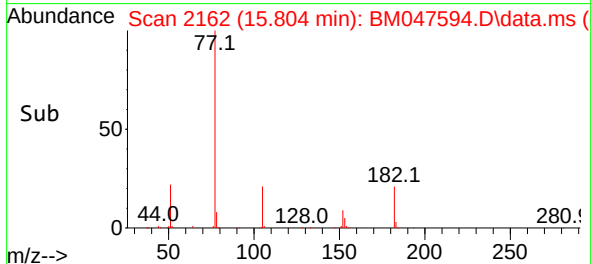
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2024



Tgt Ion: 77 Resp: 318924
Ion Ratio Lower Upper
77 100
182 17.7 0.0 38.2
105 18.5 0.0 38.8
51 28.0 6.9 46.9

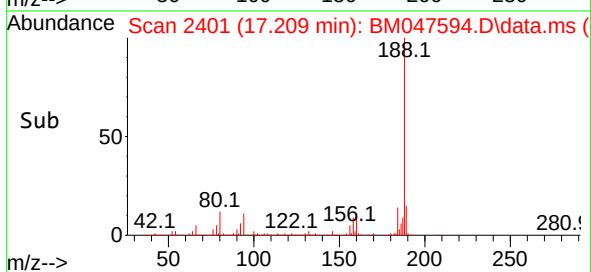
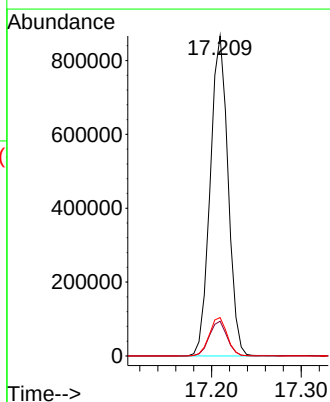
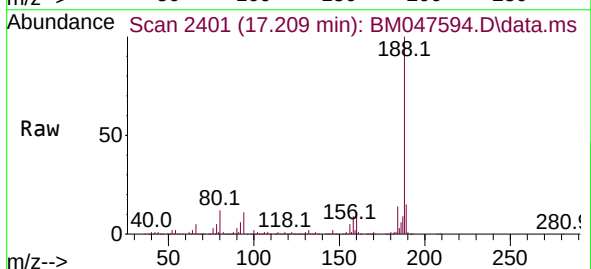
Manual Integrations
APPROVED

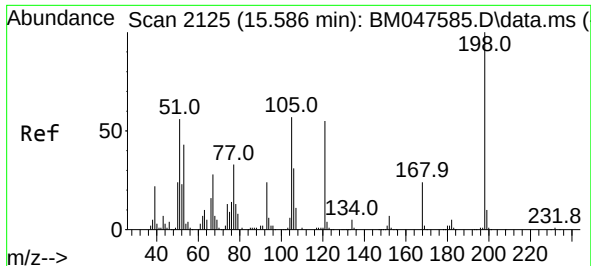
Reviewed By :Jagrut Upadhyay 09/23/2024
Supervised By :mohammad ahmed 09/24/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.209 min Scan# 2401
Delta R.T. 0.000 min
Lab File: BM047594.D
Acq: 20 Sep 2024 18:20

Tgt Ion:188 Resp: 1196884
Ion Ratio Lower Upper
188 100
94 10.9 8.6 13.0
80 12.0 9.9 14.9





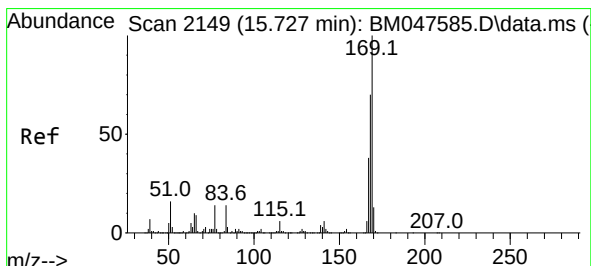
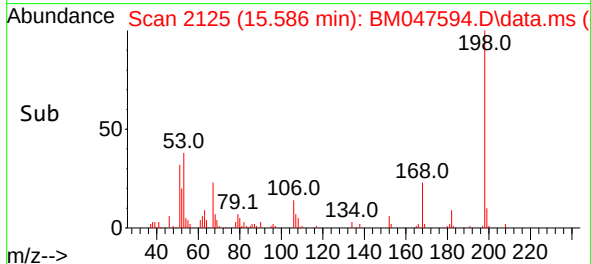
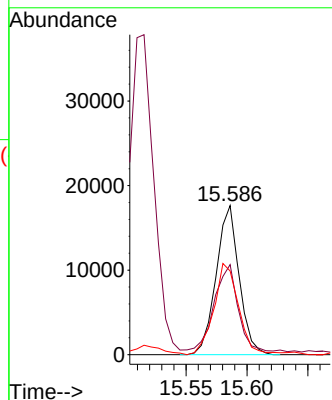
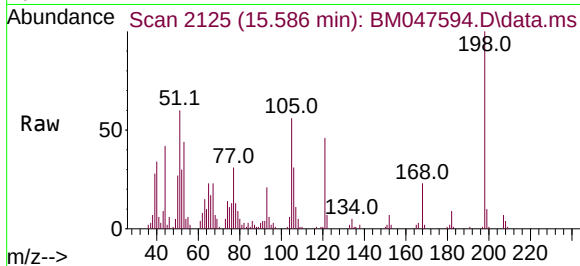
#65
4,6-Dinitro-2-methylphenol
Concen: 4.074 ng
RT: 15.586 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BM047594.D
Acq: 20 Sep 2024 18:20

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2024

Tgt Ion:198 Resp: 2310
Ion Ratio Lower Upper
198 100
51 60.4 38.2 78.2
105 56.1 38.0 78.0

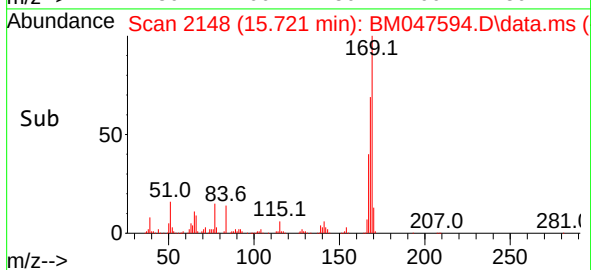
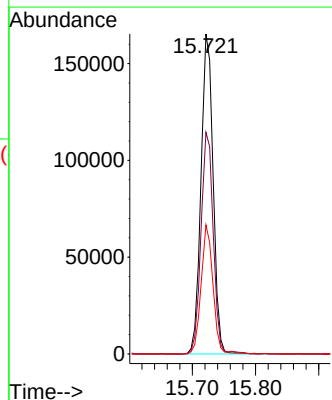
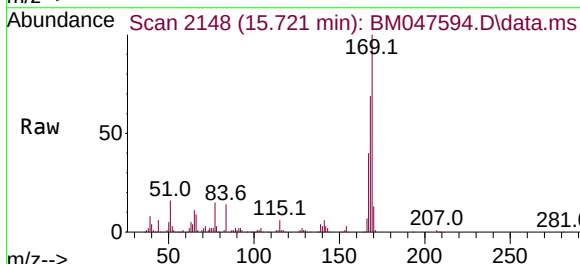
Manual Integrations
APPROVED

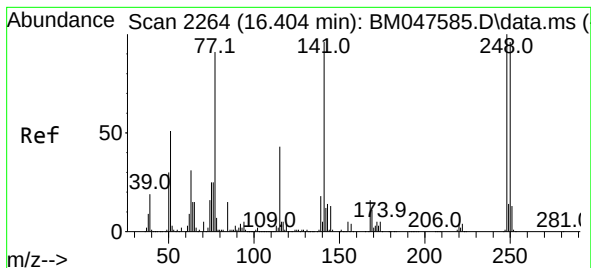
Reviewed By :Jagrut Upadhyay 09/23/2024
Supervised By :mohammad ahmed 09/24/2024



#66
n-Nitrosodiphenylamine
Concen: 6.153 ng
RT: 15.721 min Scan# 2148
Delta R.T. -0.006 min
Lab File: BM047594.D
Acq: 20 Sep 2024 18:20

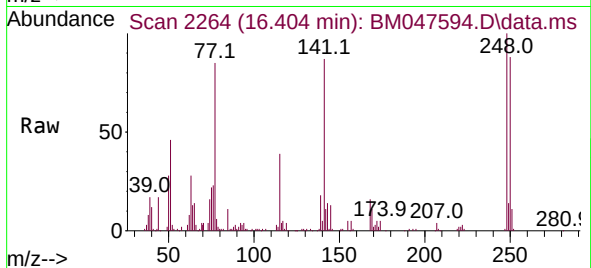
Tgt Ion:169 Resp: 219957
Ion Ratio Lower Upper
169 100
168 69.2 55.8 83.8
167 40.3 30.7 46.1





#67
4-Bromophenyl-phenylether
Concen: 6.019 ng
RT: 16.404 min Scan# 2264
Delta R.T. 0.000 min
Lab File: BM047594.D
Acq: 20 Sep 2024 18:20

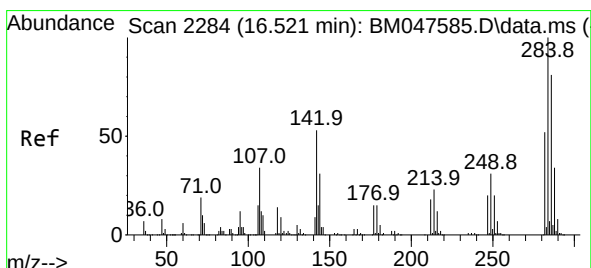
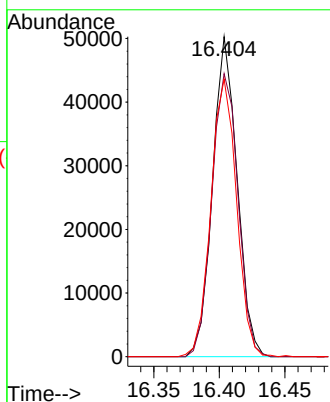
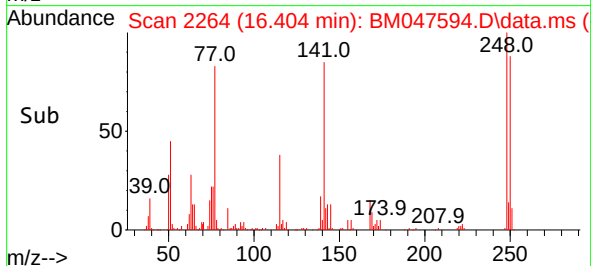
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2024



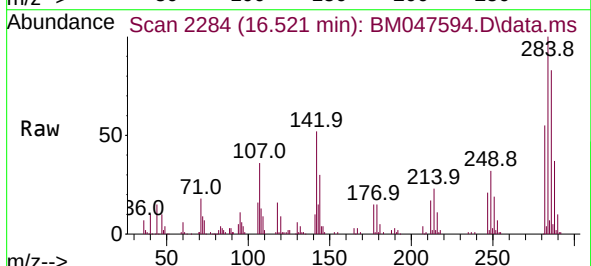
Tgt Ion:248 Resp: 6544
Ion Ratio Lower Upper
248 100
250 88.5 76.7 115.1
141 86.7 76.7 115.1

Manual Integrations
APPROVED

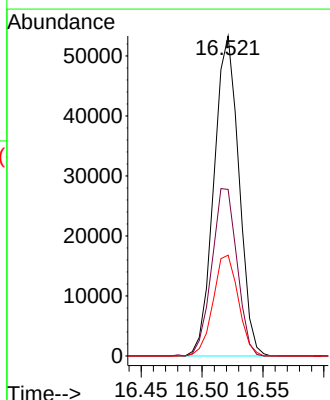
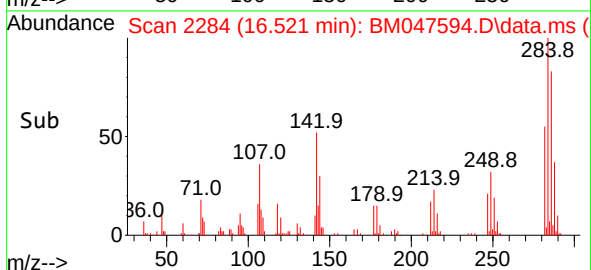
Reviewed By :Jagrut Upadhyay 09/23/2024
Supervised By :mohammad ahmed 09/24/2024

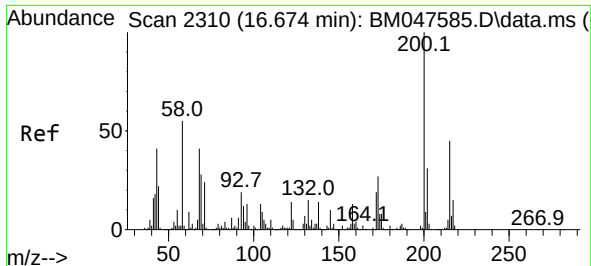


#68
Hexachlorobenzene
Concen: 5.981 ng
RT: 16.521 min Scan# 2284
Delta R.T. 0.000 min
Lab File: BM047594.D
Acq: 20 Sep 2024 18:20



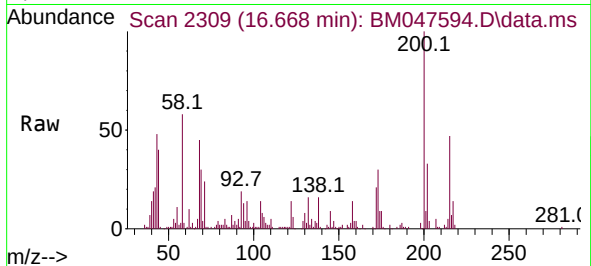
Tgt Ion:284 Resp: 76021
Ion Ratio Lower Upper
284 100
142 52.1 42.5 63.7
249 31.5 25.0 37.6





#69
 Atrazine
 Concen: 7.006 ng
 RT: 16.668 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM047594.D
 Acq: 20 Sep 2024 18:20

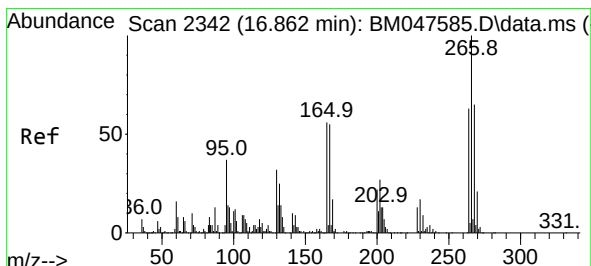
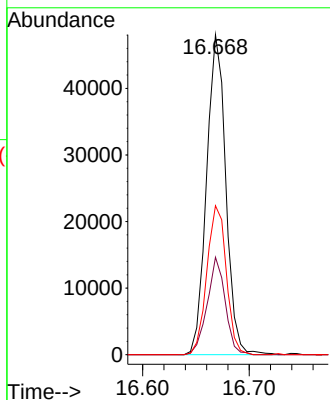
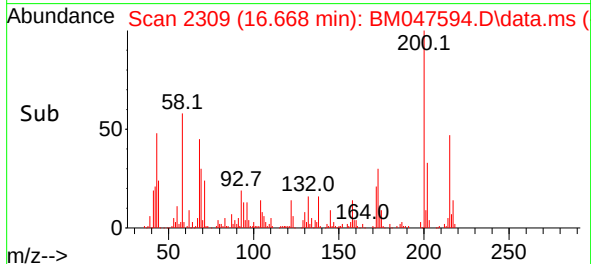
Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT2-2024



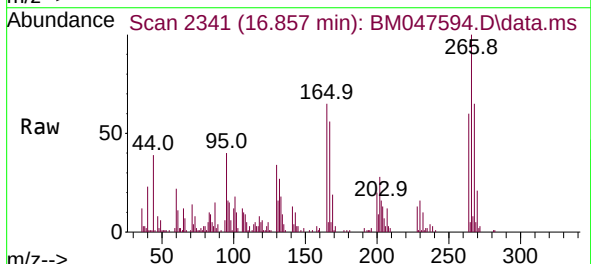
Tgt Ion:200 Resp: 60294
 Ion Ratio Lower Upper
 200 100
 173 30.5 7.4 47.4
 215 46.6 24.5 64.5

Manual Integrations
 APPROVED

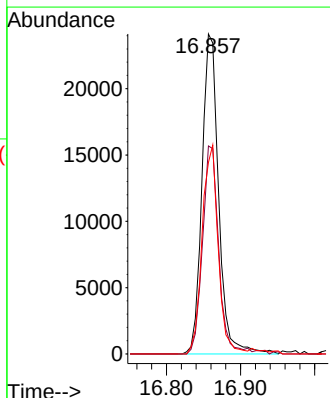
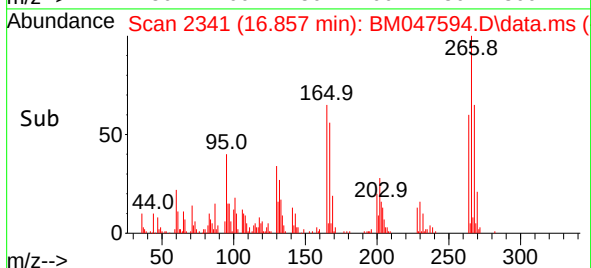
Reviewed By :Jagrut Upadhyay 09/23/2024
 Supervised By :mohammad ahmed 09/24/2024

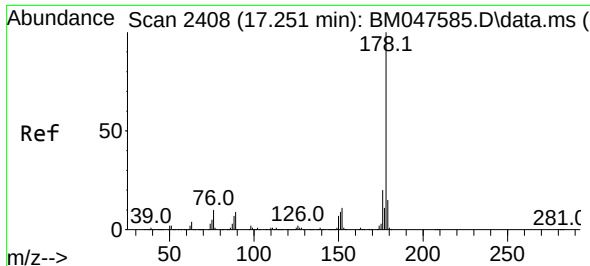


#70
 Pentachlorophenol
 Concen: 4.725 ng
 RT: 16.857 min Scan# 2341
 Delta R.T. -0.006 min
 Lab File: BM047594.D
 Acq: 20 Sep 2024 18:20



Tgt Ion:266 Resp: 37693
 Ion Ratio Lower Upper
 266 100
 268 65.0 52.2 78.4
 264 59.8 50.0 75.0





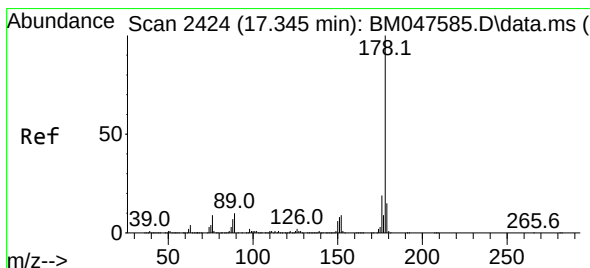
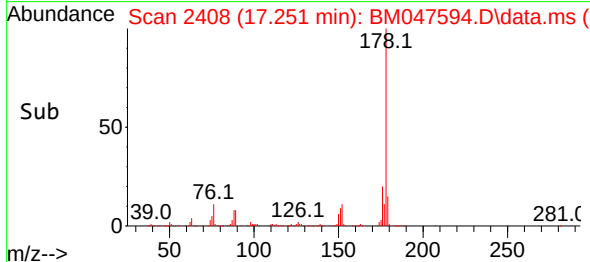
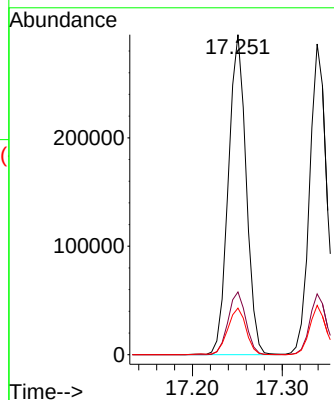
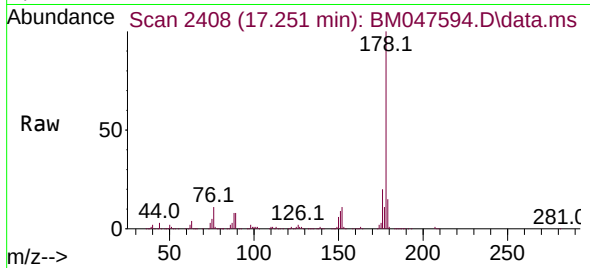
#71
Phenanthrene
Concen: 6.260 ng
RT: 17.251 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BM047594.D
Acq: 20 Sep 2024 18:20

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2024

Tgt Ion:178 Resp: 406680
Ion Ratio Lower Upper
178 100
176 19.6 15.8 23.8
179 14.6 12.2 18.2

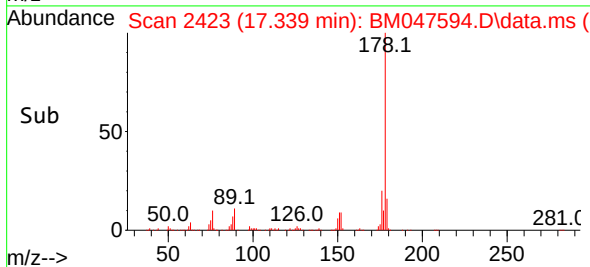
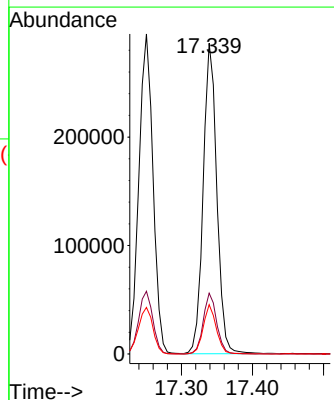
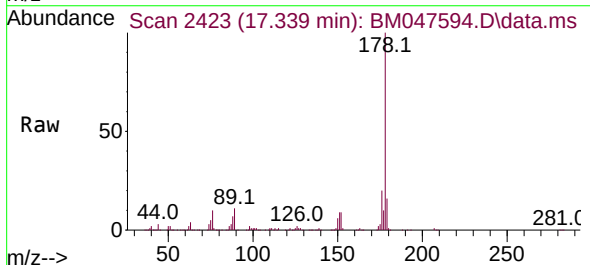
Manual Integrations
APPROVED

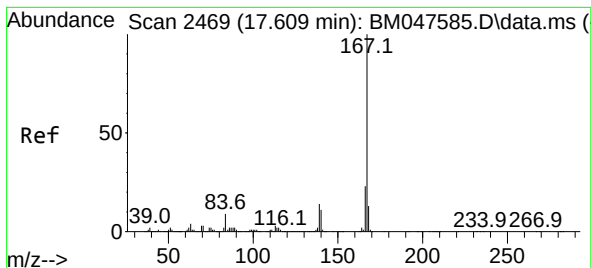
Reviewed By :Jagrut Upadhyay 09/23/2024
Supervised By :mohammad ahmed 09/24/2024



#72
Anthracene
Concen: 6.225 ng
RT: 17.339 min Scan# 2423
Delta R.T. -0.006 min
Lab File: BM047594.D
Acq: 20 Sep 2024 18:20

Tgt Ion:178 Resp: 383150
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.2
179 15.9 12.2 18.2





#73

Carbazole

Concen: 5.817 ng

RT: 17.604 min Scan# 2469

Delta R.T. -0.006 min

Lab File: BM047594.D

Acq: 20 Sep 2024 18:20

Instrument :

BNA_M

ClientSampleId :

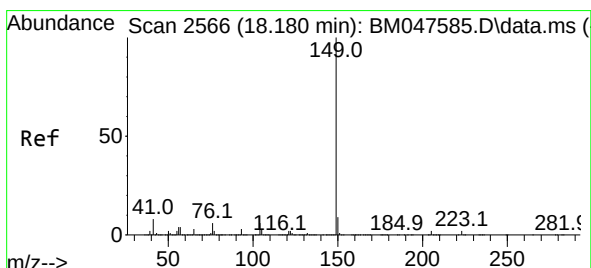
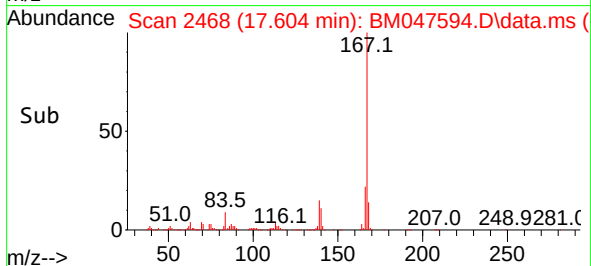
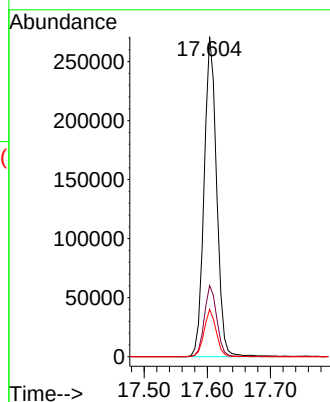
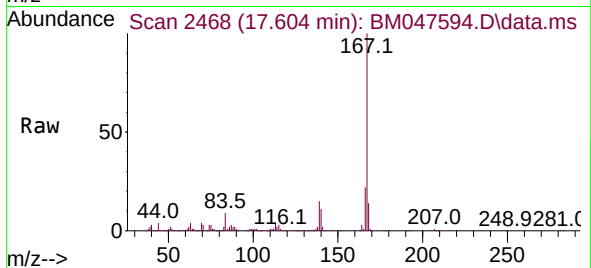
MDL-WATER-03-QT2-2024

Tgt Ion:	167	Resp:	37308
Ion Ratio	Lower	Upper	
167	100		
166	22.2	18.0	27.0
139	14.8	11.3	16.9

Manual Integrations

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Reviewed By :Jagrut Upadhyay 09/23/2024
Supervised By :mohammad ahmed 09/24/2024



#74

Di-n-butylphthalate

Concen: 5.322 ng

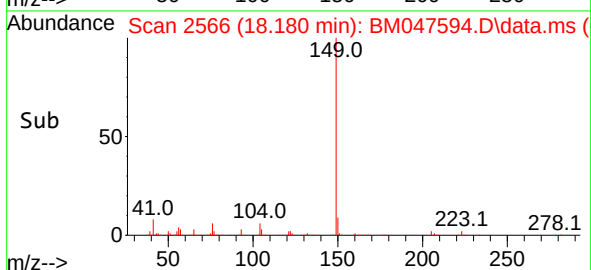
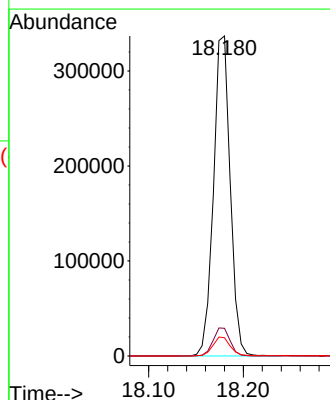
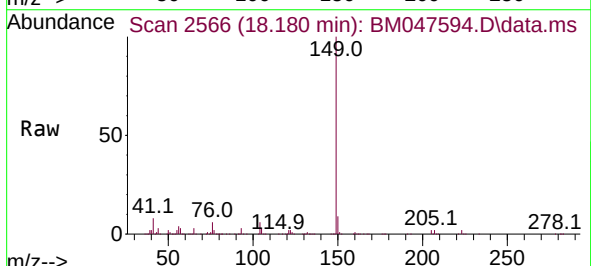
RT: 18.180 min Scan# 2566

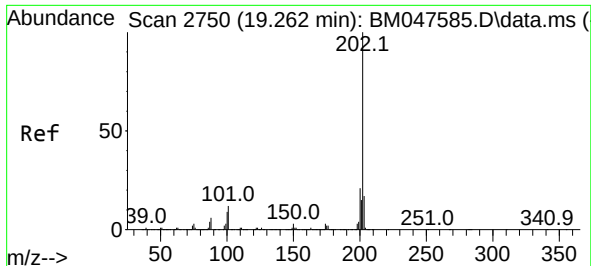
Delta R.T. 0.000 min

Lab File: BM047594.D

Acq: 20 Sep 2024 18:20

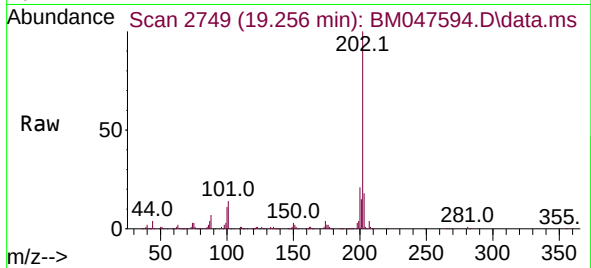
Tgt Ion:	149	Resp:	412858
Ion Ratio	Lower	Upper	
149	100		
150	8.7	7.4	11.0
104	5.7	4.7	7.1





#75
Fluoranthene
Concen: 5.502 ng
RT: 19.256 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BM047594.D
Acq: 20 Sep 2024 18:20

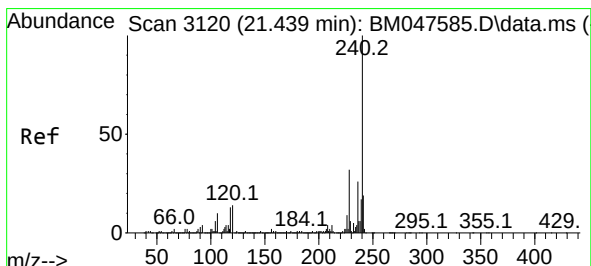
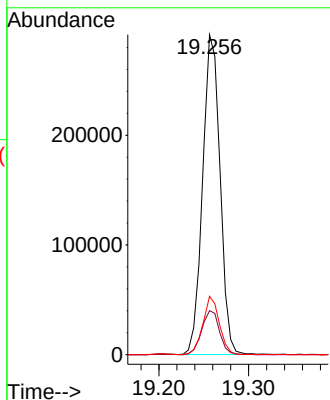
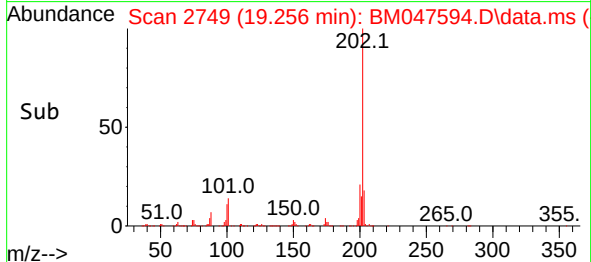
Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT2-2024



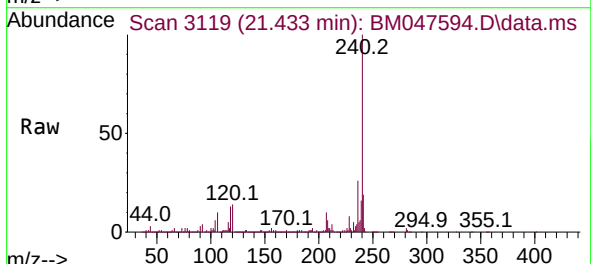
Tgt Ion:202 Resp: 393470
Ion Ratio Lower Upper
202 100
101 13.8 0.0 32.2
203 18.2 0.0 37.4

Manual Integrations
APPROVED

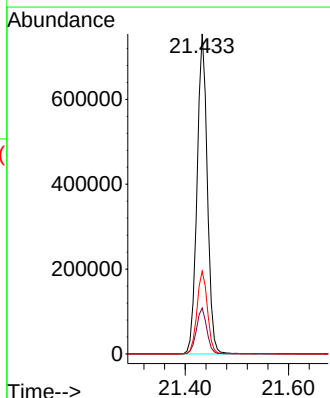
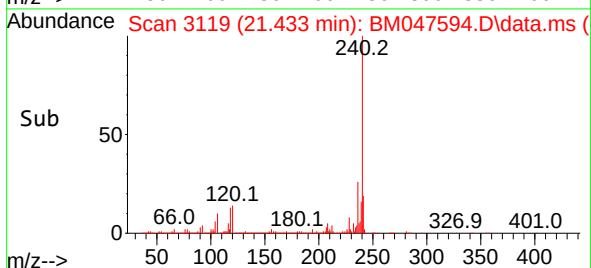
Reviewed By :Jagrut Upadhyay 09/23/2024
Supervised By :mohammad ahmed 09/24/2024

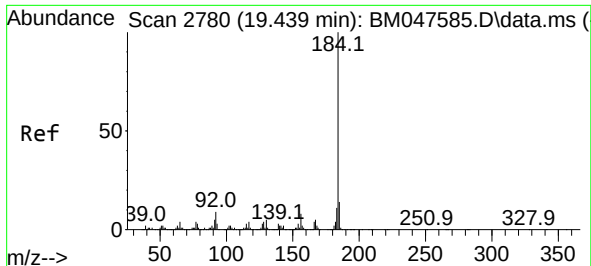


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.433 min Scan# 3119
Delta R.T. -0.006 min
Lab File: BM047594.D
Acq: 20 Sep 2024 18:20



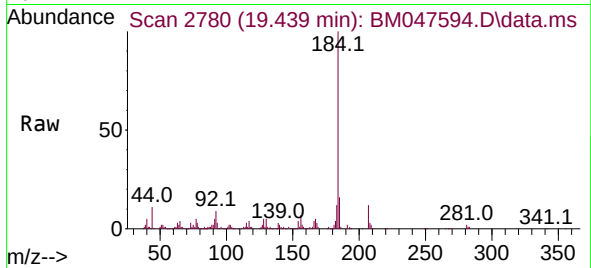
Tgt Ion:240 Resp: 1040049
Ion Ratio Lower Upper
240 100
120 14.4 10.8 16.2
236 25.8 20.8 31.2





#77
Benzidine
Concen: 11.258 ng
RT: 19.439 min Scan# 2780
Delta R.T. -0.000 min
Lab File: BM047594.D
Acq: 20 Sep 2024 18:20

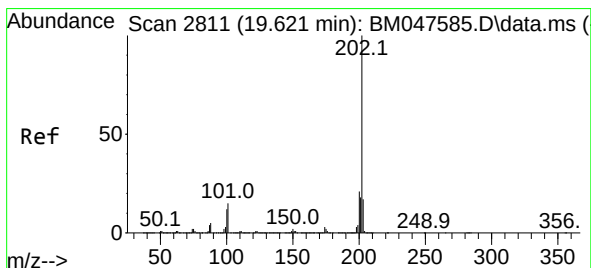
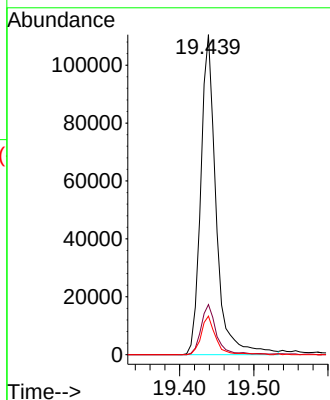
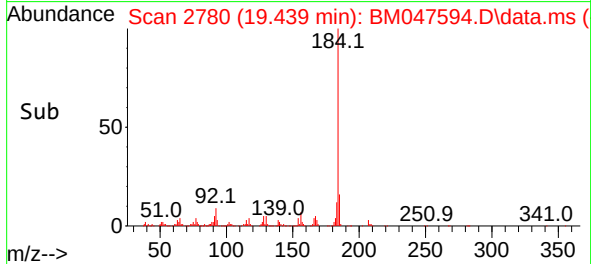
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2024



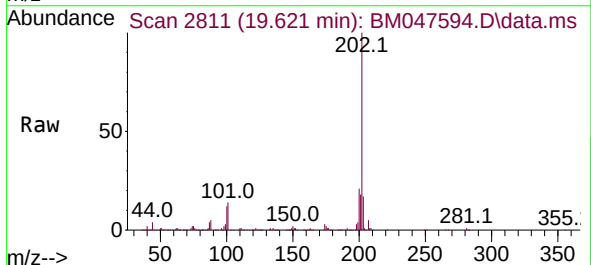
Tgt Ion:184 Resp: 159459
Ion Ratio Lower Upper
184 100
185 15.6 11.5 17.3
183 12.1 8.7 13.1

Manual Integrations
APPROVED

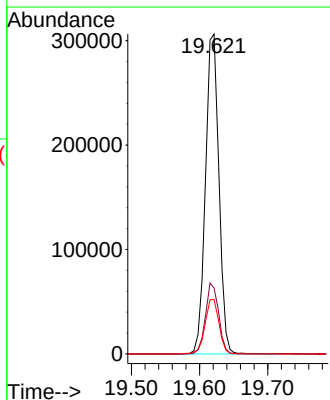
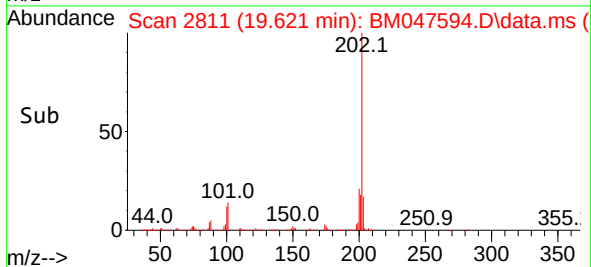
Reviewed By :Jagrut Upadhyay 09/23/2024
Supervised By :mohammad ahmed 09/24/2024

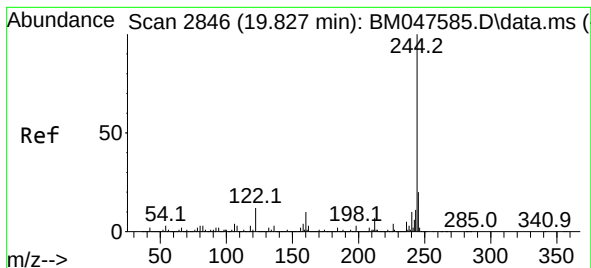


#78
Pyrene
Concen: 5.784 ng
RT: 19.621 min Scan# 2811
Delta R.T. 0.000 min
Lab File: BM047594.D
Acq: 20 Sep 2024 18:20



Tgt Ion:202 Resp: 421075
Ion Ratio Lower Upper
202 100
200 20.7 17.2 25.8
203 17.0 13.8 20.8





#79

Terphenyl-d14

Concen: 71.232 ng

RT: 19.827 min Scan# 2

Delta R.T. 0.000 min

Lab File: BM047594.D

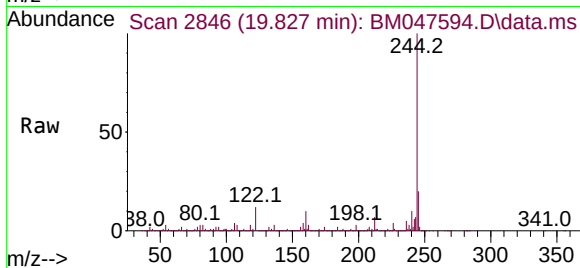
Acq: 20 Sep 2024 18:20

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2024



Tgt Ion:244 Resp: 4128979

Ion Ratio Lower Upper

244 100

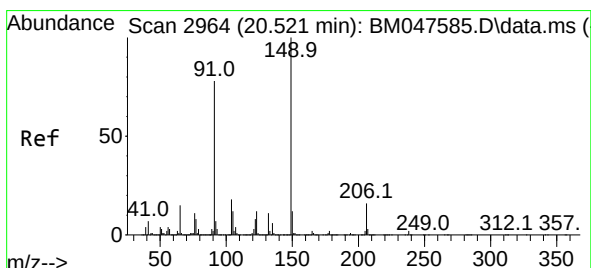
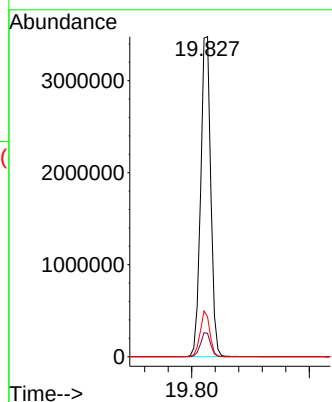
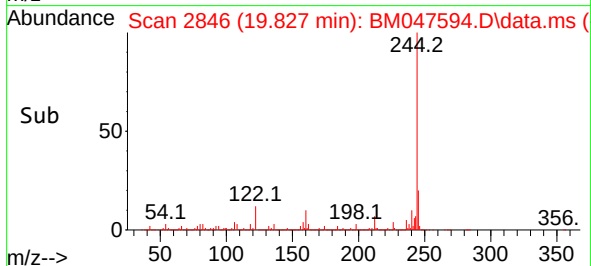
212 7.3 6.0 9.0

122 12.4 10.0 15.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/23/2024
Supervised By :mohammad ahmed 09/24/2024



#80

Butylbenzylphthalate

Concen: 5.064 ng

RT: 20.515 min Scan# 2963

Delta R.T. -0.006 min

Lab File: BM047594.D

Acq: 20 Sep 2024 18:20

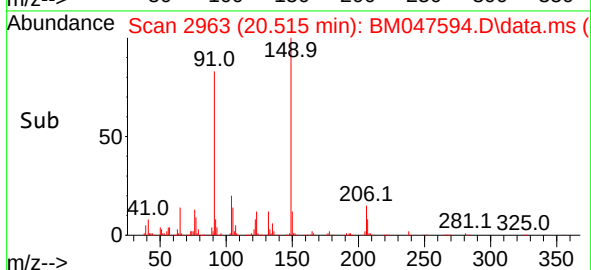
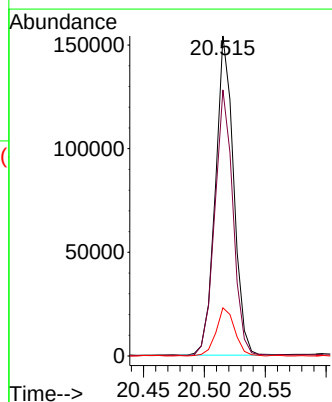
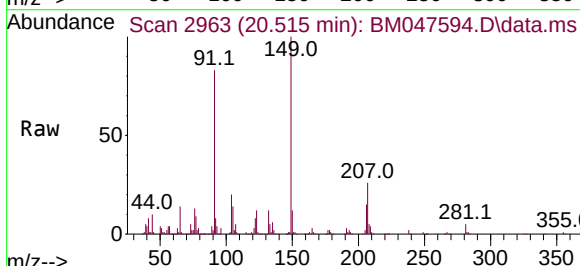
Tgt Ion:149 Resp: 160495

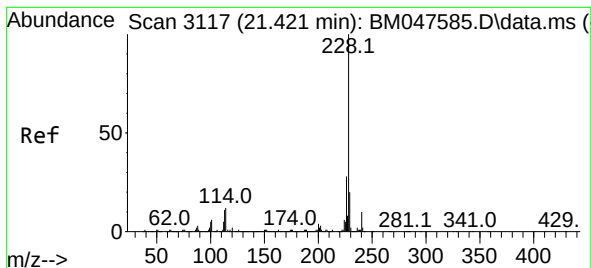
Ion Ratio Lower Upper

149 100

91 83.2 62.3 93.5

206 15.0 13.0 19.6





#81

Benzo(a)anthracene

Concen: 6.244 ng

RT: 21.415 min Scan# 3116

Delta R.T. -0.006 min

Lab File: BM047594.D

Acq: 20 Sep 2024 18:20

Instrument :

BNA_M

ClientSampleId :

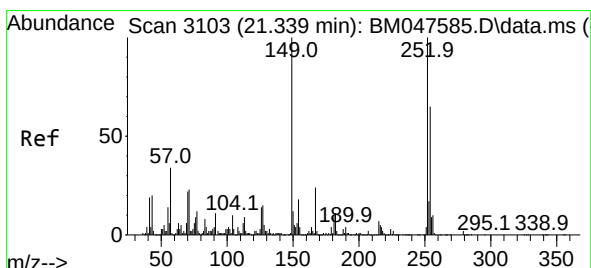
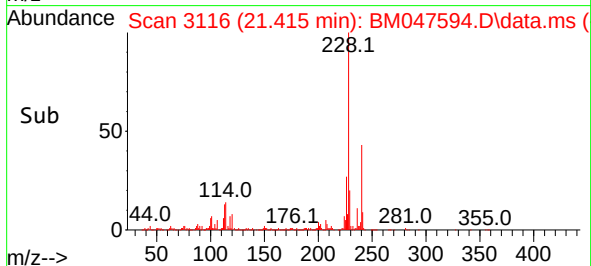
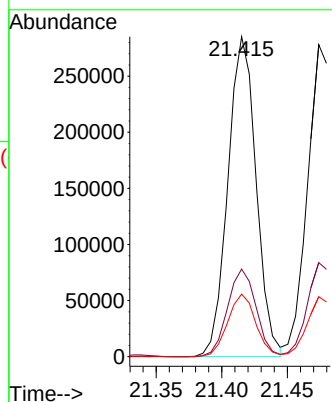
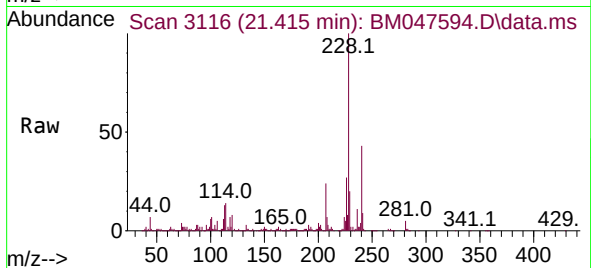
MDL-WATER-03-QT2-2024

Tgt Ion:228 Resp: 426985
 Ion Ratio Lower Upper
 228 100
 226 27.4 22.4 33.6
 229 19.6 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/23/2024
 Supervised By :mohammad ahmed 09/24/2024



#82

3,3'-Dichlorobenzidine

Concen: 5.604 ng

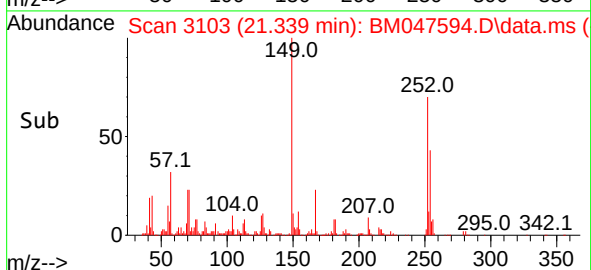
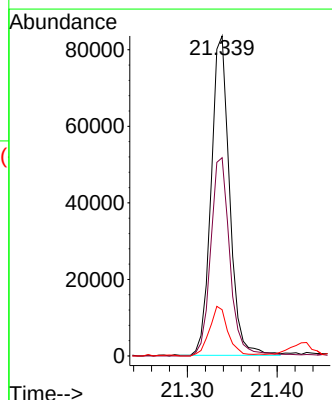
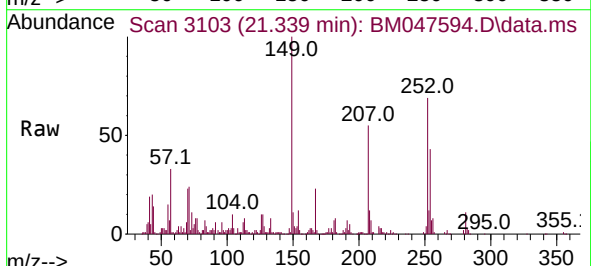
RT: 21.339 min Scan# 3103

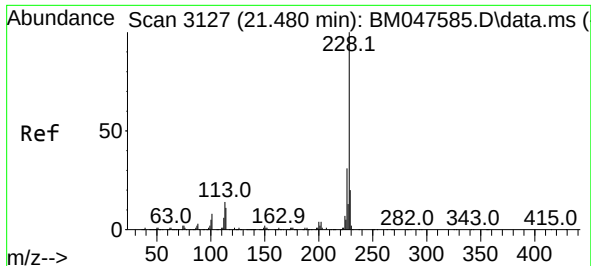
Delta R.T. 0.000 min

Lab File: BM047594.D

Acq: 20 Sep 2024 18:20

Tgt Ion:252 Resp: 119026
 Ion Ratio Lower Upper
 252 100
 254 62.0 52.3 78.5
 126 14.5 11.4 17.0





#83

Chrysene

Concen: 6.364 ng

RT: 21.474 min Scan# 3127

Delta R.T. -0.006 min

Lab File: BM047594.D

Acq: 20 Sep 2024 18:20

Instrument :

BNA_M

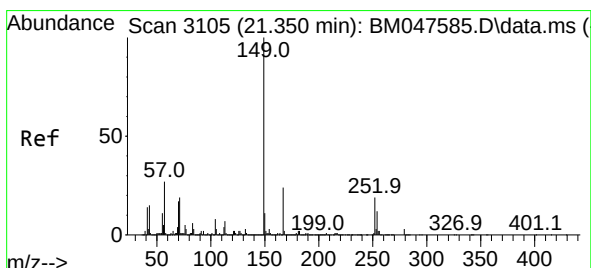
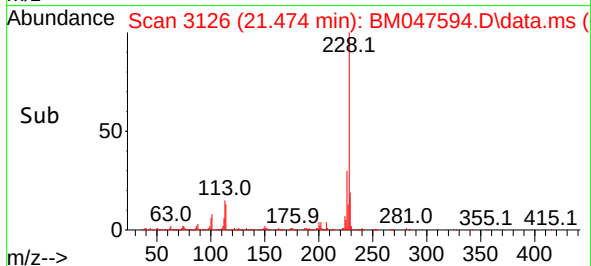
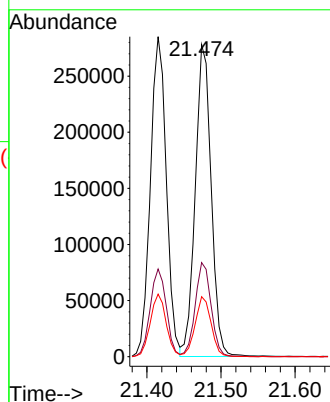
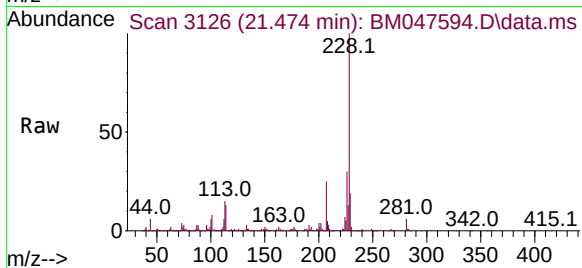
ClientSampleId :

MDL-WATER-03-QT2-2024

Tgt Ion:228 Resp: 41388
 Ion Ratio Lower Upper
 228 100
 226 30.2 24.9 37.3
 229 19.2 15.8 23.6

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 09/23/2024
 Supervised By :mohammad ahmed 09/24/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 5.014 ng

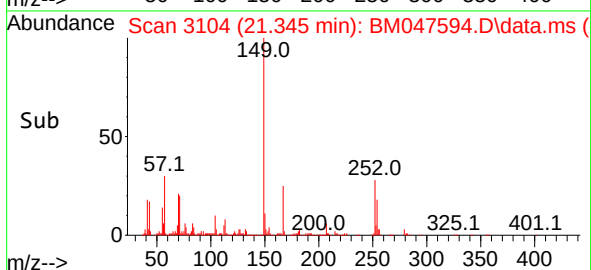
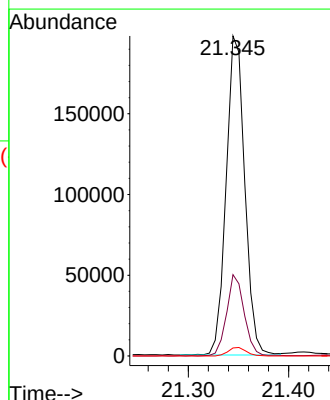
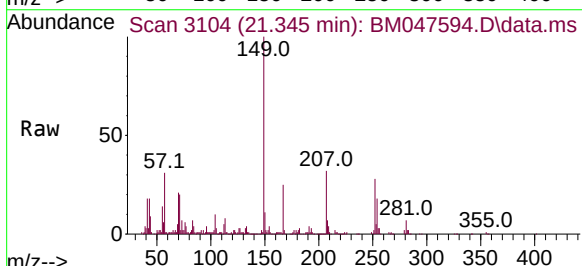
RT: 21.345 min Scan# 3104

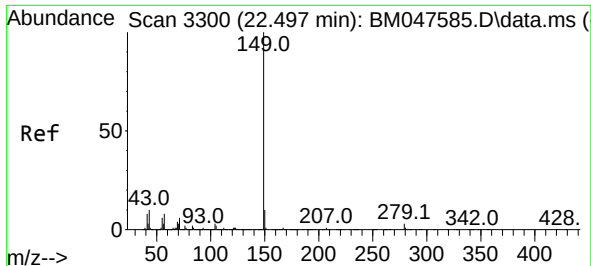
Delta R.T. -0.006 min

Lab File: BM047594.D

Acq: 20 Sep 2024 18:20

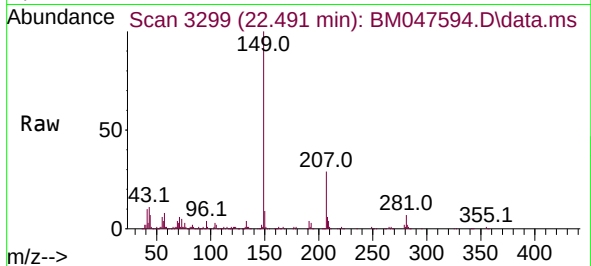
Tgt Ion:149 Resp: 254146
 Ion Ratio Lower Upper
 149 100
 167 25.4 19.5 29.3
 279 2.5 2.3 3.5





#85
Di-n-octyl phthalate
Concen: 4.786 ng
RT: 22.491 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM047594.D
Acq: 20 Sep 2024 18:20

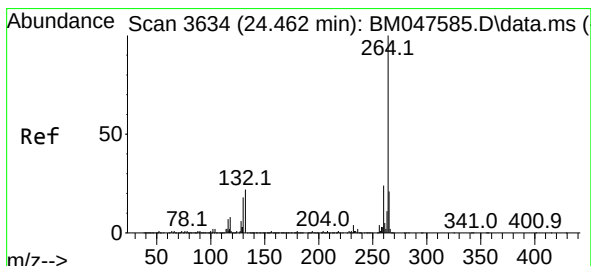
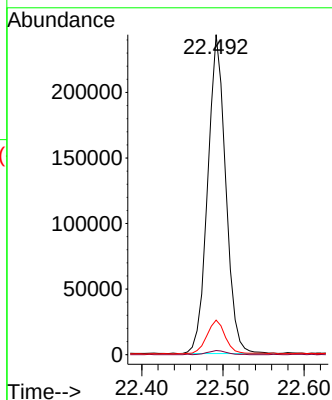
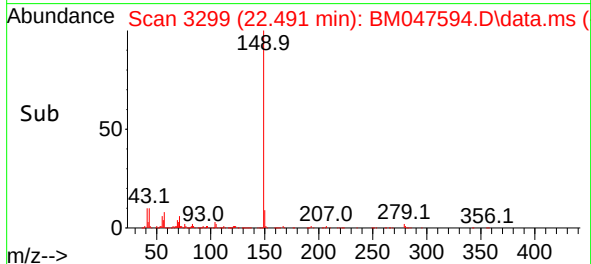
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2024



Tgt Ion:149 Resp: 374380
Ion Ratio Lower Upper
149 100
167 1.4 1.1 1.7
43 11.1 8.2 12.2

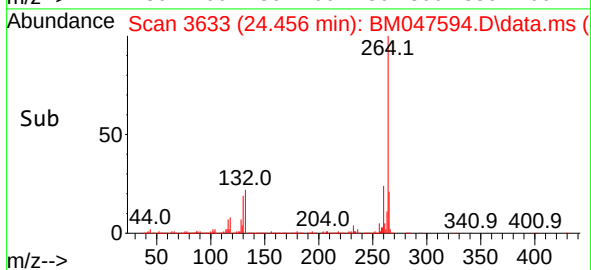
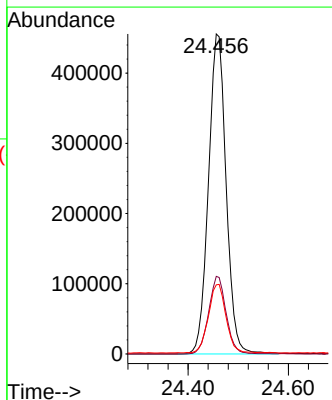
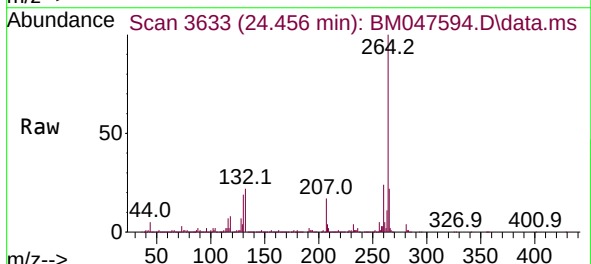
Manual Integrations
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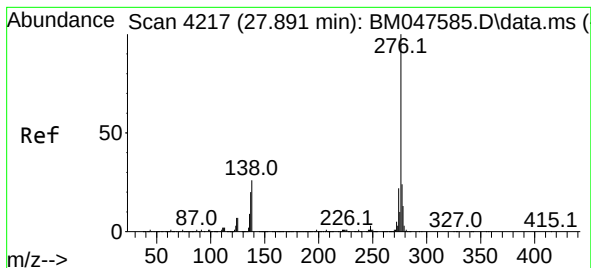
Reviewed By :Jagrut Upadhyay 09/23/2024
Supervised By :mohammad ahmed 09/24/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.456 min Scan# 3633
Delta R.T. -0.006 min
Lab File: BM047594.D
Acq: 20 Sep 2024 18:20

Tgt Ion:264 Resp: 1116061
Ion Ratio Lower Upper
264 100
260 24.3 18.9 28.3
265 21.6 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 6.214 ng

RT: 27.868 min Scan# 41

Delta R.T. -0.023 min

Lab File: BM047594.D

Acq: 20 Sep 2024 18:20

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2024

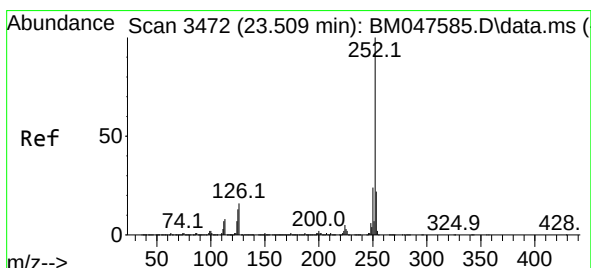
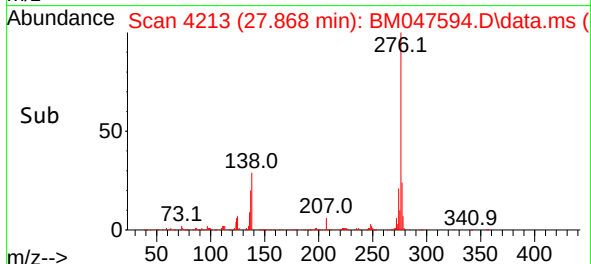
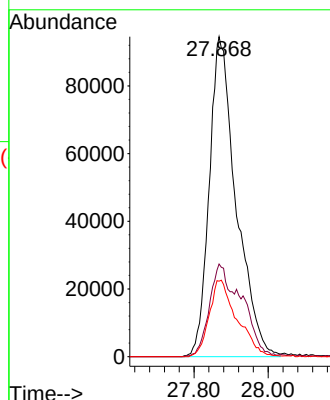
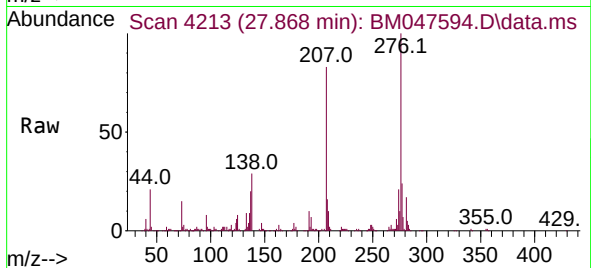
Tgt Ion: 276 Resp: 47691

Ion	Ratio	Lower	Upper
276	100		
138	34.5	18.1	27.1
277	24.8	20.0	30.0

Manual Integrations

APPROVED

Reviewed By : Jagrut Upadhyay 09/23/2024
Supervised By : mohammad ahmed 09/24/2024



#88

Benzo(b)fluoranthene

Concen: 5.751 ng

RT: 23.497 min Scan# 3470

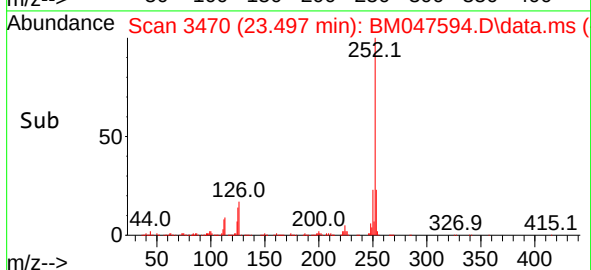
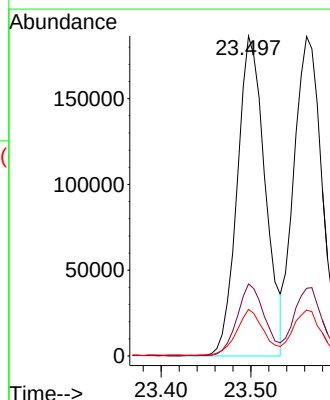
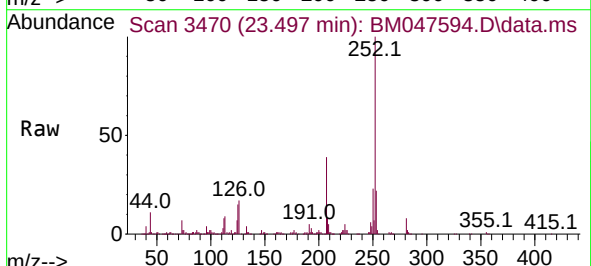
Delta R.T. -0.012 min

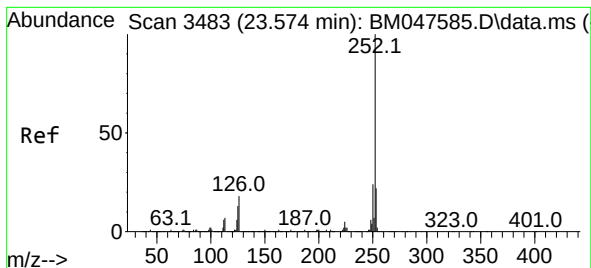
Lab File: BM047594.D

Acq: 20 Sep 2024 18:20

Tgt Ion: 252 Resp: 403381

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.0
125	14.5	10.2	15.2





#89

Benzo(k)fluoranthene

Concen: 5.942 ng

RT: 23.562 min Scan# 34

Delta R.T. -0.012 min

Lab File: BM047594.D

Acq: 20 Sep 2024 18:20

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2024

Tgt Ion:252 Resp: 40913

Ion Ratio Lower Upper

252 100

253 21.2 17.6 26.4

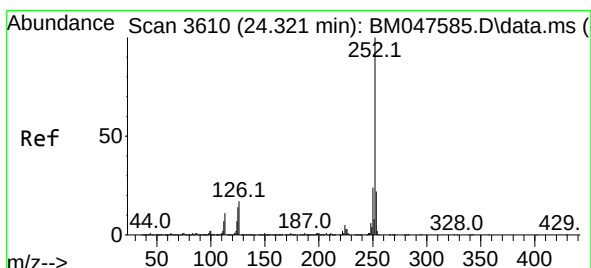
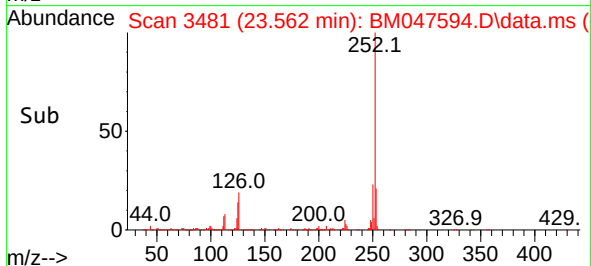
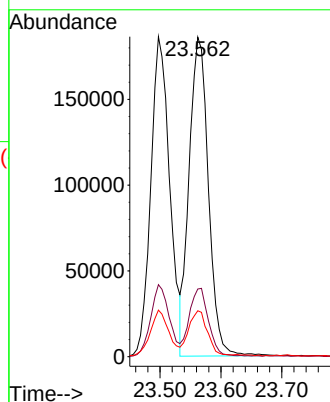
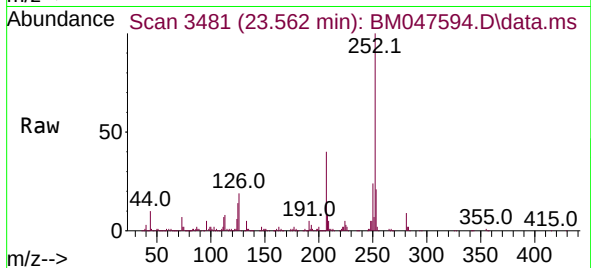
125 14.4 10.2 15.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/23/2024

Supervised By :mohammad ahmed 09/24/2024



#90

Benzo(a)pyrene

Concen: 6.043 ng

RT: 24.315 min Scan# 3609

Delta R.T. -0.006 min

Lab File: BM047594.D

Acq: 20 Sep 2024 18:20

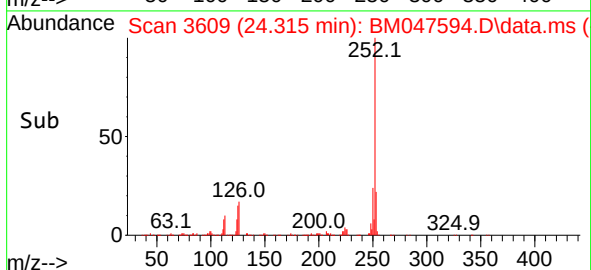
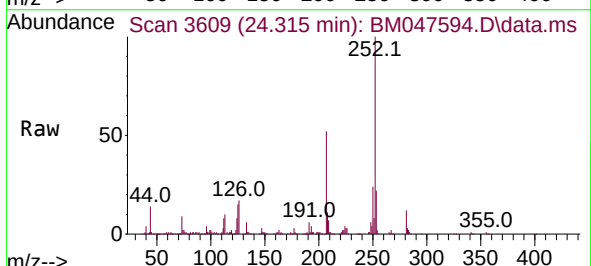
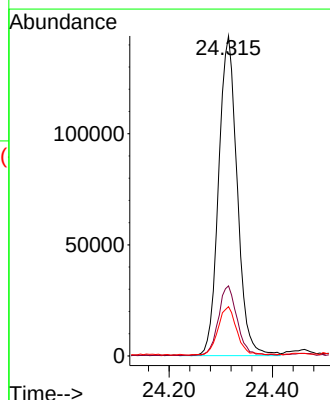
Tgt Ion:252 Resp: 359390

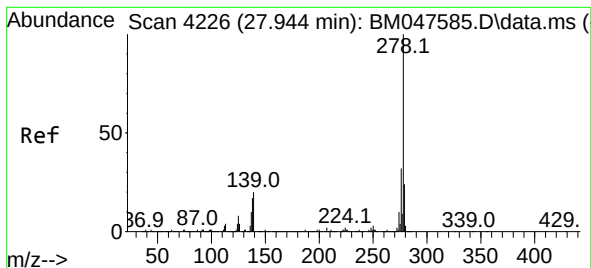
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

125 15.4 11.5 17.3





#91

Dibenzo(a,h)anthracene

Concen: 6.120 ng

RT: 27.932 min Scan# 41

Delta R.T. -0.012 min

Lab File: BM047594.D

Acq: 20 Sep 2024 18:20

Instrument :

BNA_M

ClientSampleId :

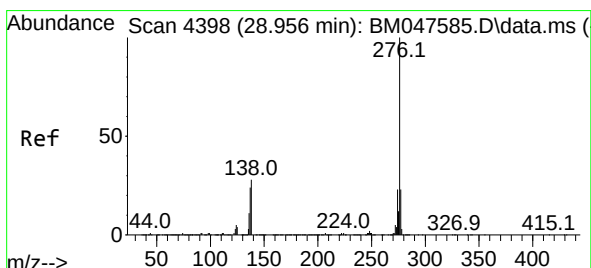
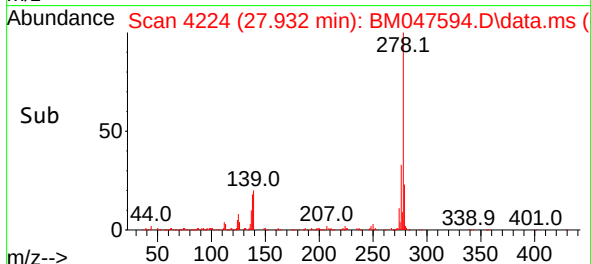
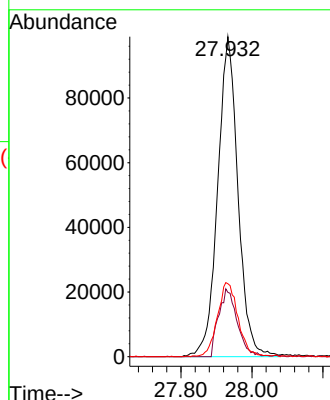
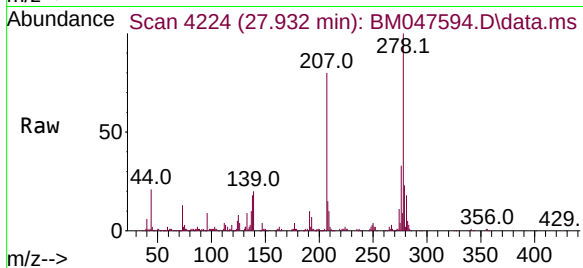
MDL-WATER-03-QT2-2024

Tgt Ion:278 Resp: 39231
 Ion Ratio Lower Upper
 278 100
 139 20.1 16.4 24.6
 279 22.8 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/23/2024
 Supervised By :mohammad ahmed 09/24/2024



#92

Benzo(g,h,i)perylene

Concen: 5.840 ng

RT: 28.926 min Scan# 4393

Delta R.T. -0.029 min

Lab File: BM047594.D

Acq: 20 Sep 2024 18:20

Tgt Ion:276 Resp: 375201
 Ion Ratio Lower Upper
 276 100
 277 22.6 18.3 27.5
 138 27.3 22.3 33.5

