

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092024\
 Data File : BM047593.D
 Acq On : 20 Sep 2024 17:40
 Operator : RC/JU
 Sample : P2403-09
 Misc : MDL-MDL-WATER 4 ppm
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Sep 21 03:26:01 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 :Yogesh Patel 09/21/2024
 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	301789	20.000	ng	0.00
21) Naphthalene-d8	10.639	136	1251619	20.000	ng	0.00
39) Acenaphthene-d10	14.474	164	664447	20.000	ng	0.00
64) Phenanthrene-d10	17.209	188	1212735	20.000	ng	0.00
76) Chrysene-d12	21.433	240	1008554	20.000	ng	0.00
86) Perylene-d12	24.462	264	1106352	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	2018089	102.476	ng	0.00
7) Phenol-d6	7.004	99	2609077	100.548	ng	0.00
23) Nitrobenzene-d5	8.998	82	1652605	65.729	ng	0.00
42) 2,4,6-Tribromophenol	15.956	330	552108	89.736	ng	0.00
45) 2-Fluorobiphenyl	13.098	172	2992391	63.724	ng	0.00
79) Terphenyl-d14	19.827	244	3341003	59.438	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.316	88	29311	3.418	ng	98
3) Pyridine	3.722	79	65116	2.739	ng	97
4) n-Nitrosodimethylamine	3.622	42	31128	3.158	ng	# 92
6) Aniline	7.169	93	81793	3.679	ng	97
8) 2-Chlorophenol	7.410	128	65549	3.179	ng	93
9) Benzaldehyde	6.981	77	66341m	5.010	ng	
10) Phenol	7.028	94	81980	3.182	ng	86
11) bis(2-Chloroethyl)ether	7.263	93	64254	3.103	ng	99
12) 1,3-Dichlorobenzene	7.734	146	70167	3.078	ng	96
13) 1,4-Dichlorobenzene	7.881	146	71881	3.116	ng	95
14) 1,2-Dichlorobenzene	8.198	146	69496	3.125	ng	99
15) Benzyl Alcohol	8.081	79	49966	2.984	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.363	45	90920	3.444	ng	99
17) 2-Methylphenol	8.281	107	45900	2.834	ng	98
18) Hexachloroethane	8.928	117	28396	3.035	ng	92
19) n-Nitroso-di-n-propyla...	8.645	70	44919	2.826	ng	97
20) 3+4-Methylphenols	8.604	107	61478	2.787	ng	94
22) Acetophenone	8.663	105	94535	2.899	ng	# 98
24) Nitrobenzene	9.039	77	80962	3.118	ng	95
25) Isophorone	9.569	82	112906	2.687	ng	99
26) 2-Nitrophenol	9.751	139	20091	2.200	ng	94
27) 2,4-Dimethylphenol	9.810	122	36142	2.777	ng	95
28) bis(2-Chloroethoxy)met...	10.045	93	77278	2.859	ng	97
29) 2,4-Dichlorophenol	10.286	162	41260	2.508	ng	92
30) 1,2,4-Trichlorobenzene	10.504	180	52948	2.823	ng	98
31) Naphthalene	10.692	128	188106	2.841	ng	98
32) Benzoic acid	9.851	122	20739	1.709	ng	100
33) 4-Chloroaniline	10.792	127	67557	2.894	ng	96
34) Hexachlorobutadiene	10.986	225	27413	2.686	ng	99
35) Caprolactam	11.545	113	11661m	2.050	ng	
36) 4-Chloro-3-methylphenol	11.910	107	42165	2.246	ng	94
37) 2-Methylnaphthalene	12.298	142	110797	2.663	ng	97
38) 1-Methylnaphthalene	12.521	142	102440	2.482	ng	# 95
40) 1,2,4,5-Tetrachloroben...	12.668	216	49237	2.808	ng	99
41) Hexachlorocyclopentadiene	12.657	237	19227	3.321	ng	98
43) 2,4,6-Trichlorophenol	12.904	196	25816	2.265	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.974	196	28291	2.209	ng	95
46) 1,1'-Biphenyl	13.310	154	150434	2.932	ng	99
47) 2-Chloronaphthalene	13.351	162	109567	2.729	ng	99
48) 2-Nitroaniline	13.545	65	23438	1.954	ng	93
49) Acenaphthylene	14.192	152	158994	2.752	ng	100
50) Dimethylphthalate	13.927	163	121698	2.653	ng	99
51) 2,6-Dinitrotoluene	14.039	165	18278	1.902	ng	# 86
52) Acenaphthene	14.539	154	98376m	2.577	ng	
53) 3-Nitroaniline	14.362	138	20846	1.891	ng	# 97
54) 2,4-Dinitrophenol	14.568	184	5915	1.357	ng	96
55) Dibenzofuran	14.868	168	153808	2.757	ng	100
56) 4-Nitrophenol	14.668	139	15948	1.688	ng	96
57) 2,4-Dinitrotoluene	14.821	165	21432	1.673	ng	# 84
58) Fluorene	15.515	166	115776	2.345	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.098	232	21710	2.217	ng	98
60) Diethylphthalate	15.292	149	118245	2.418	ng	99
61) 4-Chlorophenyl-phenyle...	15.515	204	51965	2.409	ng	94
62) 4-Nitroaniline	15.521	138	20523	1.652	ng	95
63) Azobenzene	15.804	77	130903	2.448	ng	99
65) 4,6-Dinitro-2-methylph...	15.586	198	8376	1.458	ng	93
66) n-Nitrosodiphenylamine	15.721	169	92329	2.549	ng	98
67) 4-Bromophenyl-phenylether	16.404	248	26682	2.422	ng	97
68) Hexachlorobenzene	16.521	284	33334	2.588	ng	89
69) Atrazine	16.668	200	23827	2.732	ng	98
70) Pentachlorophenol	16.856	266	14417	1.784	ng	94
71) Phenanthrene	17.251	178	175591	2.667	ng	100
72) Anthracene	17.339	178	157270	2.522	ng	99
73) Carbazole	17.609	167	151810	2.336	ng	99
74) Di-n-butylphthalate	18.180	149	161719	2.057	ng	100
75) Fluoranthene	19.256	202	160268	2.212	ng	98
77) Benzidine	19.439	184	47133	3.432	ng	96
78) Pyrene	19.621	202	171381	2.428	ng	99
80) Butylbenzylphthalate	20.515	149	58134	1.892	ng	97
81) Benzo(a)anthracene	21.415	228	178475	2.691	ng	99
82) 3,3'-Dichlorobenzidine	21.338	252	45350	2.202	ng	95
83) Chrysene	21.480	228	168067	2.665	ng	99
84) Bis(2-ethylhexyl)phtha...	21.350	149	90224	1.836	ng	98
85) Di-n-octyl phthalate	22.491	149	126642	1.670	ng	# 95
87) Indeno(1,2,3-cd)pyrene	27.867	276	190160	2.500	ng	# 88
88) Benzo(b)fluoranthene	23.503	252	162351	2.335	ng	97
89) Benzo(k)fluoranthene	23.562	252	163071	2.389	ng	99
90) Benzo(a)pyrene	24.315	252	146597	2.487	ng	98
91) Dibenzo(a,h)anthracene	27.932	278	156389	2.461	ng	94
92) Benzo(g,h,i)perylene	28.932	276	151080	2.372	ng	97

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

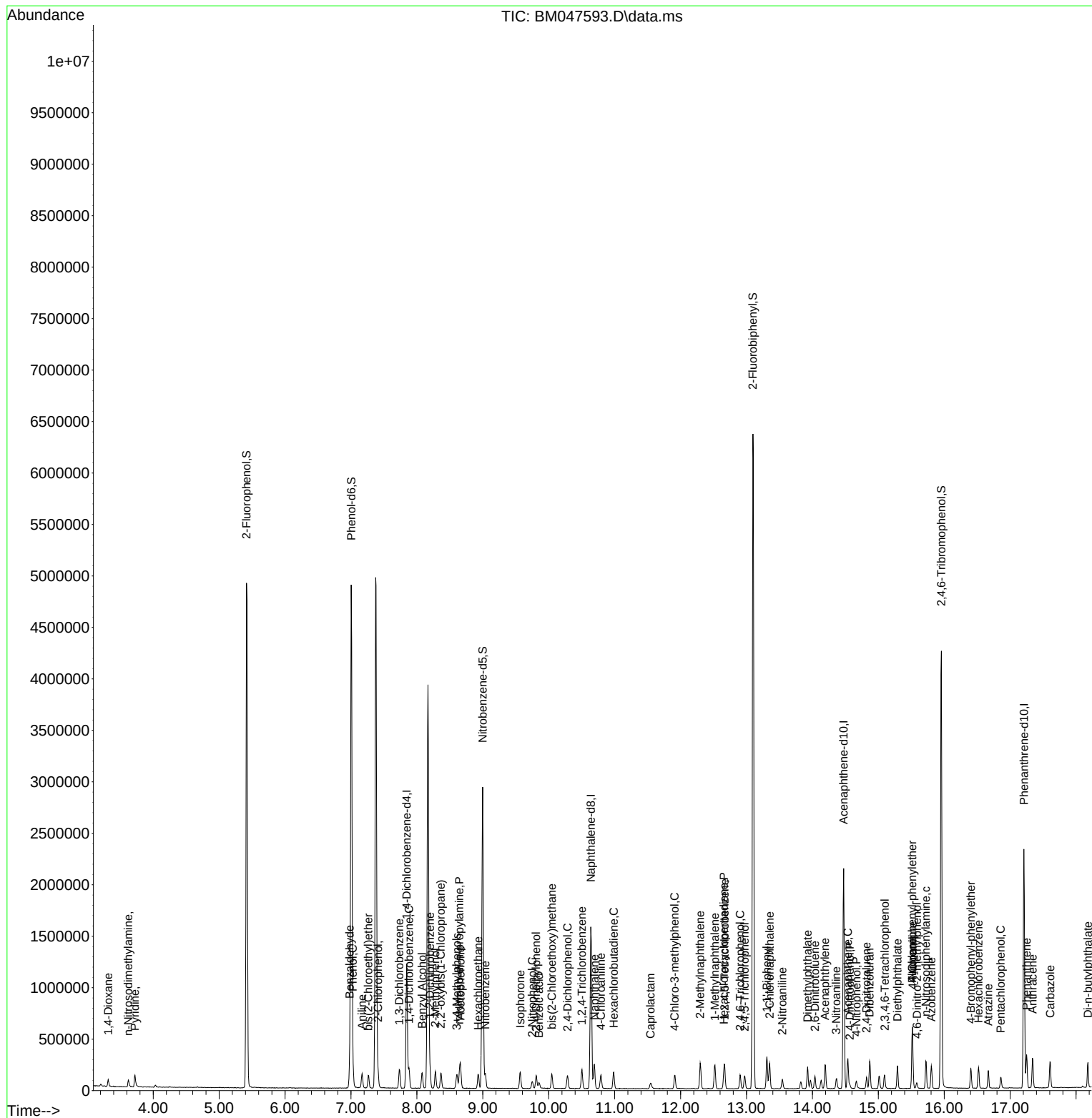
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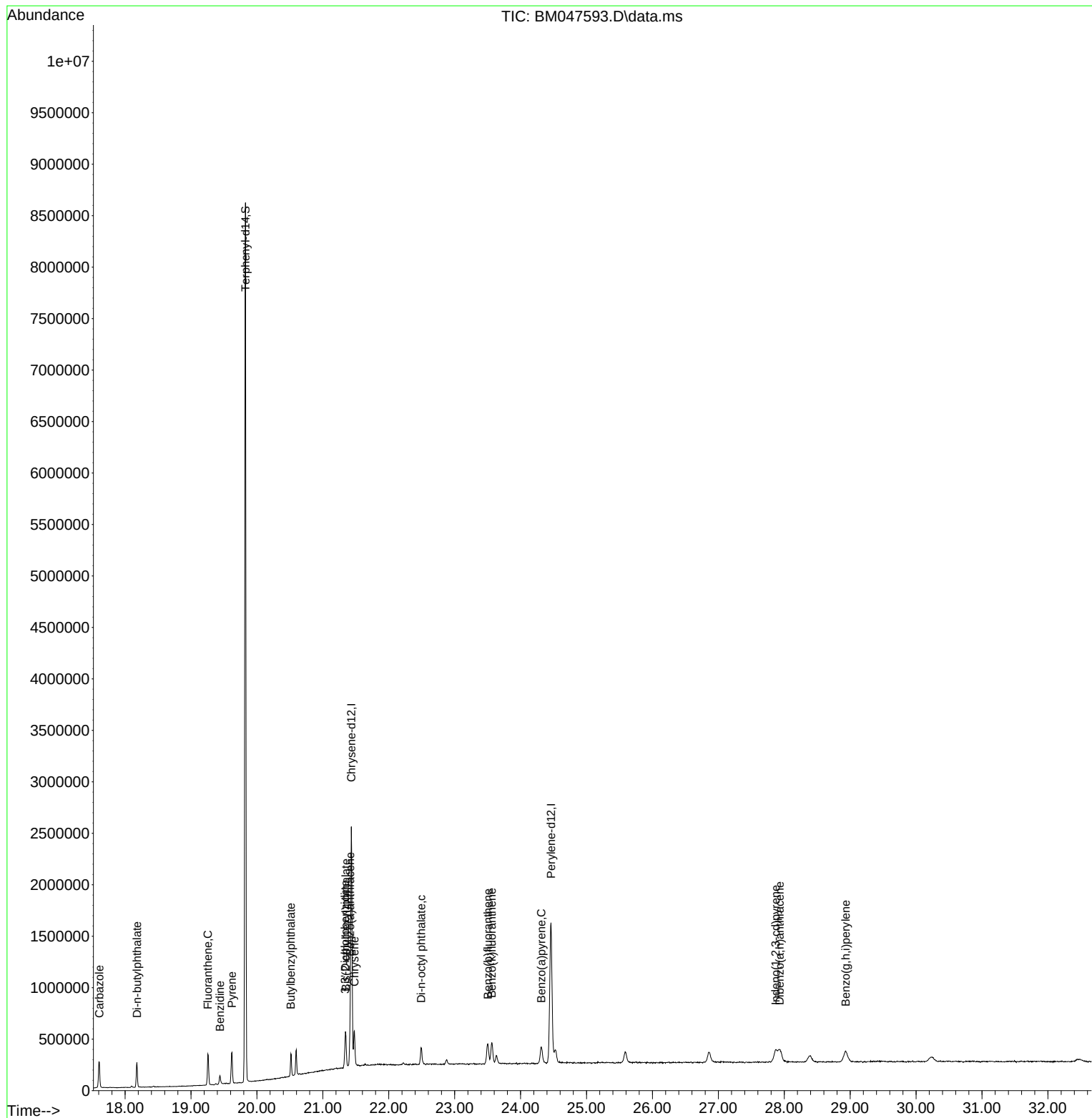
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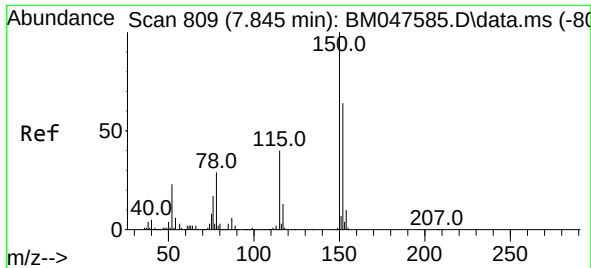
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ClientSampleId :
MDL-WATER-03-QT2-2024

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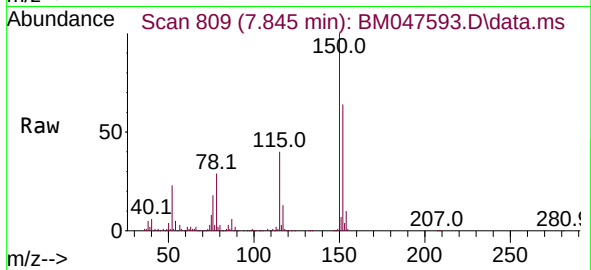
Reviewed By :Yogesh Patel 09/21/2024
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.845 min Scan# 809
Delta R.T. 0.000 min
Lab File: BM047593.D
Acq: 20 Sep 2024 17:40

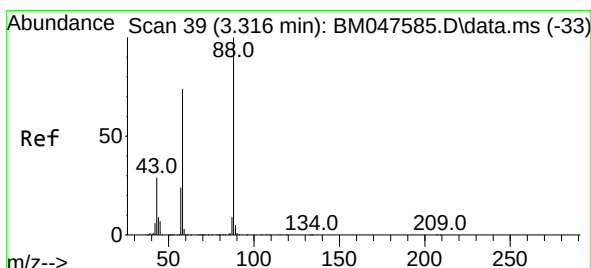
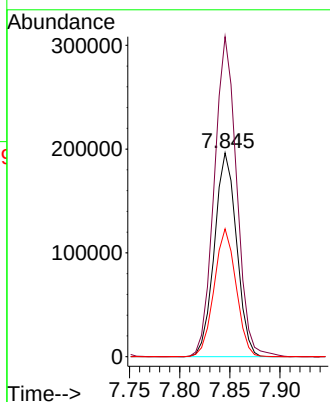
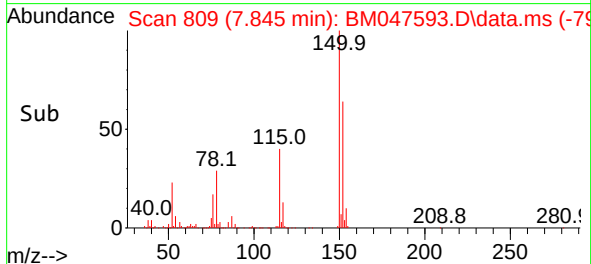
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2024



Tgt Ion:152 Resp: 301789
Ion Ratio Lower Upper
152 100
150 157.0 124.5 186.7
115 62.8 49.9 74.9

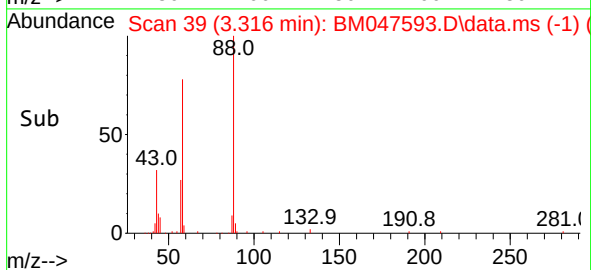
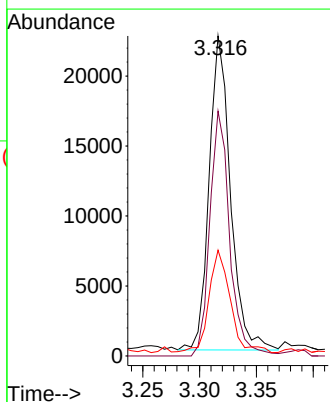
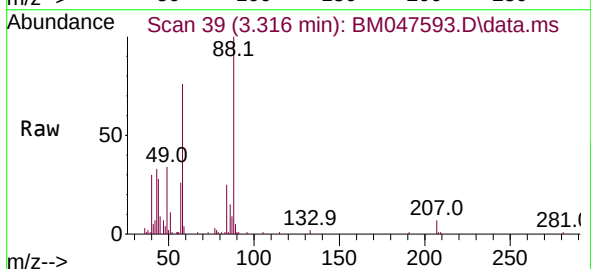
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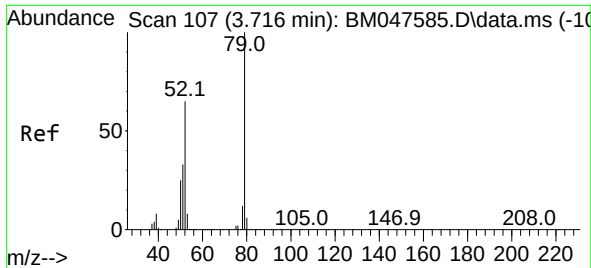
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#2
1,4-Dioxane
Concen: 3.418 ng
RT: 3.316 min Scan# 39
Delta R.T. -0.000 min
Lab File: BM047593.D
Acq: 20 Sep 2024 17:40

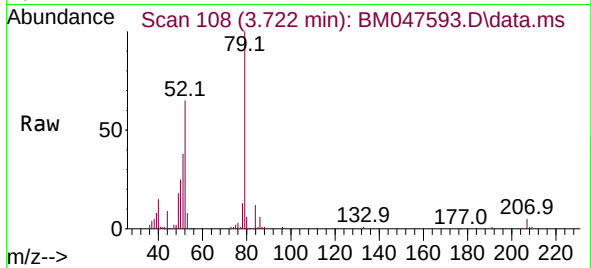
Tgt Ion: 88 Resp: 29311
Ion Ratio Lower Upper
88 100
58 72.5 58.0 87.0
43 32.6 23.1 34.7





#3
Pyridine
Concen: 2.739 ng
RT: 3.722 min Scan# 107
Delta R.T. 0.006 min
Lab File: BM047593.D
Acq: 20 Sep 2024 17:40

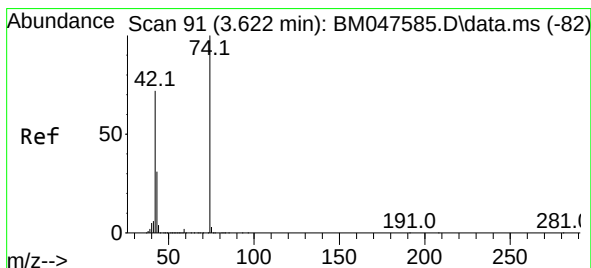
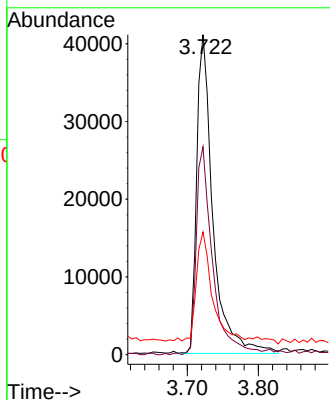
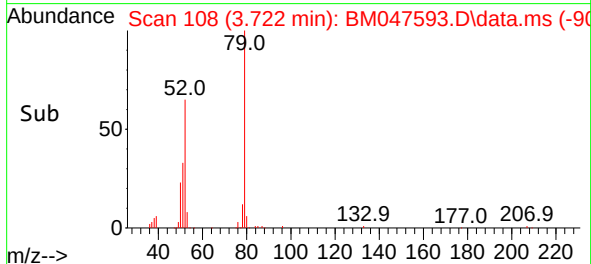
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2024



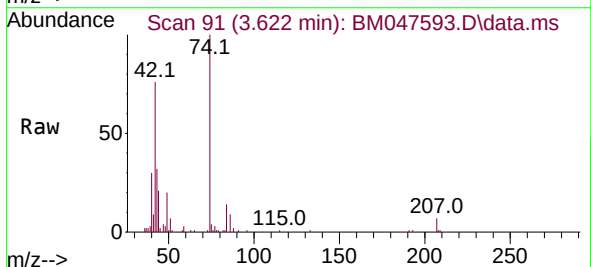
Tgt Ion: 79 Resp: 65110
Ion Ratio Lower Upper
79 100
52 64.9 52.2 78.2
51 38.3 26.5 39.7

Manual Integrations
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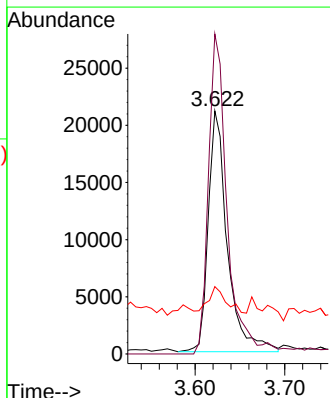
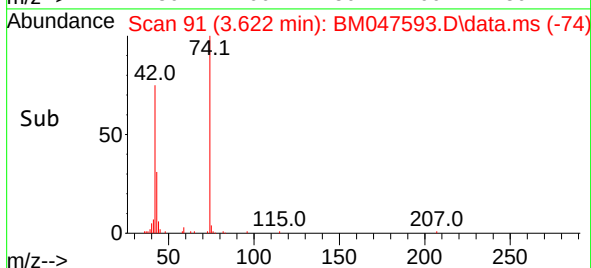
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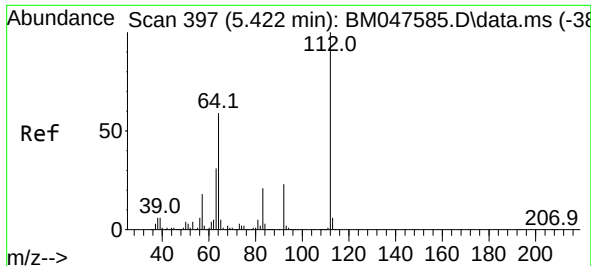


#4
n-Nitrosodimethylamine
Concen: 3.158 ng
RT: 3.622 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM047593.D
Acq: 20 Sep 2024 17:40



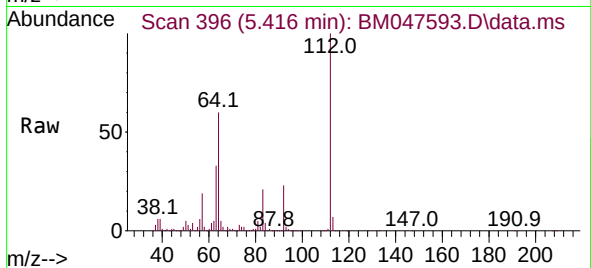
Tgt Ion: 42 Resp: 31128
Ion Ratio Lower Upper
42 100
74 131.6 110.8 166.2
44 27.7 6.1 9.1





#5
2-Fluorophenol
Concen: 102.476 ng
RT: 5.416 min Scan# 397
Delta R.T. -0.006 min
Lab File: BM047593.D
Acq: 20 Sep 2024 17:40

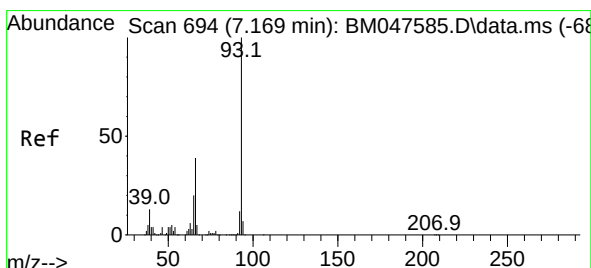
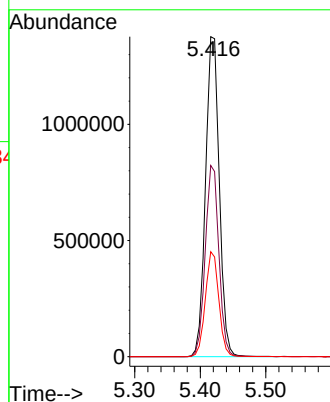
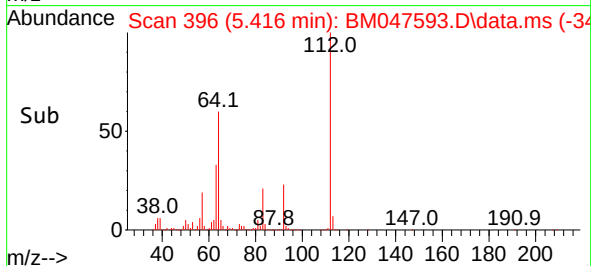
Instrument :
BNA_M
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Tgt Ion: 112 Resp: 2018089
Ion Ratio Lower Upper
112 100
64 59.8 46.8 70.2
63 32.8 25.2 37.8

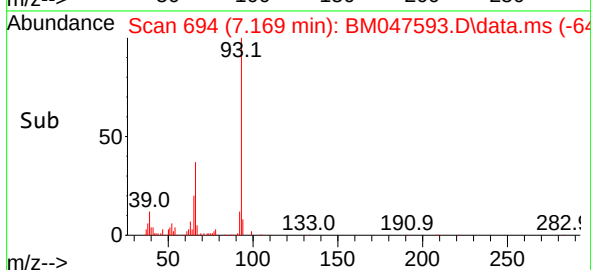
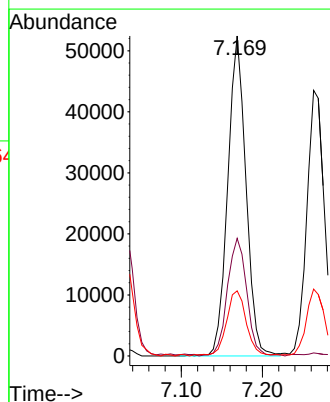
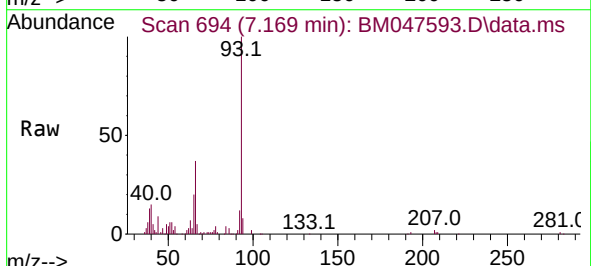
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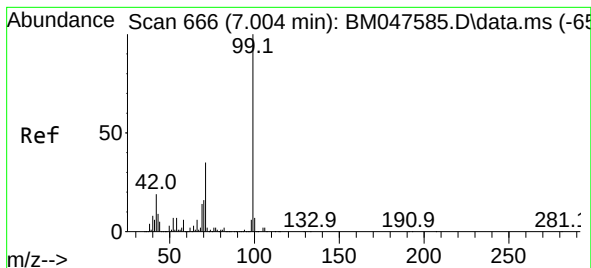
Reviewed By :Yogesh Patel 09/21/2024
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#6
Aniline
Concen: 3.679 ng
RT: 7.169 min Scan# 694
Delta R.T. -0.000 min
Lab File: BM047593.D
Acq: 20 Sep 2024 17:40

Tgt Ion: 93 Resp: 81793
Ion Ratio Lower Upper
93 100
66 36.7 31.4 47.0
65 20.4 16.2 24.2





#7

Phenol-d6

Concen: 100.548 ng

RT: 7.004 min Scan# 6

Delta R.T. -0.000 min

Lab File: BM047593.D

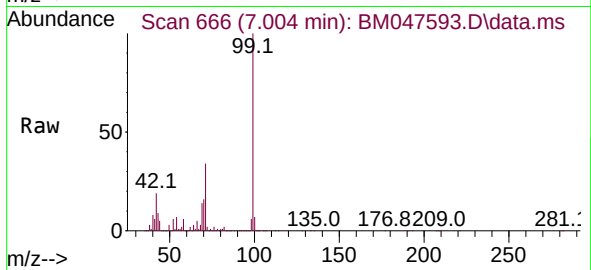
Acq: 20 Sep 2024 17:40

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2024



Tgt Ion: 99 Resp: 260907

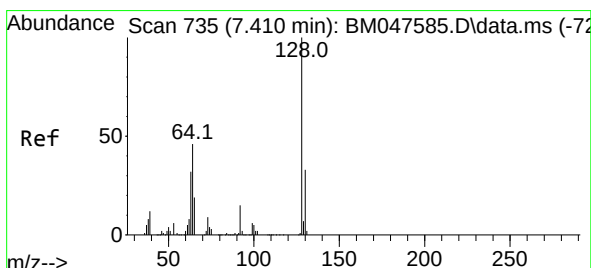
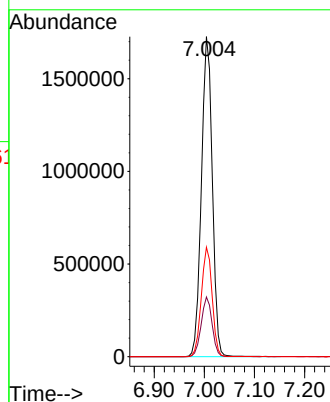
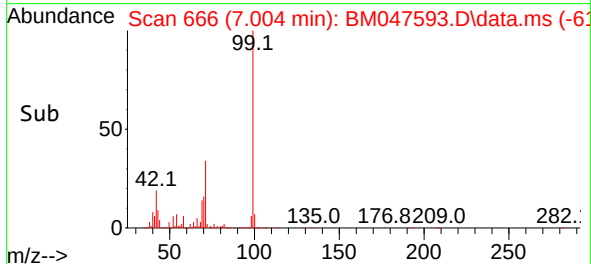
Ion	Ratio	Lower	Upper
99	100		
42	18.7	15.3	22.9
71	34.2	27.8	41.6

Manual Integrations

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Supervised By :mohammad ahmed 09/24/2024



#8

2-Chlorophenol

Concen: 3.179 ng

RT: 7.410 min Scan# 735

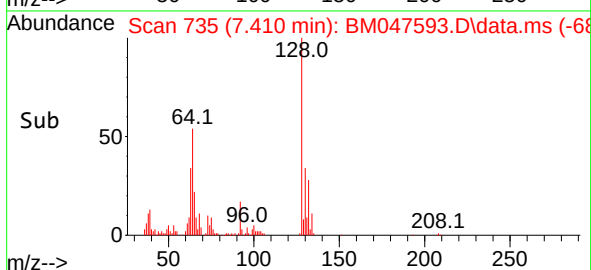
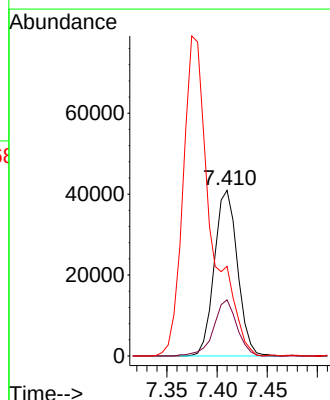
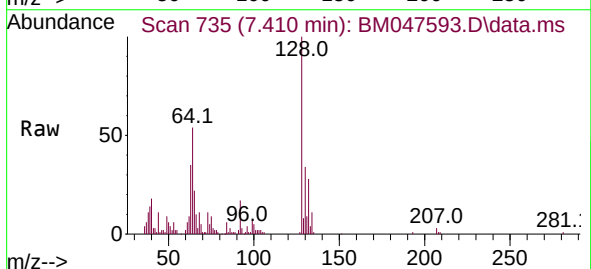
Delta R.T. -0.000 min

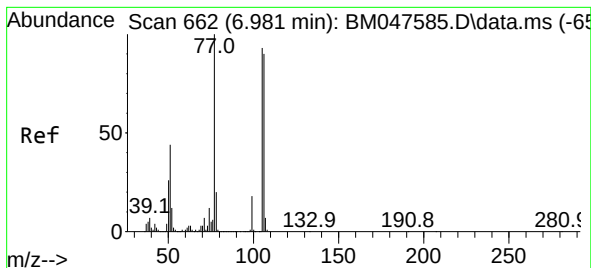
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Acq: 20 Sep 2024 17:40

Tgt Ion:128 Resp: 65549

Ion	Ratio	Lower	Upper
128	100		
130	33.9	12.6	52.6
64	54.1	27.6	67.6





#9

Benzaldehyde

Concen: 5.010 ng m

RT: 6.981 min Scan# 6

Delta R.T. -0.000 min

Lab File: BM047593.D

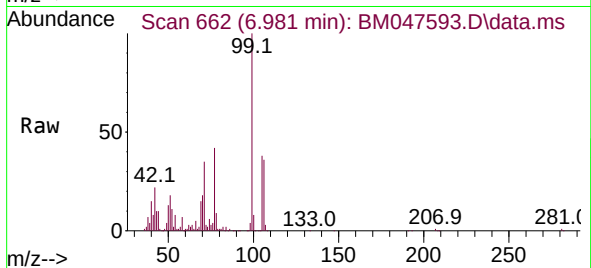
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Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2024



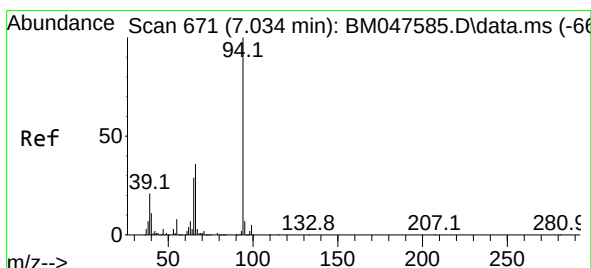
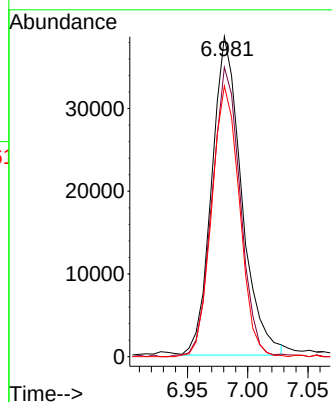
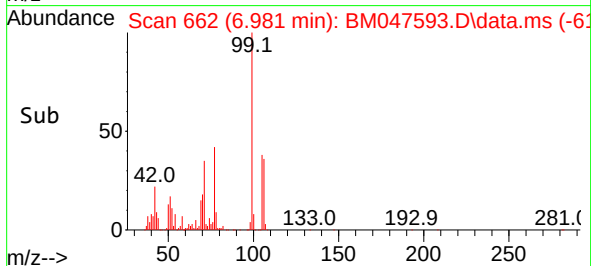
Tgt Ion: 77	Resp: 6634
Ion Ratio	Lower Upper
77 100	
105 90.5	73.0 113.0
106 84.6	70.3 110.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/24/2024



#10

Phenol

Concen: 3.182 ng

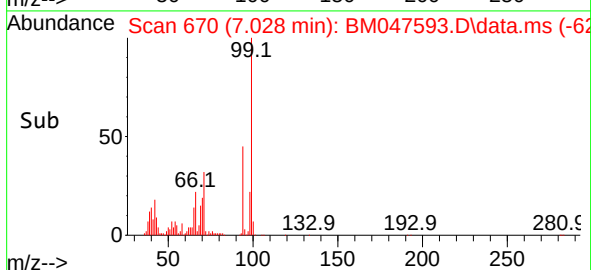
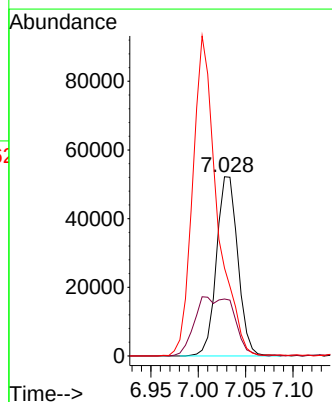
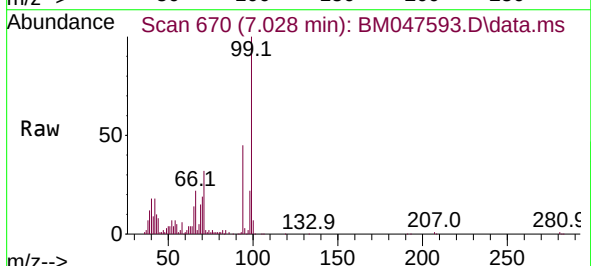
RT: 7.028 min Scan# 670

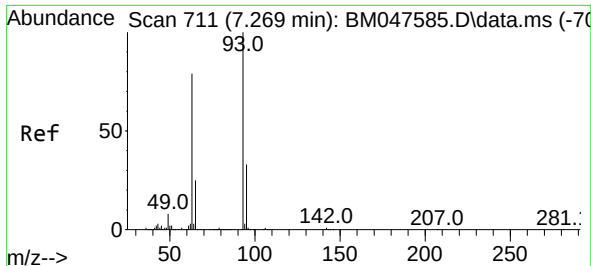
Delta R.T. -0.006 min

Lab File: BM047593.D

Acq: 20 Sep 2024 17:40

Tgt Ion: 94	Resp: 81980
Ion Ratio	Lower Upper
94 100	
65 31.8	9.1 49.1
66 49.0	16.5 56.5





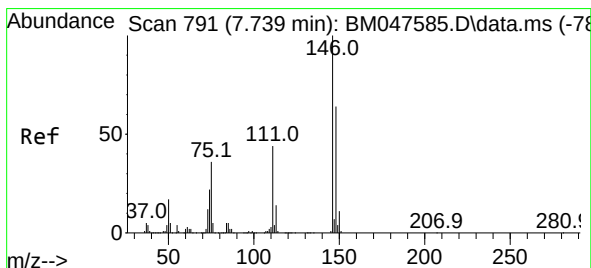
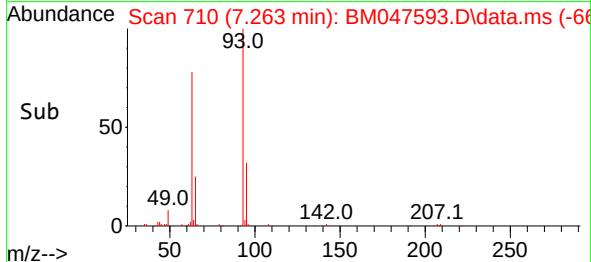
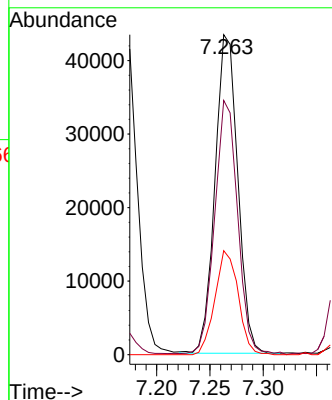
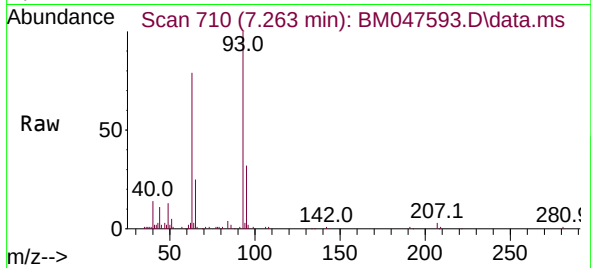
#11
bis(2-Chloroethyl)ether
Concen: 3.103 ng
RT: 7.263 min Scan# 711
Delta R.T. -0.006 min
Lab File: BM047593.D
Acq: 20 Sep 2024 17:40

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

Tgt Ion: 93 Resp: 64254
Ion Ratio Lower Upper
93 100
63 79.4 58.5 98.5
95 32.5 12.9 52.9

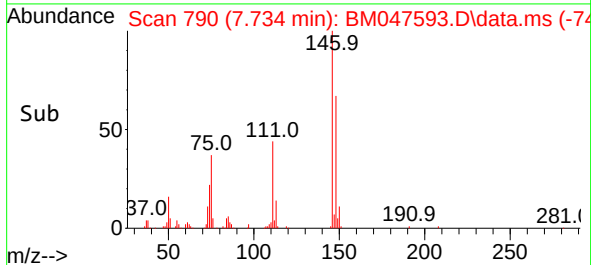
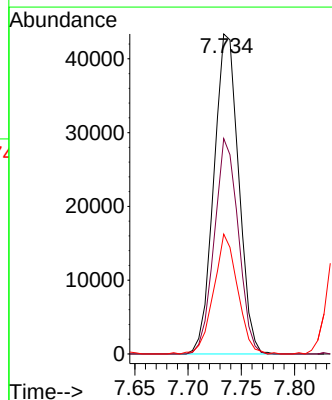
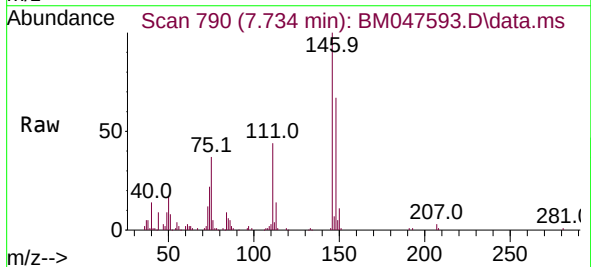
Manual Integrations
APPROVED

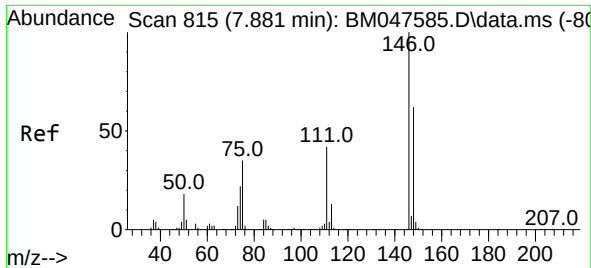
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/24/2024



#12
1,3-Dichlorobenzene
Concen: 3.078 ng
RT: 7.734 min Scan# 790
Delta R.T. -0.006 min
Lab File: BM047593.D
Acq: 20 Sep 2024 17:40

Tgt Ion:146 Resp: 70167
Ion Ratio Lower Upper
146 100
148 67.3 51.4 77.2
75 37.5 28.4 42.6





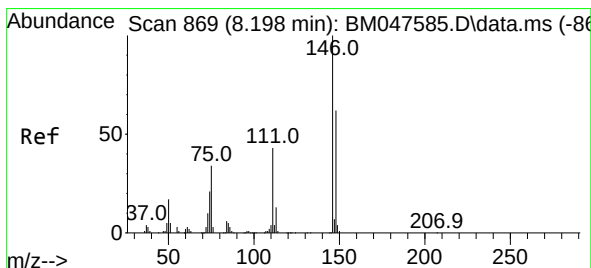
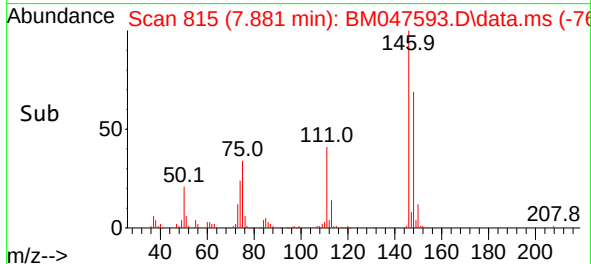
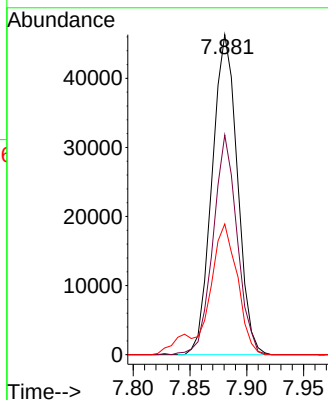
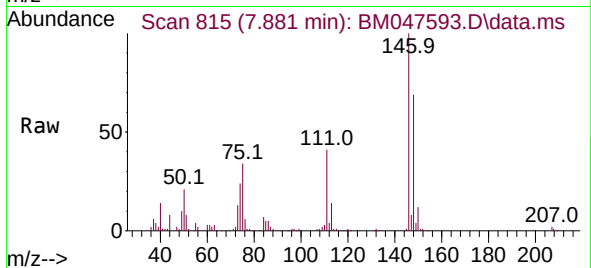
#13
1,4-Dichlorobenzene
Concen: 3.116 ng
RT: 7.881 min Scan# 815
Delta R.T. -0.000 min
Lab File: BM047593.D
Acq: 20 Sep 2024 17:40

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

Tgt Ion:146 Resp: 7188
Ion Ratio Lower Upper
146 100
148 68.7 49.8 74.6
111 40.8 33.3 49.9

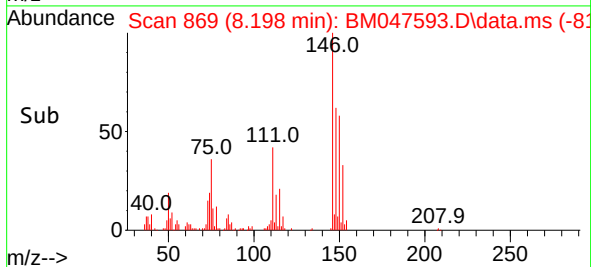
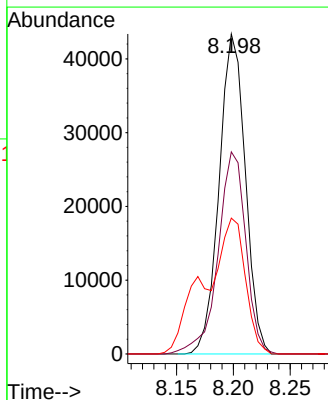
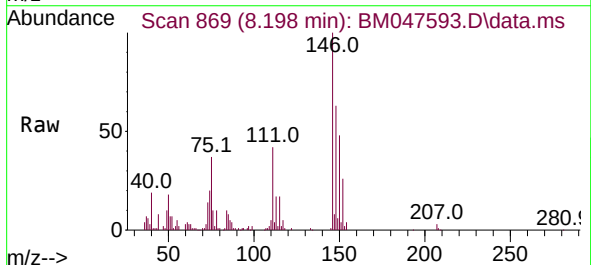
Manual Integrations
APPROVED

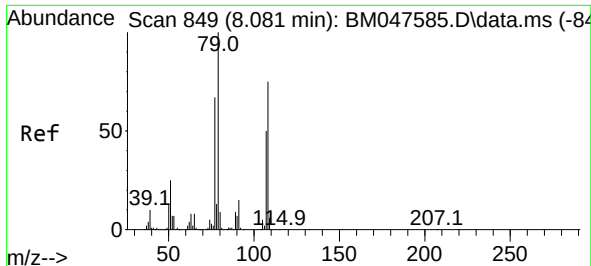
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/24/2024



#14
1,2-Dichlorobenzene
Concen: 3.125 ng
RT: 8.198 min Scan# 869
Delta R.T. -0.000 min
Lab File: BM047593.D
Acq: 20 Sep 2024 17:40

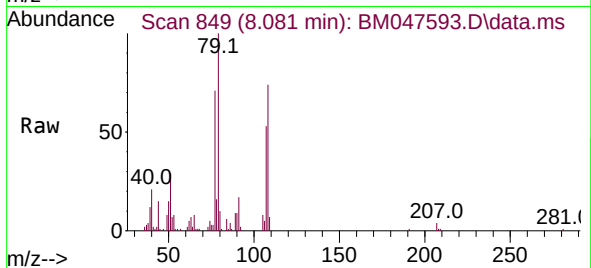
Tgt Ion:146 Resp: 69496
Ion Ratio Lower Upper
146 100
148 63.2 49.7 74.5
111 42.4 34.8 52.2





#15
Benzyl Alcohol
Concen: 2.984 ng
RT: 8.081 min Scan# 849
Delta R.T. -0.000 min
Lab File: BM047593.D
Acq: 20 Sep 2024 17:40

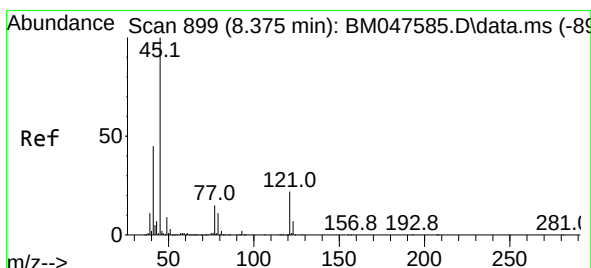
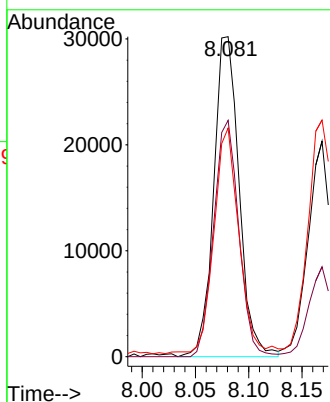
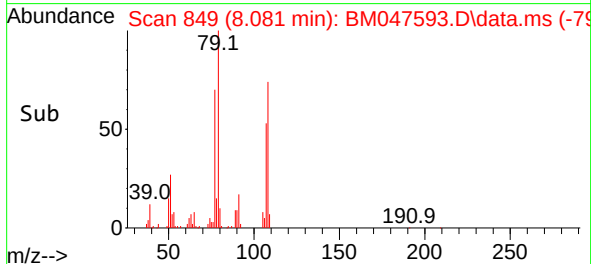
Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT2-2024



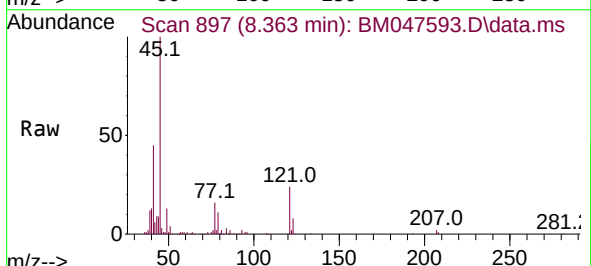
Tgt Ion: 79 Resp: 49960
Ion Ratio Lower Upper
79 100
108 73.9 60.2 90.2
77 71.5 53.9 80.9

Manual Integrations
APPROVED

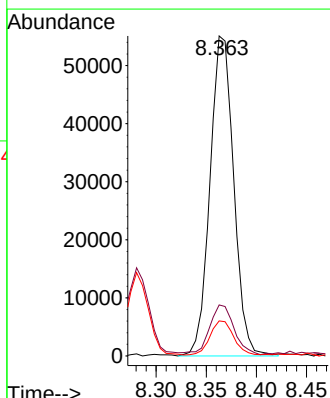
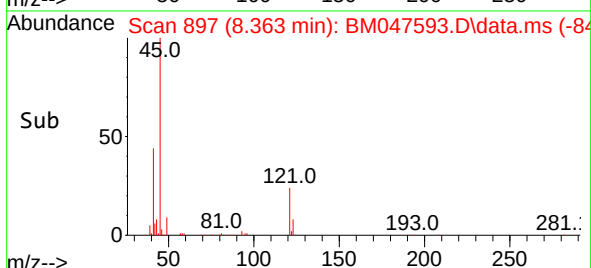
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/24/2024

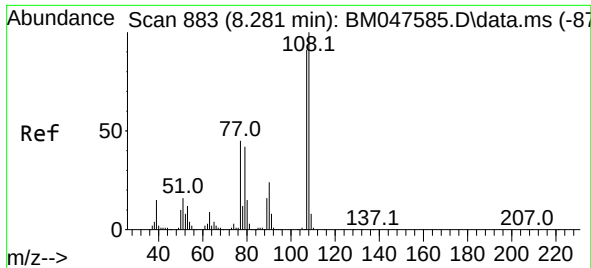


#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.444 ng
RT: 8.363 min Scan# 897
Delta R.T. -0.012 min
Lab File: BM047593.D
Acq: 20 Sep 2024 17:40



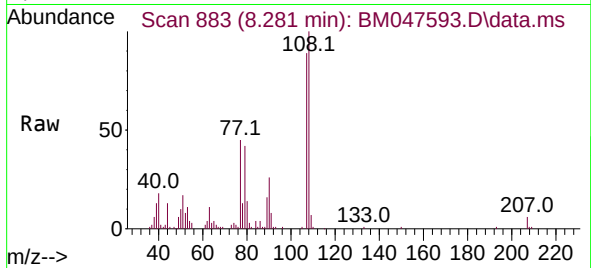
Tgt Ion: 45 Resp: 90920
Ion Ratio Lower Upper
45 100
77 16.0 0.0 35.5
79 11.0 0.0 31.6





#17
2-Methylphenol
Concen: 2.834 ng
RT: 8.281 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM047593.D
Acq: 20 Sep 2024 17:40

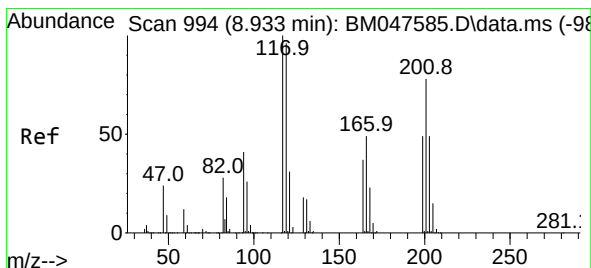
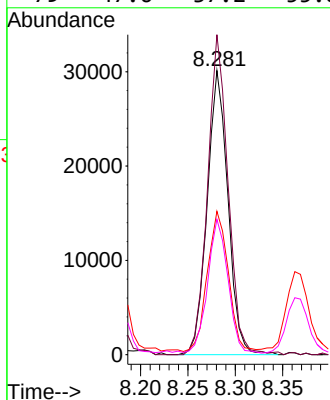
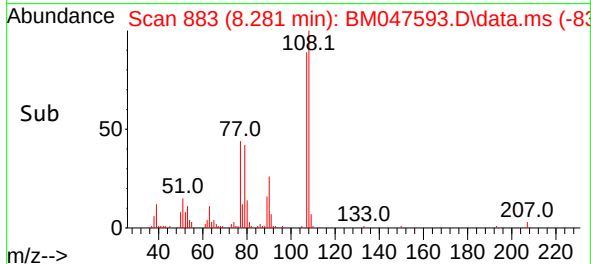
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2024



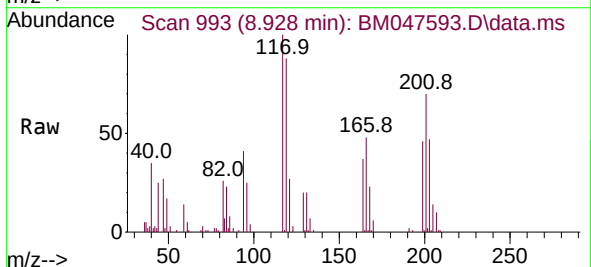
Tgt Ion:	107	Resp:	45900
Ion	Ratio	Lower	Upper
107	100		
108	112.6	87.8	131.6
77	50.4	39.6	59.4
79	47.6	37.2	55.8

Manual Integrations
APPROVED

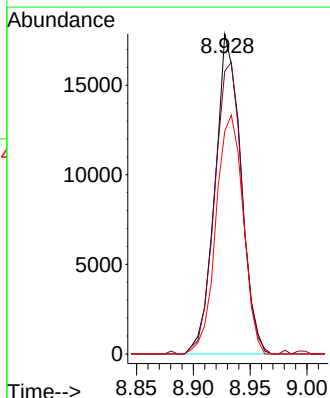
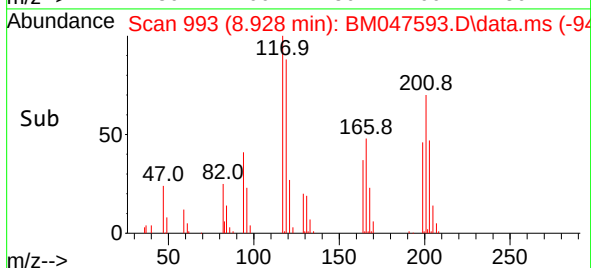
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/24/2024

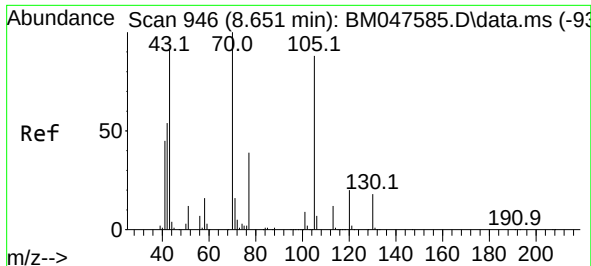


#18
Hexachloroethane
Concen: 3.035 ng
RT: 8.928 min Scan# 993
Delta R.T. -0.006 min
Lab File: BM047593.D
Acq: 20 Sep 2024 17:40



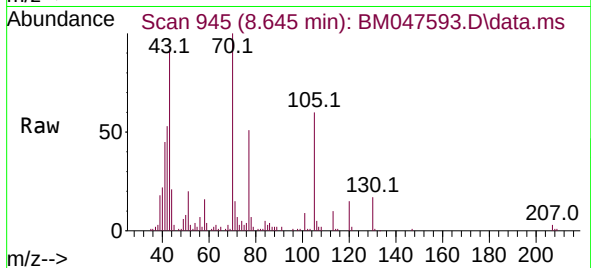
Tgt Ion:	117	Resp:	28396
Ion	Ratio	Lower	Upper
117	100		
119	88.4	77.2	115.8
201	71.9	62.3	93.5





#19
n-Nitroso-di-n-propylamine
Concen: 2.826 ng
RT: 8.645 min Scan# 946
Delta R.T. -0.006 min
Lab File: BM047593.D
Acq: 20 Sep 2024 17:40

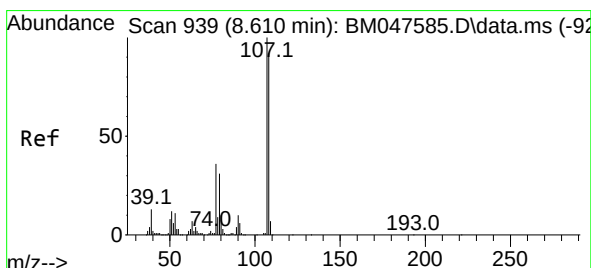
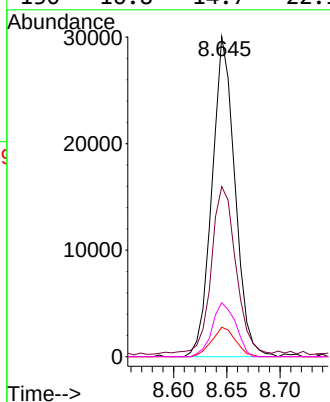
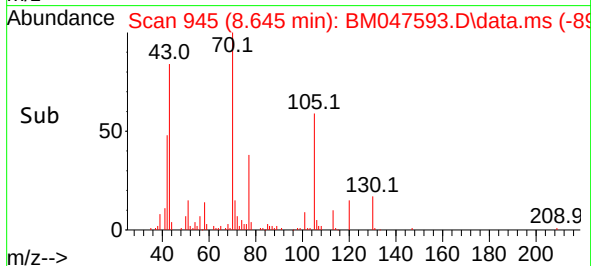
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2024



Tgt Ion: 70 Resp: 44919
Ion Ratio Lower Upper
70 100
42 53.1 44.2 66.2
101 9.2 7.0 10.4
130 16.8 14.7 22.1

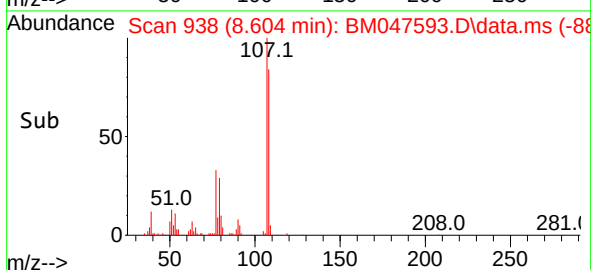
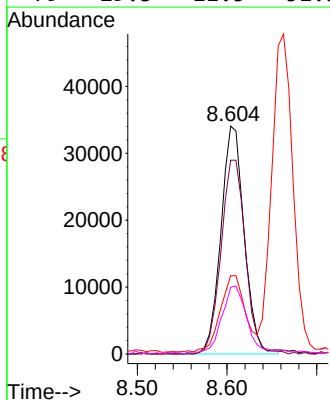
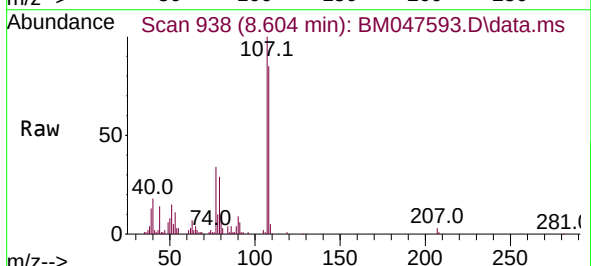
Manual Integrations
APPROVED

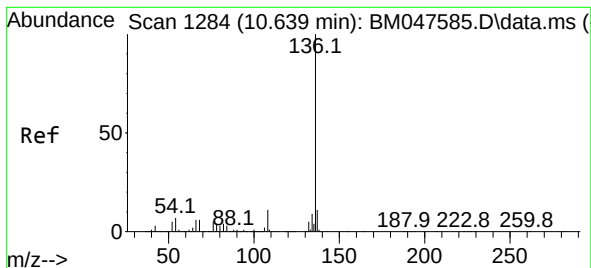
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/24/2024



#20
3+4-Methylphenols
Concen: 2.787 ng
RT: 8.604 min Scan# 938
Delta R.T. -0.006 min
Lab File: BM047593.D
Acq: 20 Sep 2024 17:40

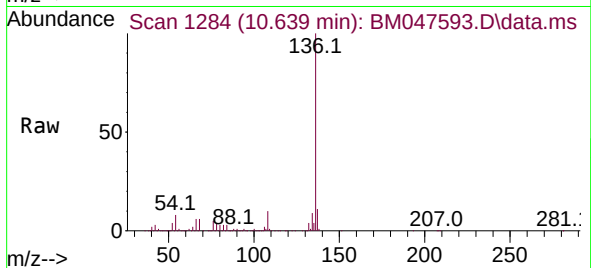
Tgt Ion:107 Resp: 61478
Ion Ratio Lower Upper
107 100
108 85.0 71.8 111.8
77 34.4 16.1 56.1
79 29.3 11.5 51.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.639 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM047593.D
Acq: 20 Sep 2024 17:40

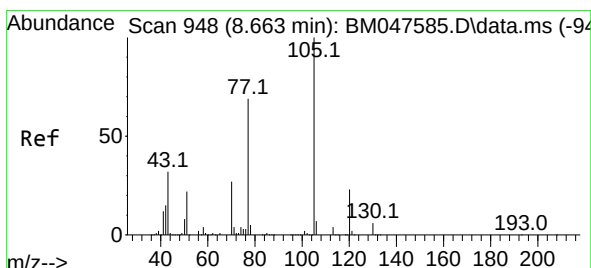
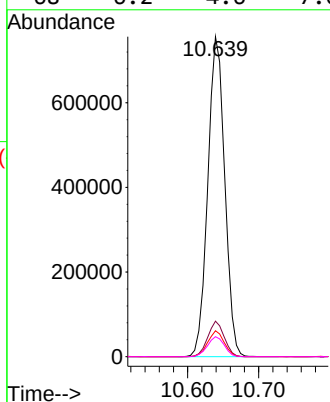
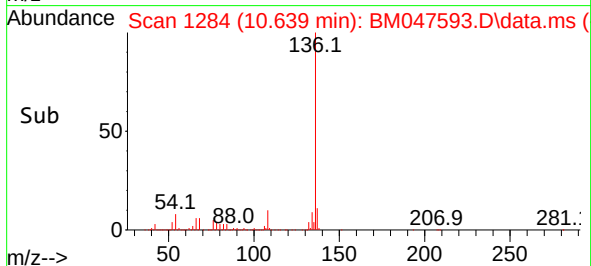
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2024



Tgt Ion:136 Resp: 1251619
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 8.1 6.0 9.0
68 6.2 4.6 7.0

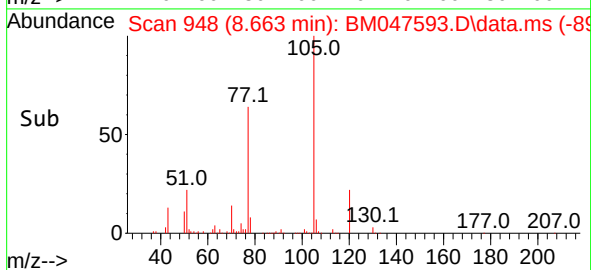
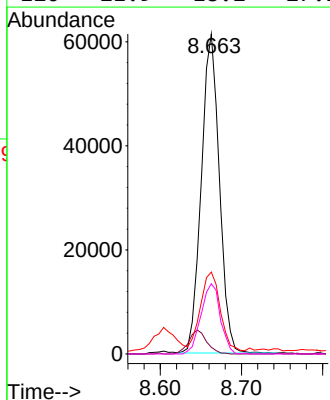
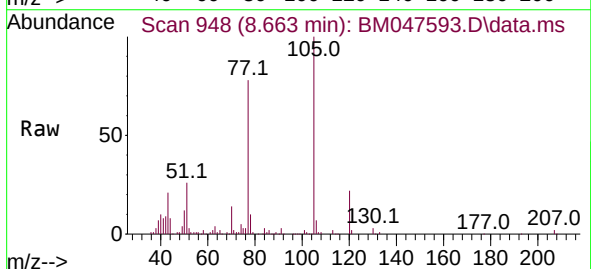
Manual Integrations
APPROVED

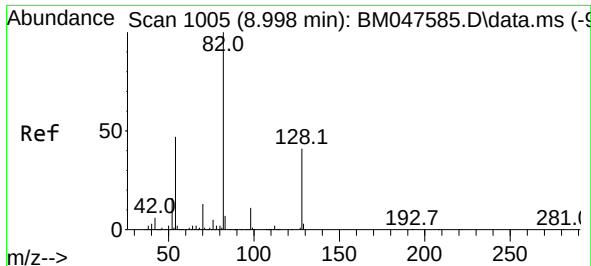
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/24/2024



#22
Acetophenone
Concen: 2.899 ng
RT: 8.663 min Scan# 948
Delta R.T. -0.000 min
Lab File: BM047593.D
Acq: 20 Sep 2024 17:40

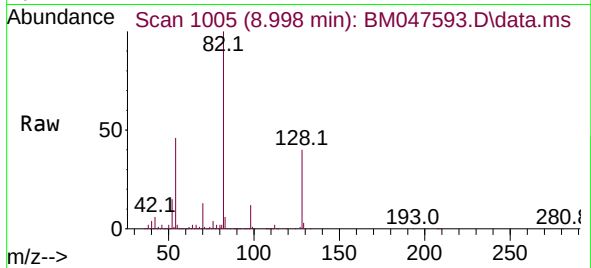
Tgt Ion:105 Resp: 94535
Ion Ratio Lower Upper
105 100
71 2.1 3.4 5.2#
51 25.6 21.4 32.2
120 21.9 18.2 27.2





#23
Nitrobenzene-d5
Concen: 65.729 ng
RT: 8.998 min Scan# 1005
Delta R.T. -0.000 min
Lab File: BM047593.D
Acq: 20 Sep 2024 17:40

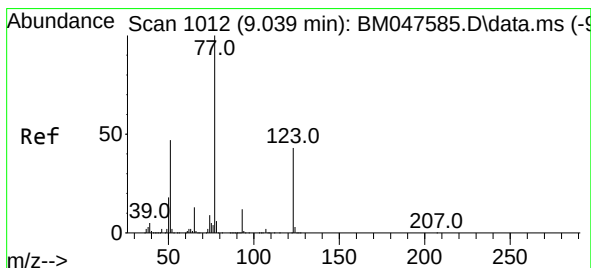
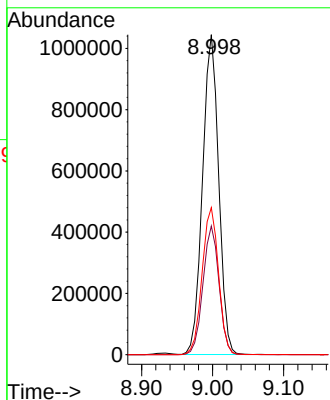
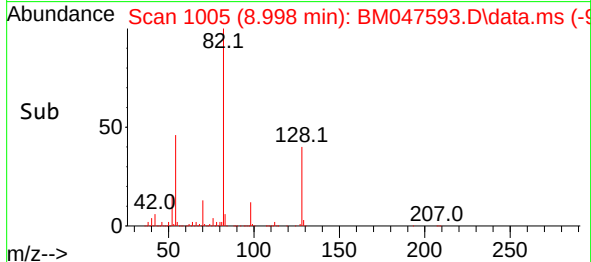
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2024



Tgt Ion: 82 Resp: 165260
Ion Ratio Lower Upper
82 100
128 40.2 32.5 48.7
54 45.9 37.5 56.3

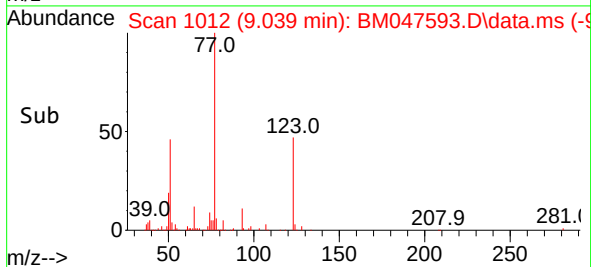
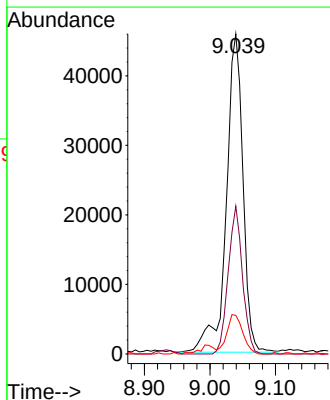
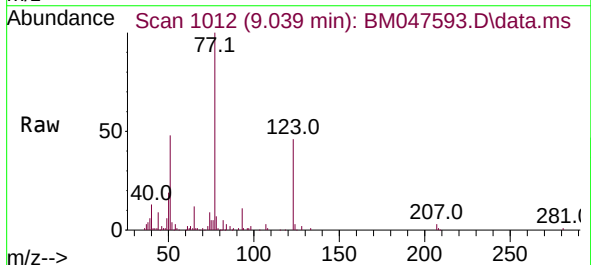
Manual Integrations
APPROVED

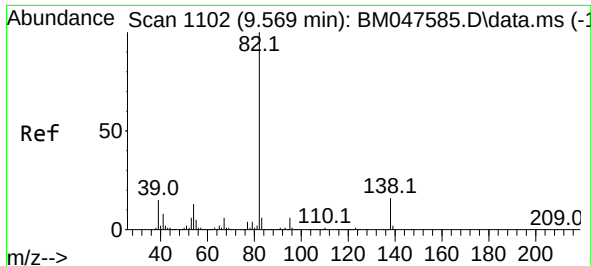
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/24/2024



#24
Nitrobenzene
Concen: 3.118 ng
RT: 9.039 min Scan# 1012
Delta R.T. -0.000 min
Lab File: BM047593.D
Acq: 20 Sep 2024 17:40

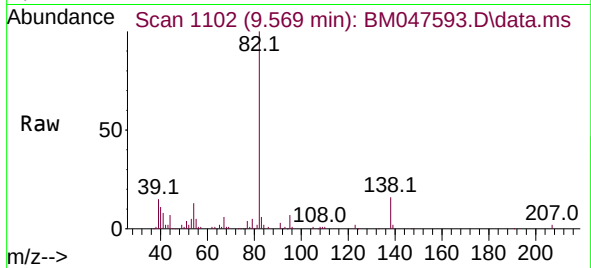
Tgt Ion: 77 Resp: 80962
Ion Ratio Lower Upper
77 100
123 46.2 34.1 51.1
65 12.1 10.7 16.1





#25
Isophorone
Concen: 2.687 ng
RT: 9.569 min Scan# 1102
Delta R.T. -0.000 min
Lab File: BM047593.D
Acq: 20 Sep 2024 17:40

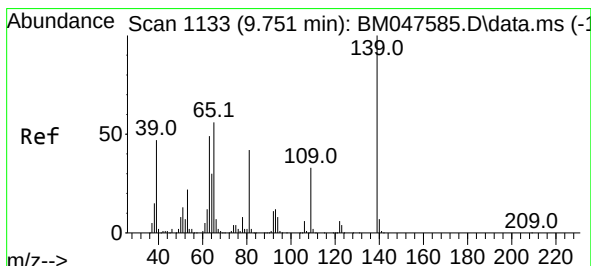
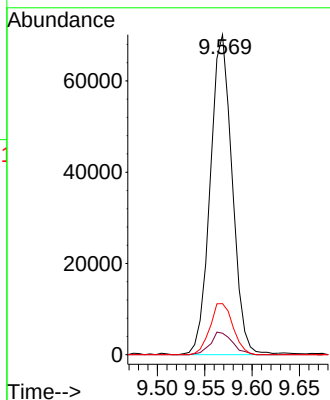
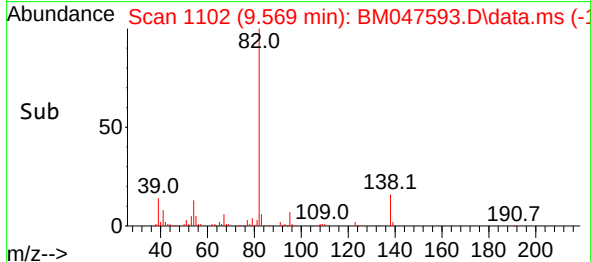
Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT2-2024



Tgt Ion: 82 Resp: 112900
Ion Ratio Lower Upper
82 100
95 6.7 5.0 7.6
138 15.9 12.9 19.3

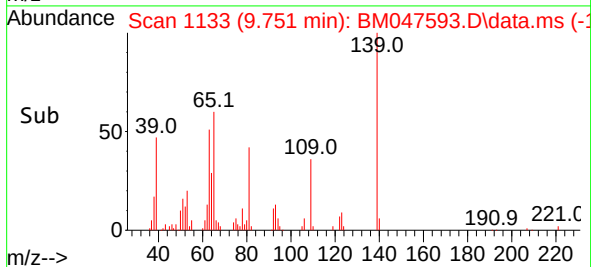
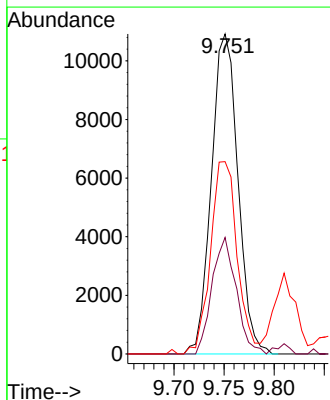
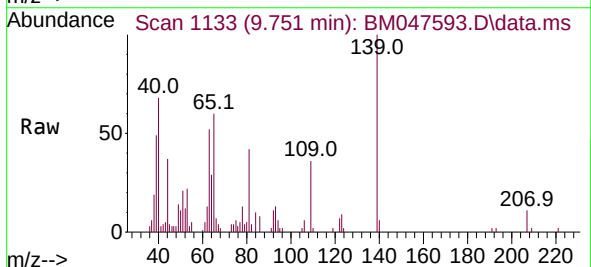
Manual Integrations
APPROVED

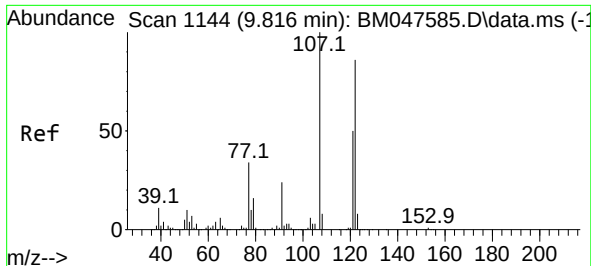
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/24/2024



#26
2-Nitrophenol
Concen: 2.200 ng
RT: 9.751 min Scan# 1133
Delta R.T. -0.000 min
Lab File: BM047593.D
Acq: 20 Sep 2024 17:40

Tgt Ion:139 Resp: 20091
Ion Ratio Lower Upper
139 100
109 36.4 26.1 39.1
65 60.1 44.7 67.1





#27

2,4-Dimethylphenol

Concen: 2.777 ng

RT: 9.810 min Scan# 1144

Delta R.T. -0.006 min

Lab File: BM047593.D

Acq: 20 Sep 2024 17:40

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2024

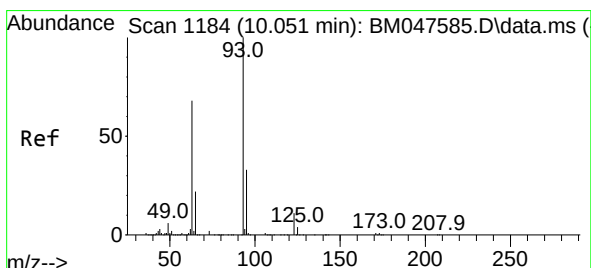
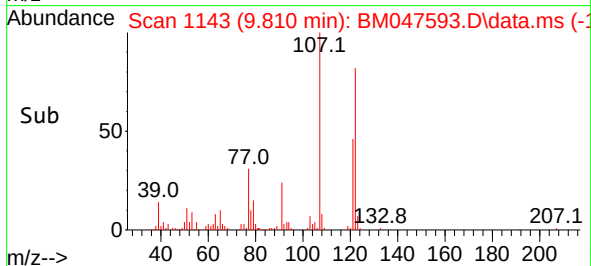
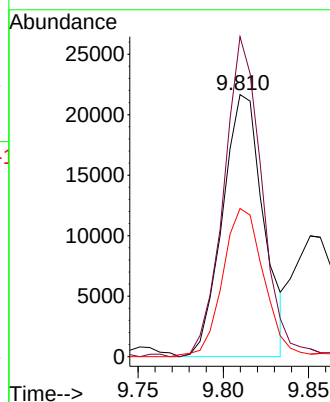
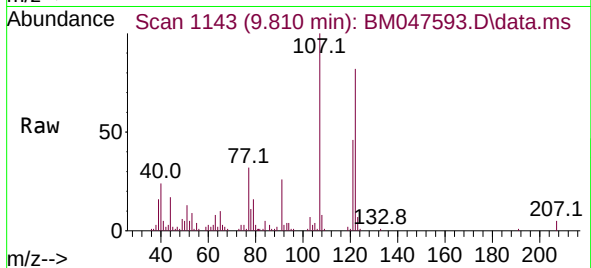
Tgt Ion:122 Resp: 3614
 Ion Ratio Lower Upper
 122 100
 107 122.1 92.2 138.2
 121 56.5 45.8 68.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/24/2024



#28

bis(2-Chloroethoxy)methane

Concen: 2.859 ng

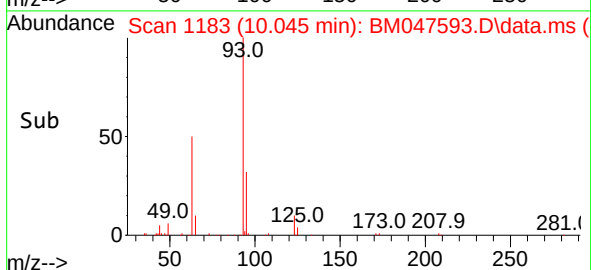
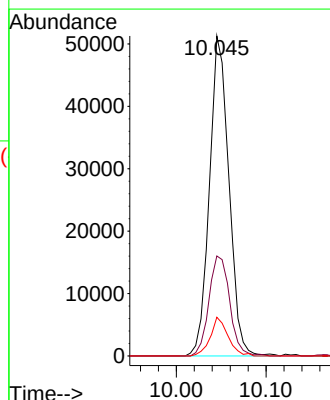
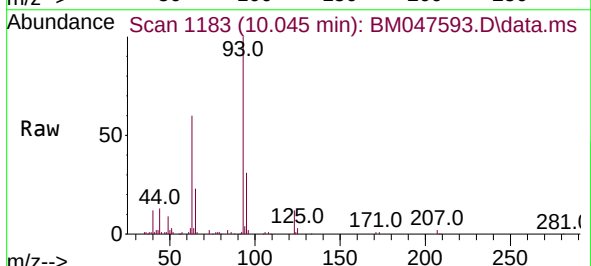
RT: 10.045 min Scan# 1183

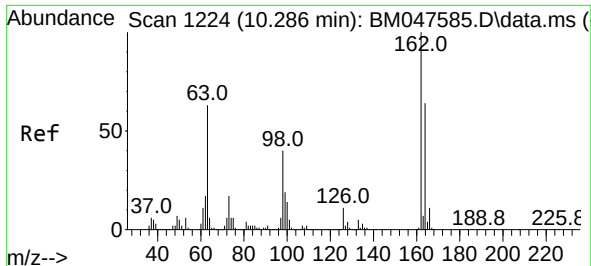
Delta R.T. -0.006 min

Lab File: BM047593.D

Acq: 20 Sep 2024 17:40

Tgt Ion: 93 Resp: 77278
 Ion Ratio Lower Upper
 93 100
 95 31.3 26.2 39.4
 123 12.1 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 2.508 ng

RT: 10.286 min Scan# 1224

Delta R.T. -0.000 min

Lab File: BM047593.D

Acq: 20 Sep 2024 17:40

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2024

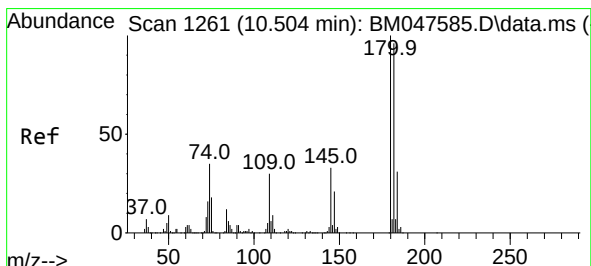
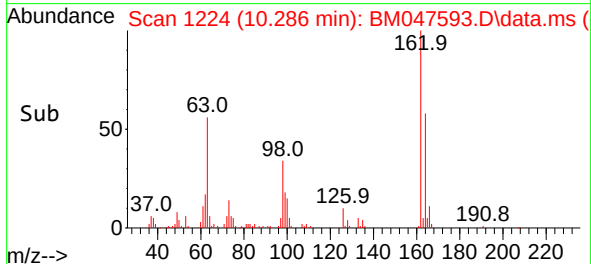
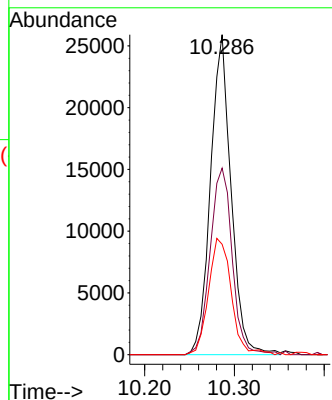
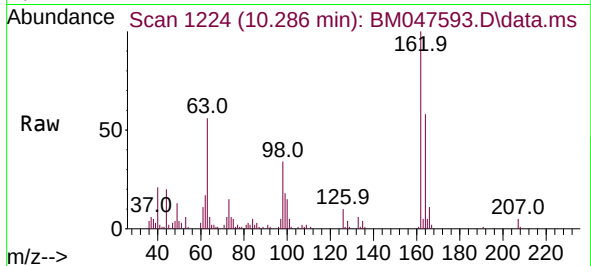
Tgt Ion:162	Resp:	41260
Ion Ratio	Lower	Upper
162	100	
164	58.3	43.9 83.9
98	34.5	20.3 60.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/24/2024



#30

1,2,4-Trichlorobenzene

Concen: 2.823 ng

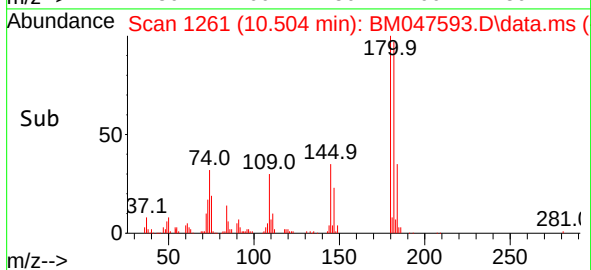
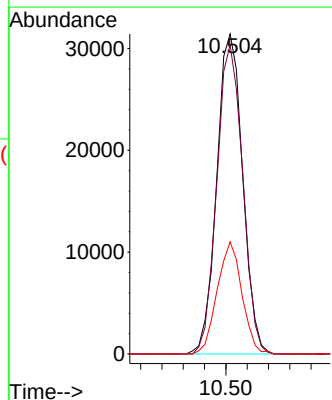
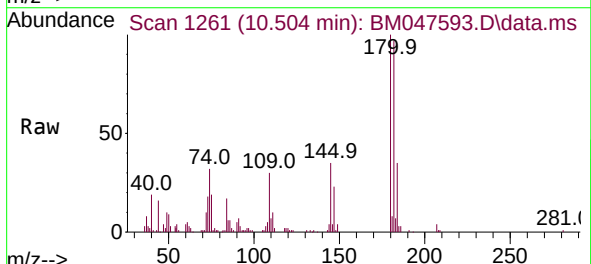
RT: 10.504 min Scan# 1261

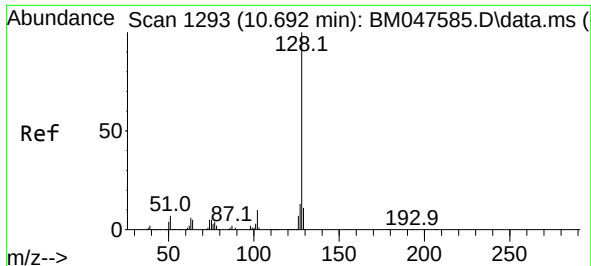
Delta R.T. -0.000 min

Lab File: BM047593.D

Acq: 20 Sep 2024 17:40

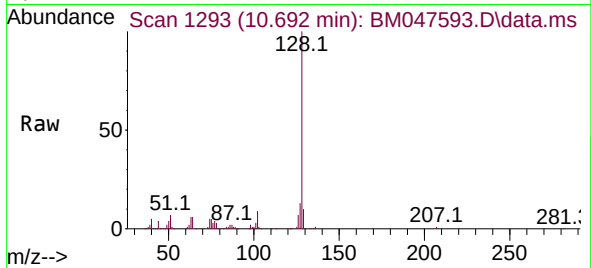
Tgt Ion:180	Resp:	52948
Ion Ratio	Lower	Upper
180	100	
182	96.6	76.6 115.0
145	35.0	26.2 39.2





#31
Naphthalene
Concen: 2.841 ng
RT: 10.692 min Scan# 1150
Delta R.T. -0.000 min
Lab File: BM047593.D
Acq: 20 Sep 2024 17:40

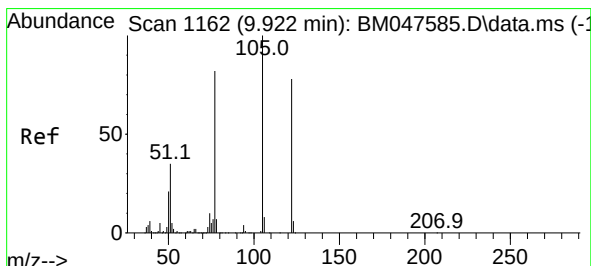
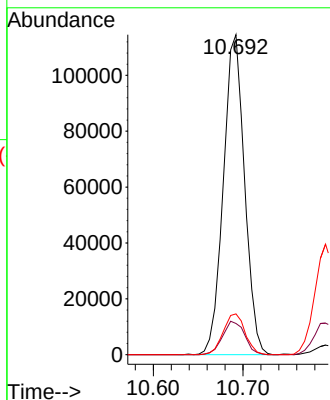
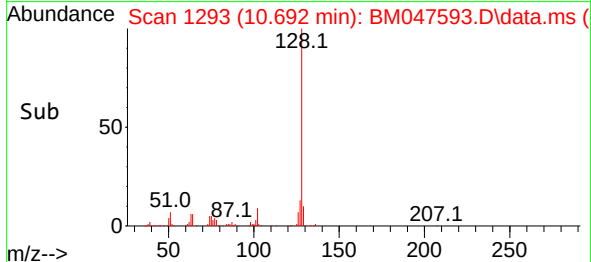
Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT2-2024



Tgt Ion:128 Resp: 188100
Ion Ratio Lower Upper
128 100
129 9.7 8.8 13.2
127 12.7 10.3 15.5

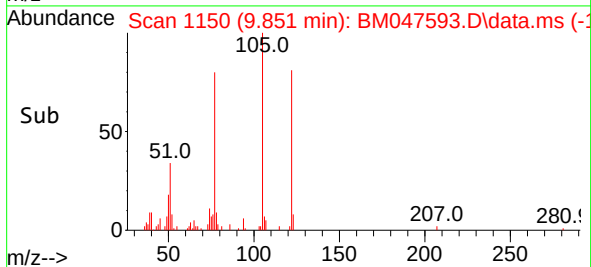
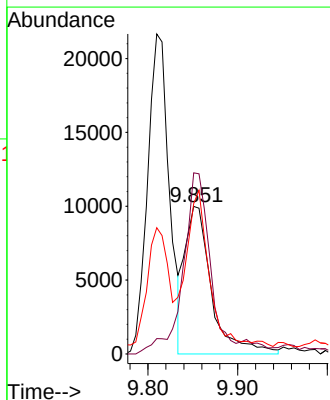
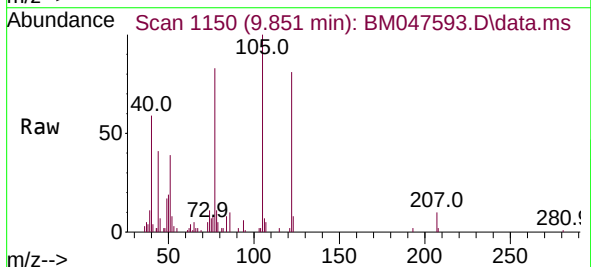
Manual Integrations
APPROVED

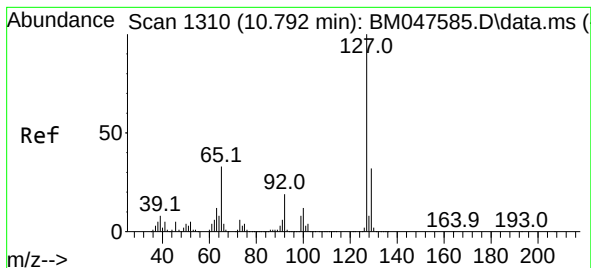
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/24/2024



#32
Benzoic acid
Concen: 1.709 ng
RT: 9.851 min Scan# 1150
Delta R.T. -0.071 min
Lab File: BM047593.D
Acq: 20 Sep 2024 17:40

Tgt Ion:122 Resp: 20739
Ion Ratio Lower Upper
122 100
105 122.8 103.1 143.1
77 102.0 82.4 122.4





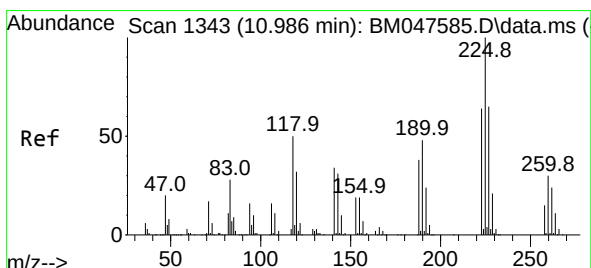
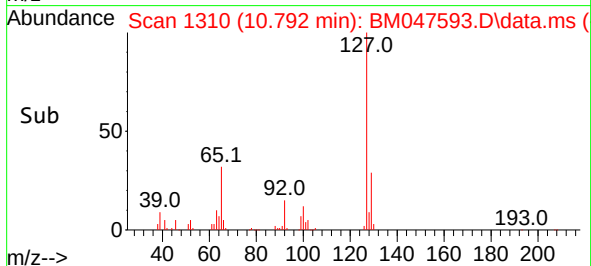
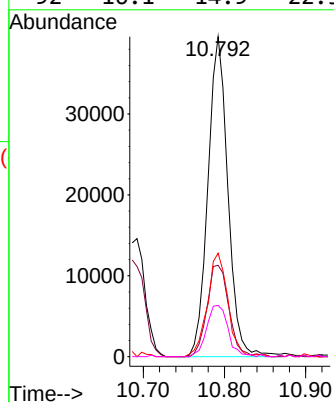
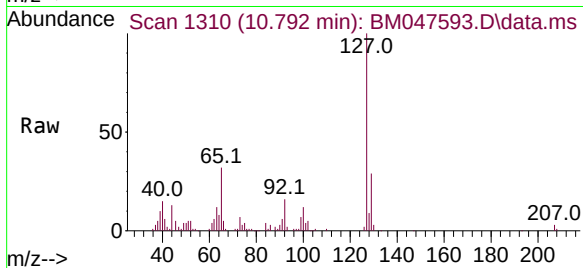
#33
4-Chloroaniline
Concen: 2.894 ng
RT: 10.792 min Scan# 1310
Delta R.T. -0.000 min
Lab File: BM047593.D
Acq: 20 Sep 2024 17:40

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

Tgt Ion	Ratio	Lower	Upper
127	100		
129	28.6	25.6	38.4
65	32.4	26.1	39.1
92	16.1	14.9	22.3

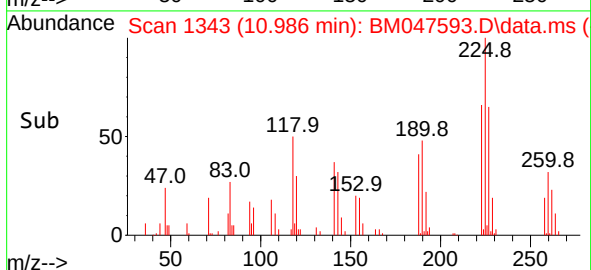
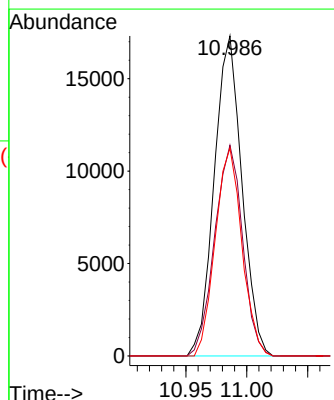
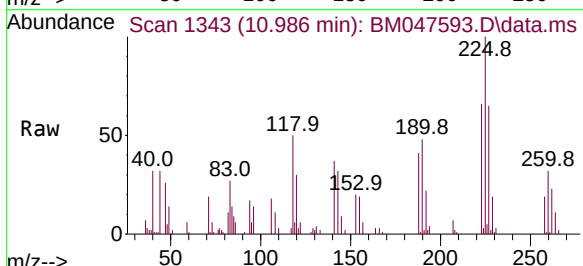
Manual Integrations
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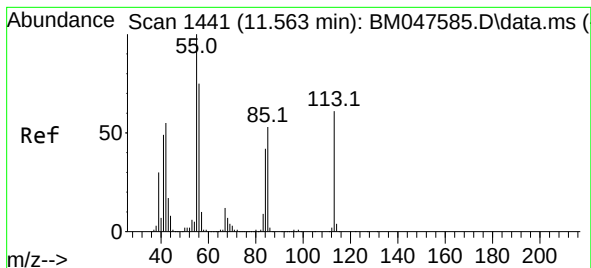
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/24/2024



#34
Hexachlorobutadiene
Concen: 2.686 ng
RT: 10.986 min Scan# 1343
Delta R.T. -0.000 min
Lab File: BM047593.D
Acq: 20 Sep 2024 17:40

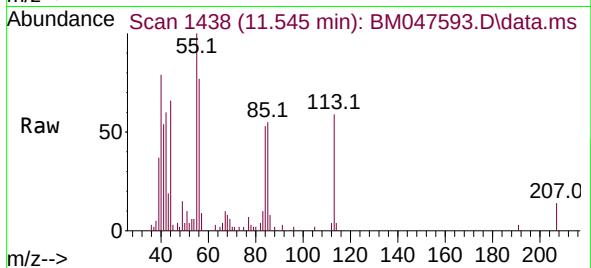
Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.9	51.4	77.0
227	65.0	52.1	78.1





#35
Caprolactam
Concen: 2.050 ng m
RT: 11.545 min Scan# 1441
Delta R.T. -0.018 min
Lab File: BM047593.D
Acq: 20 Sep 2024 17:40

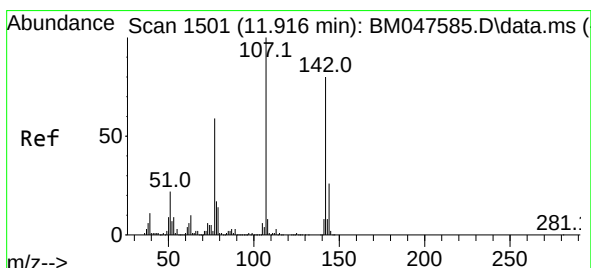
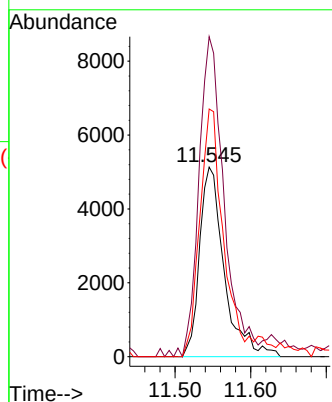
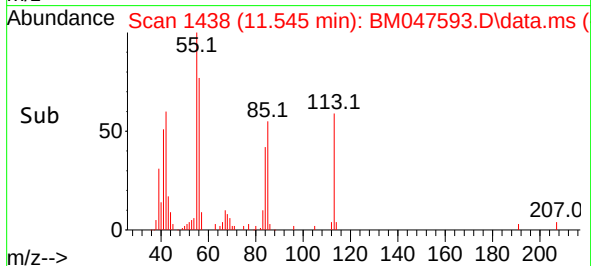
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2024



Tgt Ion:113 Resp: 1166
Ion Ratio Lower Upper
113 100
55 168.7 145.5 185.5
56 130.6 103.9 143.9

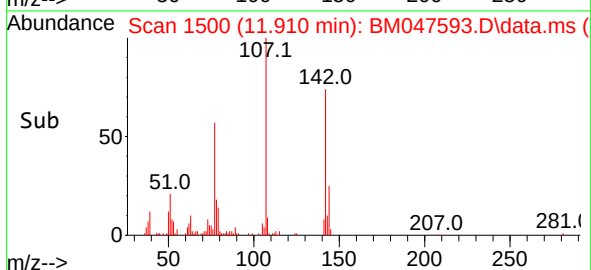
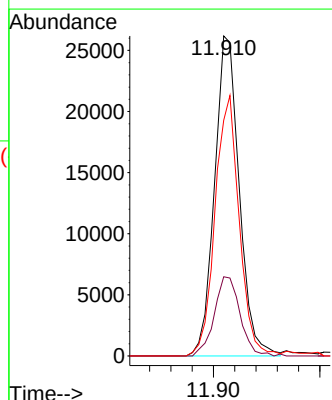
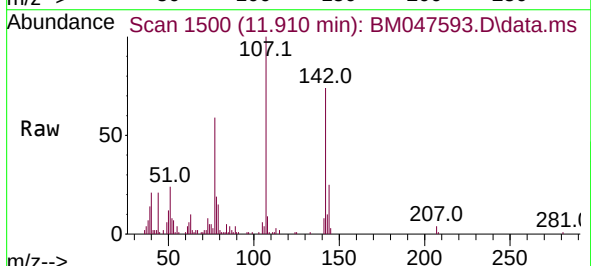
Manual Integrations
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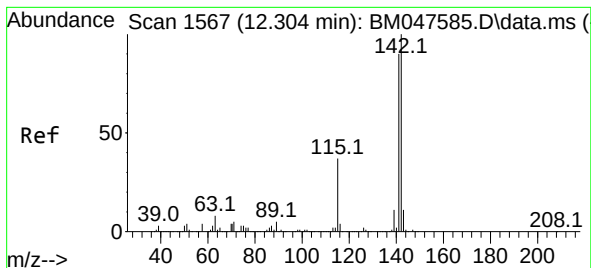
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/24/2024



#36
4-Chloro-3-methylphenol
Concen: 2.246 ng
RT: 11.910 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BM047593.D
Acq: 20 Sep 2024 17:40

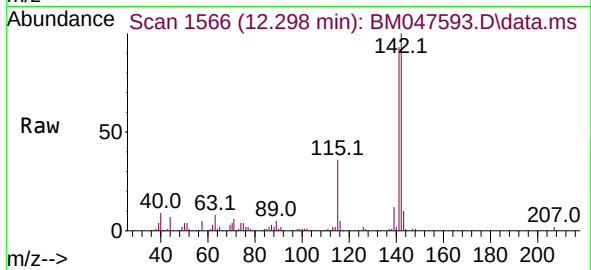
Tgt Ion:107 Resp: 42165
Ion Ratio Lower Upper
107 100
144 24.7 20.7 31.1
142 73.6 63.9 95.9





#37
2-Methylnaphthalene
Concen: 2.663 ng
RT: 12.298 min Scan# 11079
Delta R.T. -0.006 min
Lab File: BM047593.D
Acq: 20 Sep 2024 17:40

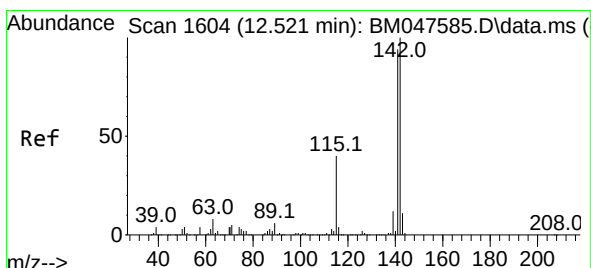
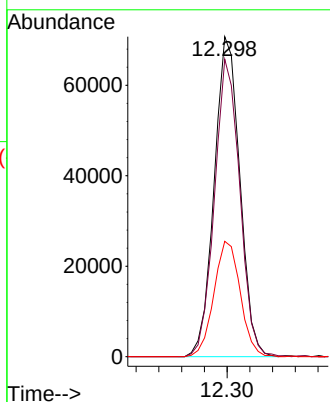
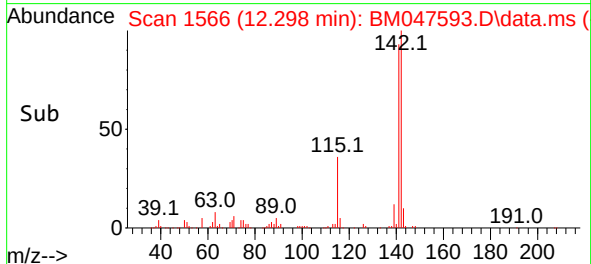
Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT2-2024



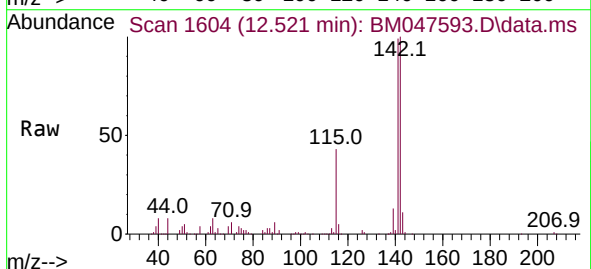
Tgt Ion:142 Resp: 11079
Ion Ratio Lower Upper
142 100
141 93.0 71.7 107.5
115 36.0 29.5 44.3

Manual Integrations
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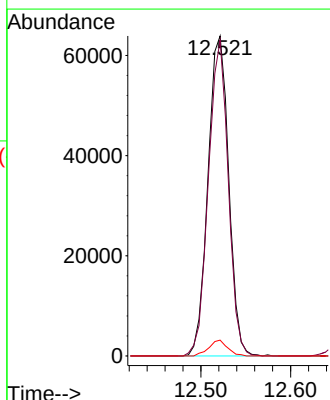
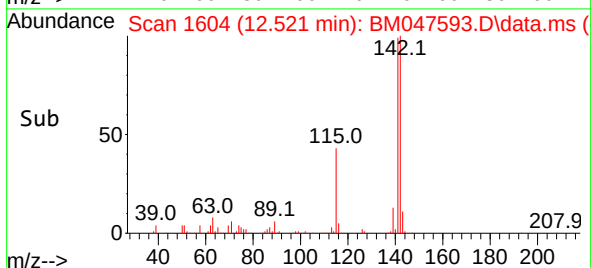
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/24/2024

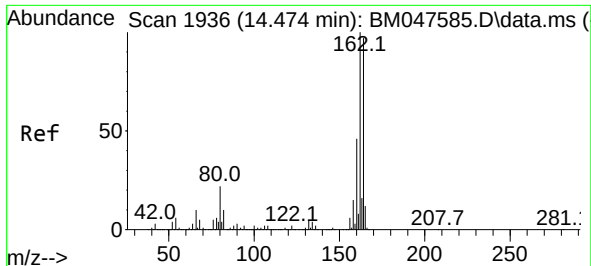


#38
1-Methylnaphthalene
Concen: 2.482 ng
RT: 12.521 min Scan# 1604
Delta R.T. -0.000 min
Lab File: BM047593.D
Acq: 20 Sep 2024 17:40



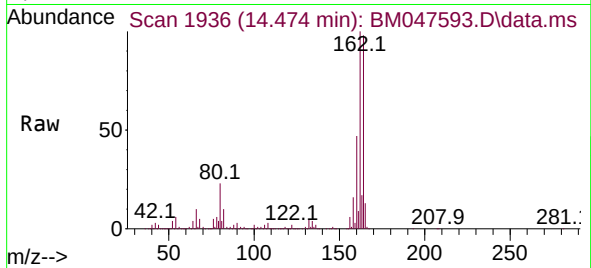
Tgt Ion:142 Resp: 102440
Ion Ratio Lower Upper
142 100
141 98.7 75.3 112.9
116 4.9 3.0 4.4#





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.474 min Scan# 1936
Delta R.T. 0.000 min
Lab File: BM047593.D
Acq: 20 Sep 2024 17:40

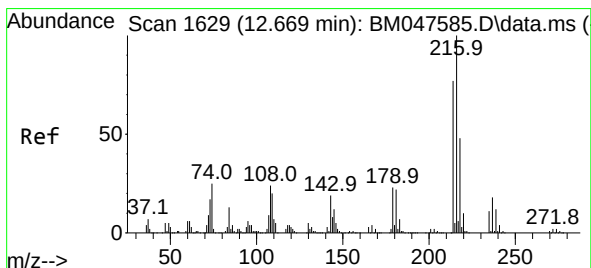
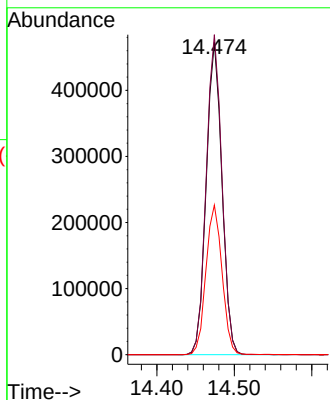
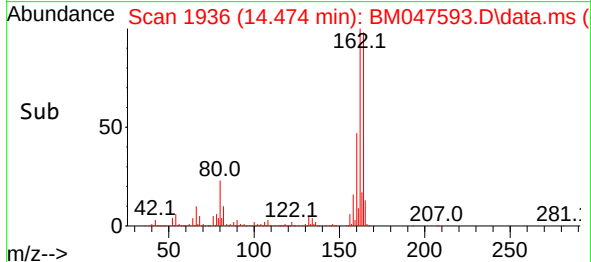
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2024



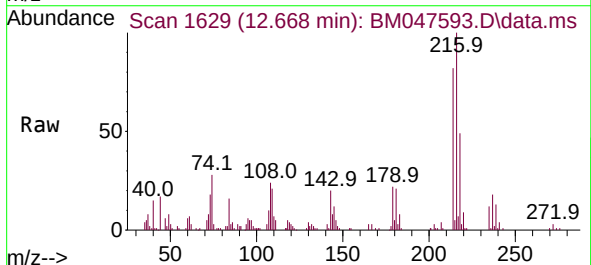
Tgt Ion:164 Resp: 66444
Ion Ratio Lower Upper
164 100
162 102.5 82.6 123.8
160 47.9 37.8 56.6

Manual Integrations
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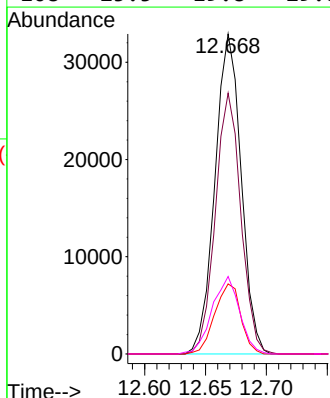
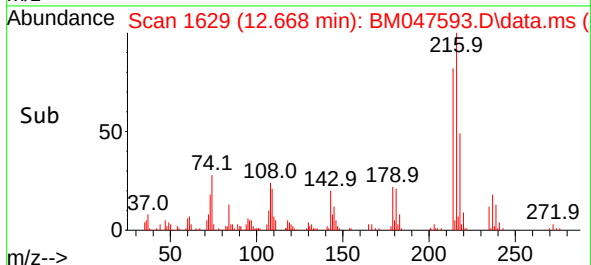
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/24/2024

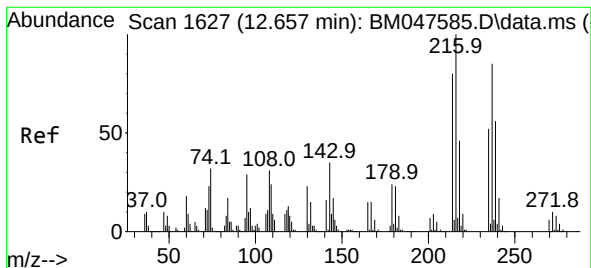


#40
1,2,4,5-Tetrachlorobenzene
Concen: 2.808 ng
RT: 12.668 min Scan# 1629
Delta R.T. -0.000 min
Lab File: BM047593.D
Acq: 20 Sep 2024 17:40



Tgt Ion:216 Resp: 49237
Ion Ratio Lower Upper
216 100
214 79.2 62.8 94.2
179 21.8 18.5 27.7
108 25.5 19.8 29.8





#41

Hexachlorocyclopentadiene

Concen: 3.321 ng

RT: 12.657 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM047593.D

Acq: 20 Sep 2024 17:40

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2024

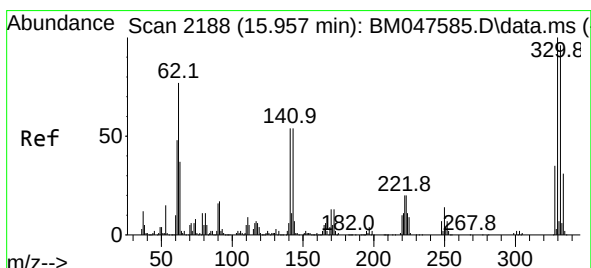
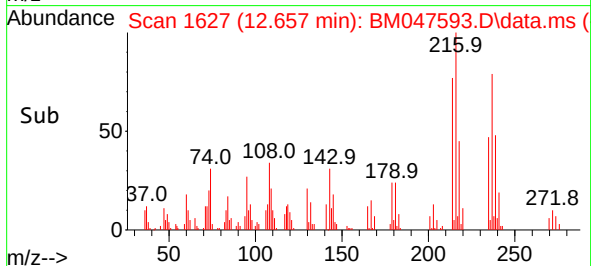
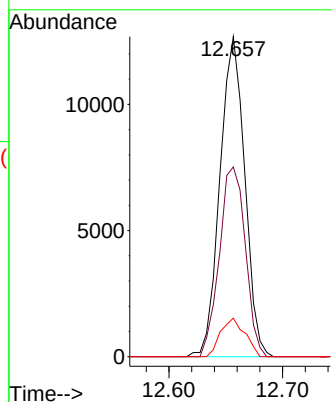
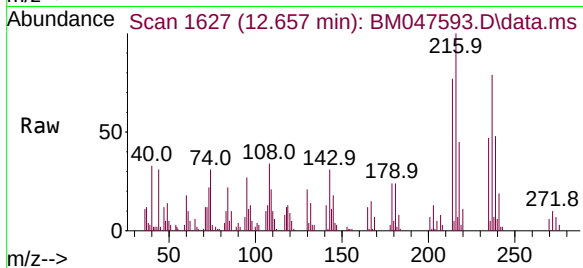
Tgt Ion:	237	Resp:	1922
Ion Ratio	Lower	Upper	
237	100		
235	59.3	41.2	81.2
272	12.1	0.0	32.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/24/2024



#42

2,4,6-Tribromophenol

Concen: 89.736 ng

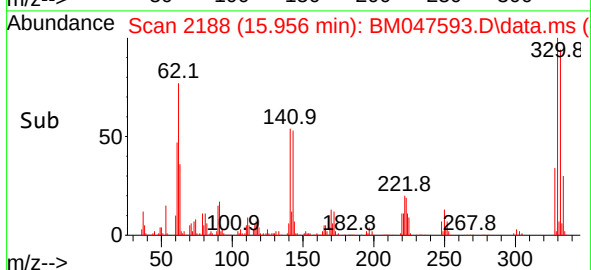
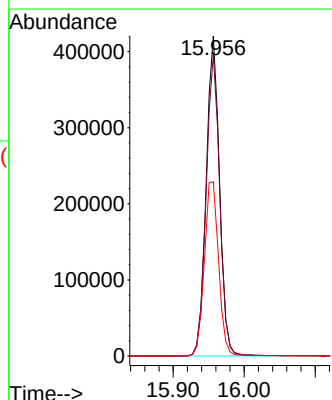
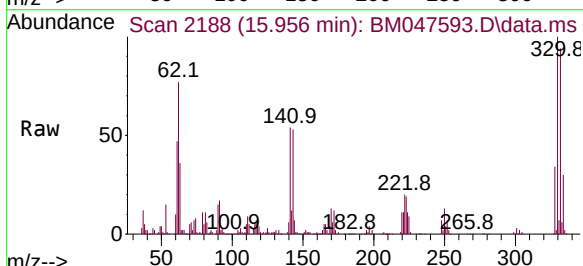
RT: 15.956 min Scan# 2188

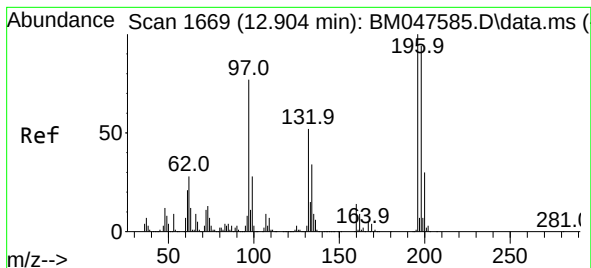
Delta R.T. -0.000 min

Lab File: BM047593.D

Acq: 20 Sep 2024 17:40

Tgt Ion:	330	Resp:	552108
Ion Ratio	Lower	Upper	
330	100		
332	94.9	77.0	115.4
141	58.1	45.9	68.9





#43

2,4,6-Trichlorophenol

Concen: 2.265 ng

RT: 12.904 min Scan# 1669

Delta R.T. -0.000 min

Lab File: BM047593.D

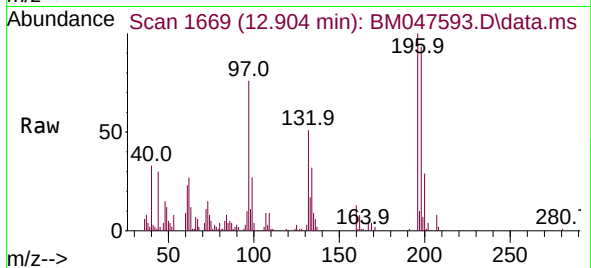
Acq: 20 Sep 2024 17:40

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2024



Tgt Ion:196 Resp: 25810

Ion Ratio Lower Upper

196 100

198 93.4 75.5 113.3

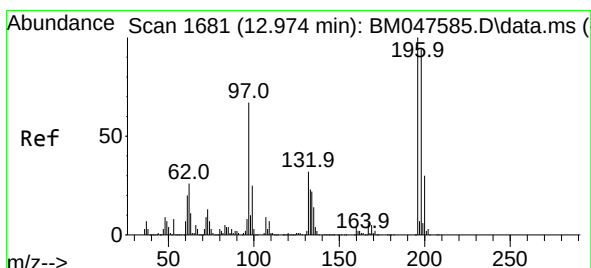
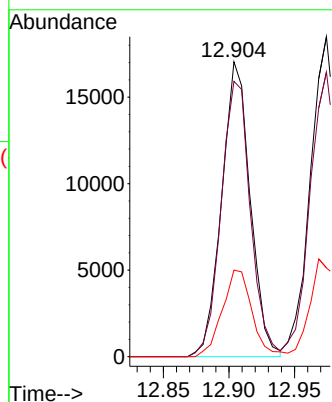
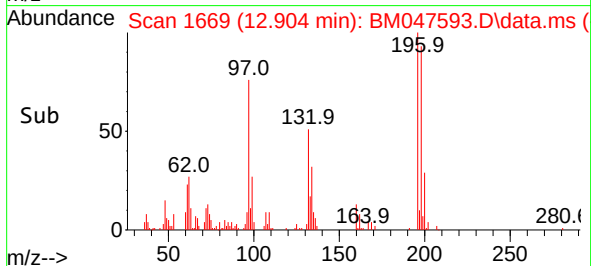
200 29.4 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/24/2024



#44

2,4,5-Trichlorophenol

Concen: 2.209 ng

RT: 12.974 min Scan# 1681

Delta R.T. -0.000 min

Lab File: BM047593.D

Acq: 20 Sep 2024 17:40

Tgt Ion:196 Resp: 28291

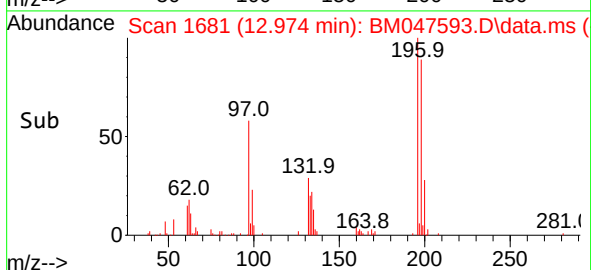
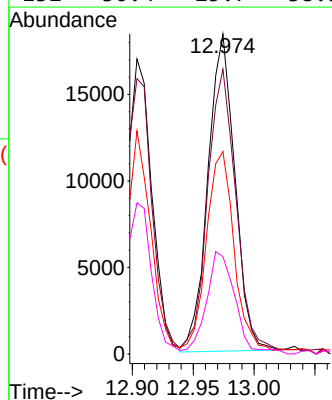
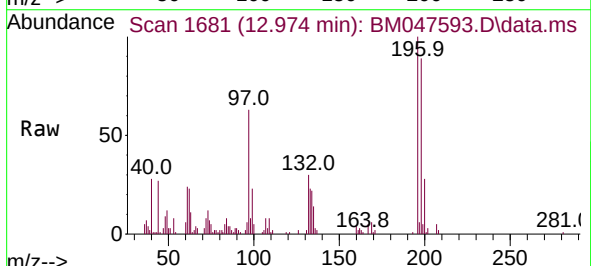
Ion Ratio Lower Upper

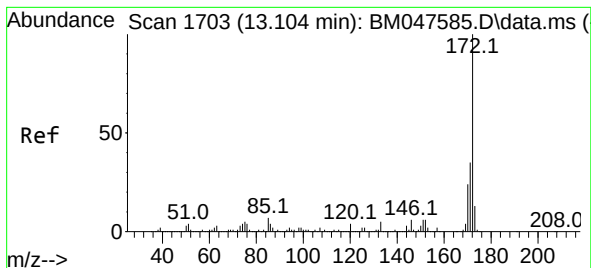
196 100

198 88.9 75.5 113.3

97 63.2 53.5 80.3

132 30.4 25.7 38.5





#45

2-Fluorobiphenyl

Concen: 63.724 ng

RT: 13.098 min Scan# 1702

Delta R.T. -0.006 min

Lab File: BM047593.D

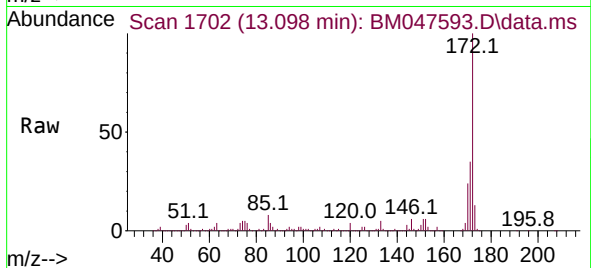
Acq: 20 Sep 2024 17:40

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2024



Tgt Ion:172 Resp: 299239

Ion Ratio Lower Upper

172 100

171 34.9 28.1 42.1

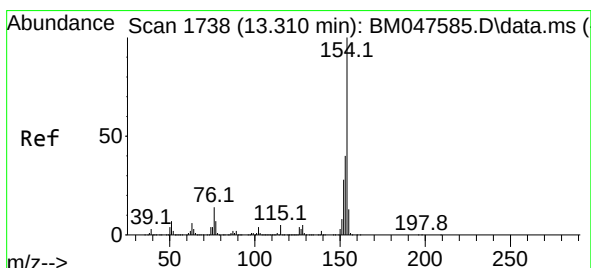
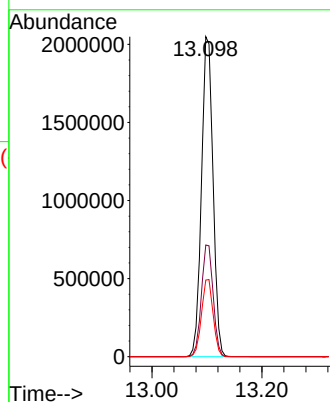
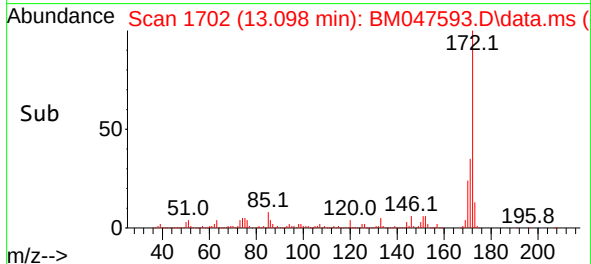
170 23.9 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/24/2024



#46

1,1'-Biphenyl

Concen: 2.932 ng

RT: 13.310 min Scan# 1738

Delta R.T. -0.000 min

Lab File: BM047593.D

Acq: 20 Sep 2024 17:40

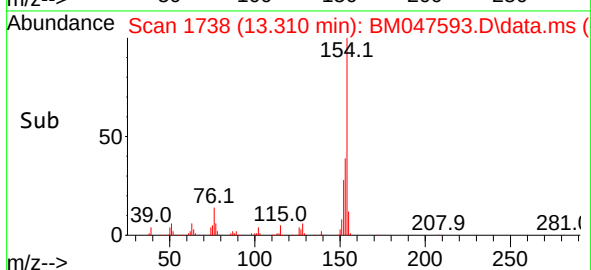
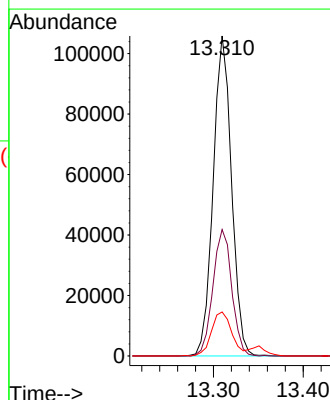
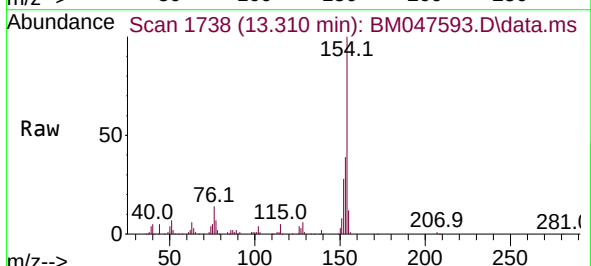
Tgt Ion:154 Resp: 150434

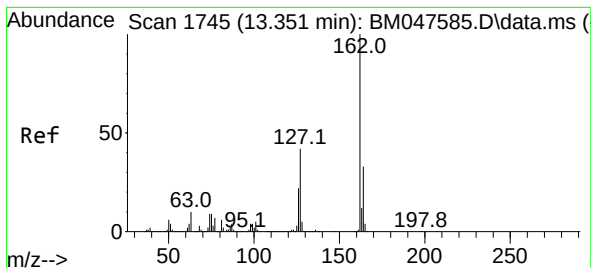
Ion Ratio Lower Upper

154 100

153 39.5 19.9 59.9

76 13.8 0.0 34.5





#47

2-Chloronaphthalene

Concen: 2.729 ng

RT: 13.351 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM047593.D

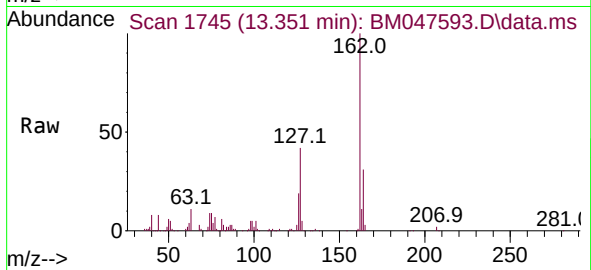
Acq: 20 Sep 2024 17:40

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2024



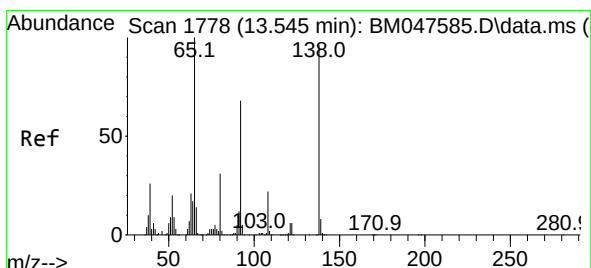
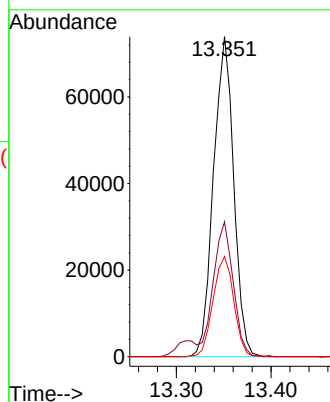
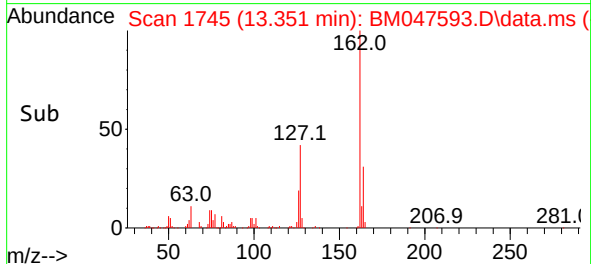
Tgt Ion:	162	Resp:	10956
Ion Ratio	Lower	Upper	
162	100		
127	42.2	33.8	50.6
164	31.3	26.2	39.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/24/2024



#48

2-Nitroaniline

Concen: 1.954 ng

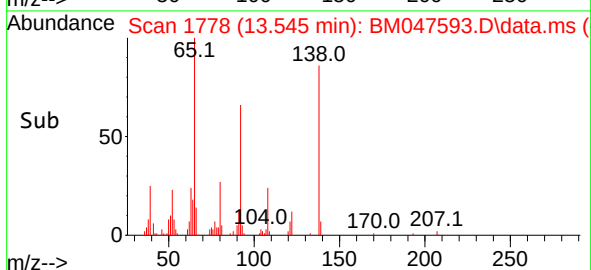
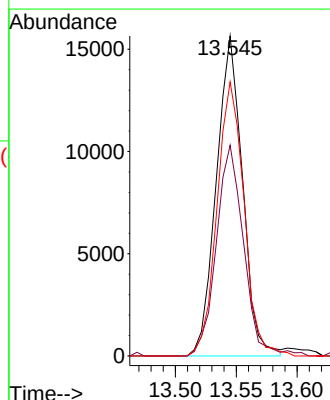
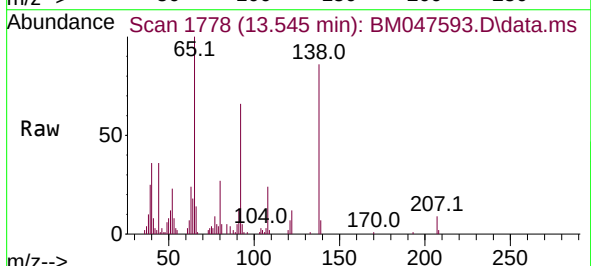
RT: 13.545 min Scan# 1778

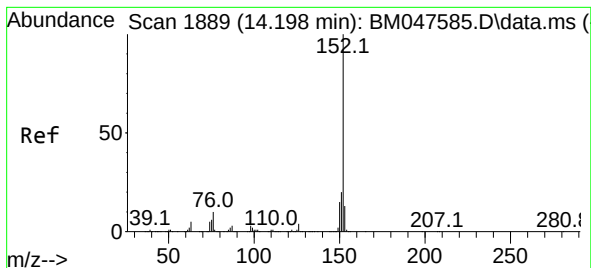
Delta R.T. -0.000 min

Lab File: BM047593.D

Acq: 20 Sep 2024 17:40

Tgt Ion:	65	Resp:	23438
Ion Ratio	Lower	Upper	
65	100		
92	65.9	54.2	81.4
138	85.7	76.6	114.8





#49

Acenaphthylene

Concen: 2.752 ng

RT: 14.192 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM047593.D

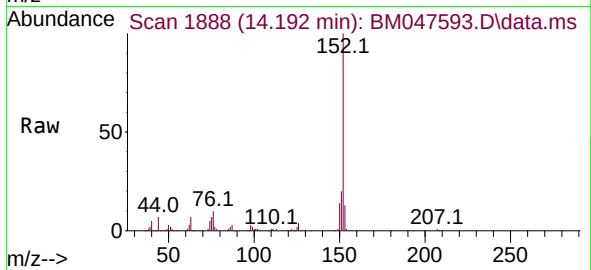
Acq: 20 Sep 2024 17:40

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2024



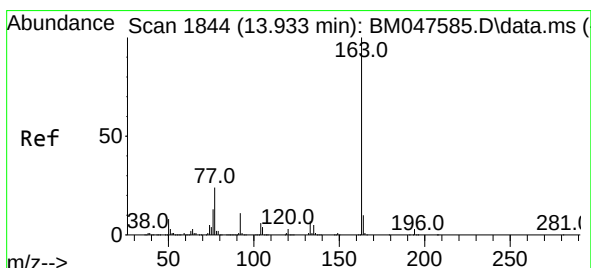
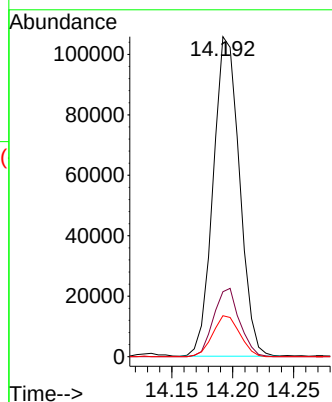
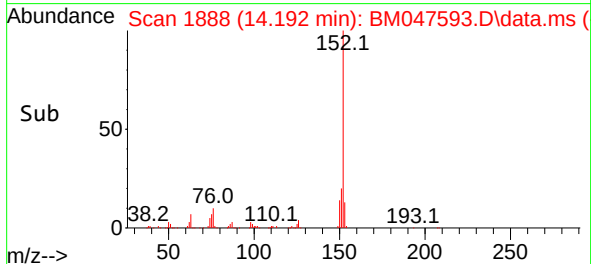
Tgt Ion:	152	Resp:	158994
Ion Ratio	Lower	Upper	
152	100		
151	20.3	16.2	24.2
153	12.8	10.4	15.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/24/2024



#50

Dimethylphthalate

Concen: 2.653 ng

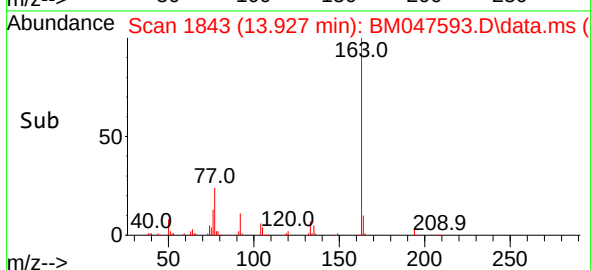
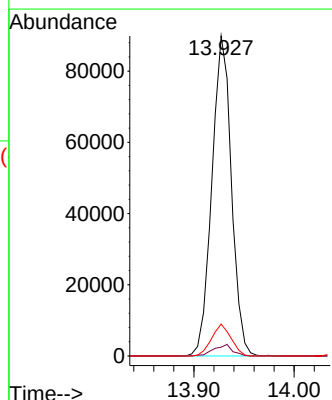
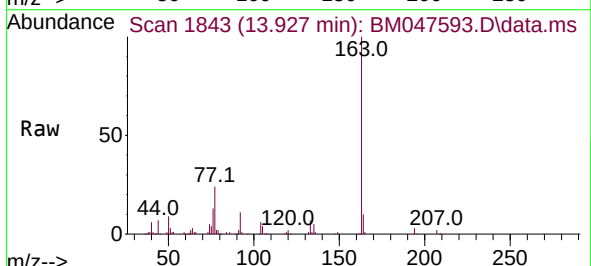
RT: 13.927 min Scan# 1843

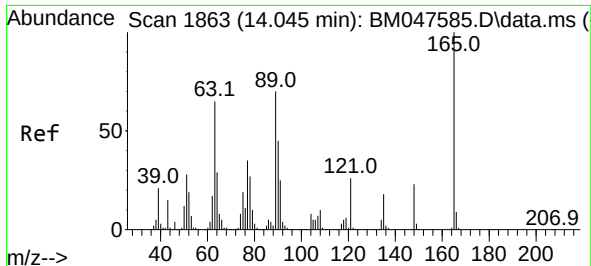
Delta R.T. -0.006 min

Lab File: BM047593.D

Acq: 20 Sep 2024 17:40

Tgt Ion:	163	Resp:	121698
Ion Ratio	Lower	Upper	
163	100		
194	2.8	2.7	4.1
164	10.0	8.2	12.2





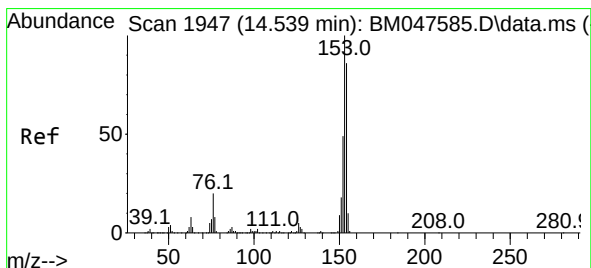
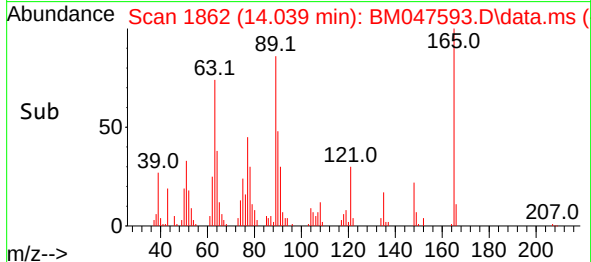
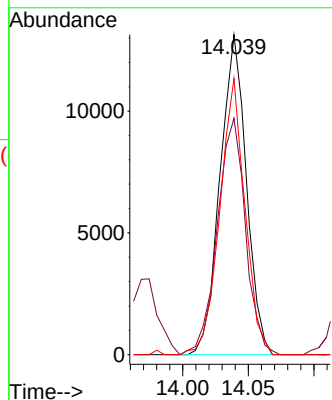
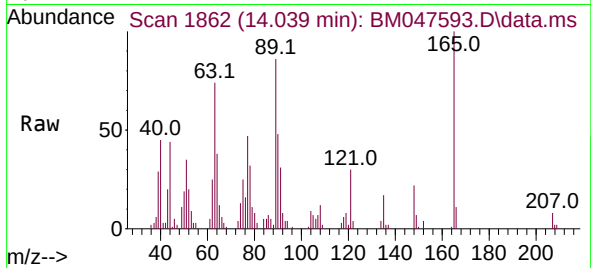
#51
2,6-Dinitrotoluene
Concen: 1.902 ng
RT: 14.039 min Scan# 1862
Delta R.T. -0.006 min
Lab File: BM047593.D
Acq: 20 Sep 2024 17:40

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

Tgt Ion:165 Resp: 18278
Ion Ratio Lower Upper
165 100
63 73.9 53.0 79.6
89 86.3 56.4 84.6

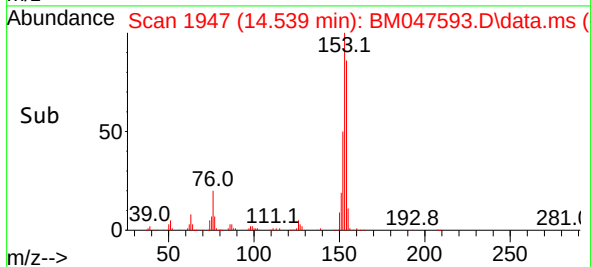
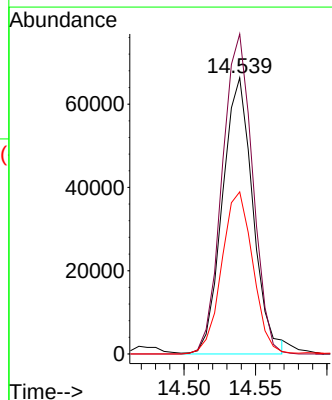
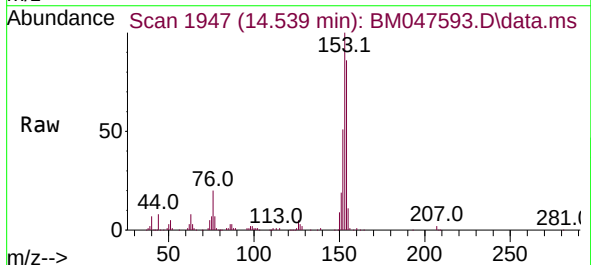
Manual Integrations
APPROVED

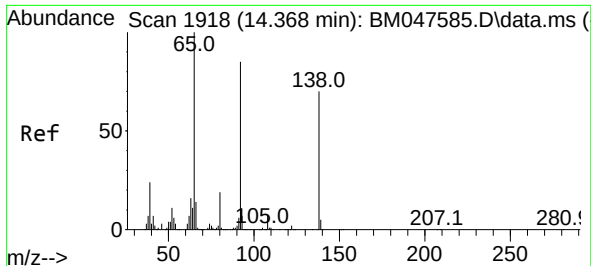
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/24/2024



#52
Acenaphthene
Concen: 2.577 ng m
RT: 14.539 min Scan# 1947
Delta R.T. -0.000 min
Lab File: BM047593.D
Acq: 20 Sep 2024 17:40

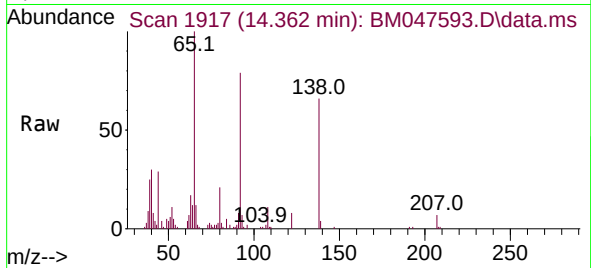
Tgt Ion:154 Resp: 98376
Ion Ratio Lower Upper
154 100
153 115.9 92.8 139.2
152 58.7 45.7 68.5





#53
3-Nitroaniline
Concen: 1.891 ng
RT: 14.362 min Scan# 1918
Delta R.T. -0.006 min
Lab File: BM047593.D
Acq: 20 Sep 2024 17:40

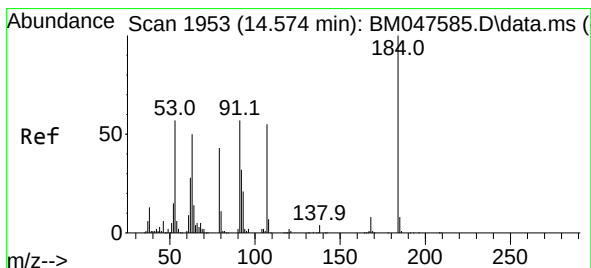
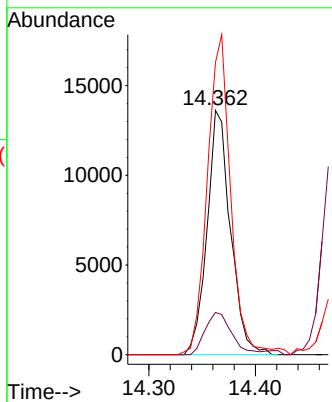
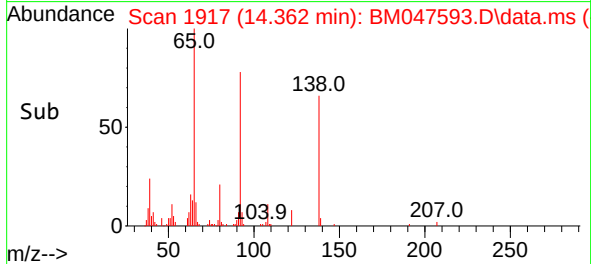
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2024



Tgt Ion:138 Resp: 20840
Ion Ratio Lower Upper
138 100
108 17.3 8.3 12.5
92 119.6 97.0 145.6

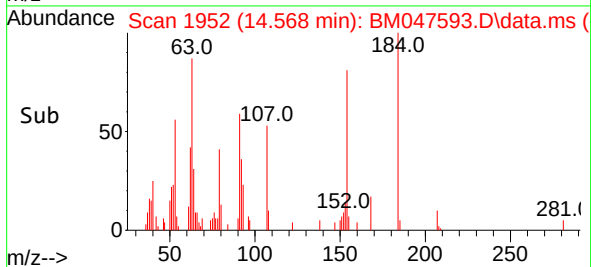
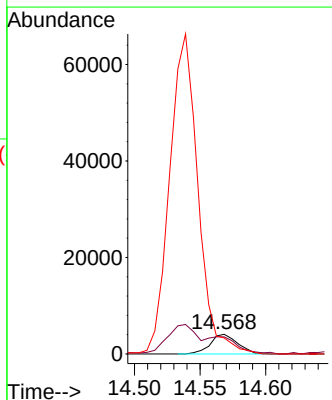
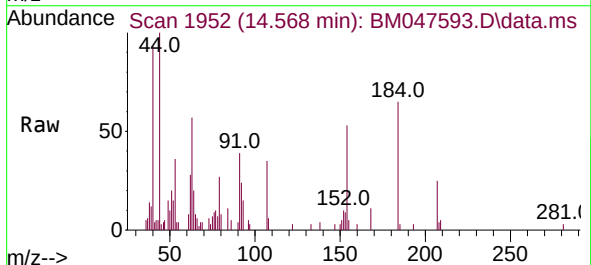
Manual Integrations
APPROVED

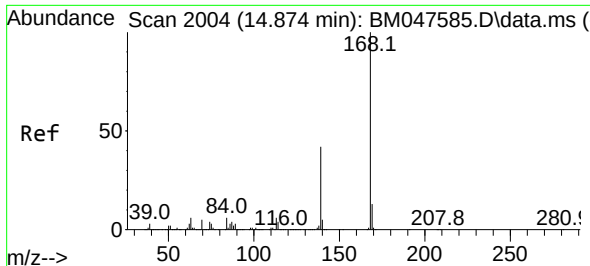
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/24/2024



#54
2,4-Dinitrophenol
Concen: 1.357 ng
RT: 14.568 min Scan# 1952
Delta R.T. -0.006 min
Lab File: BM047593.D
Acq: 20 Sep 2024 17:40

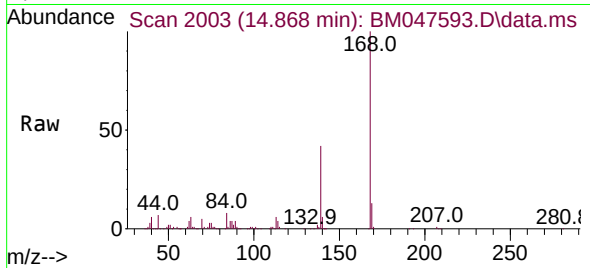
Tgt Ion:184 Resp: 5915
Ion Ratio Lower Upper
184 100
63 86.8 69.0 103.6
154 81.3 59.7 89.5





#55
Dibenzenofuran
Concen: 2.757 ng
RT: 14.868 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BM047593.D
Acq: 20 Sep 2024 17:40

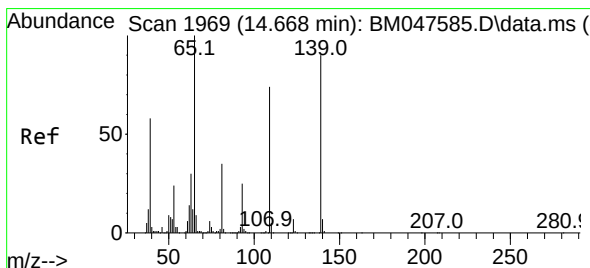
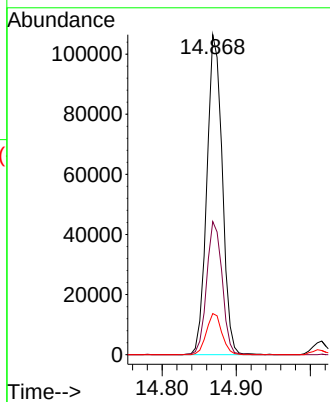
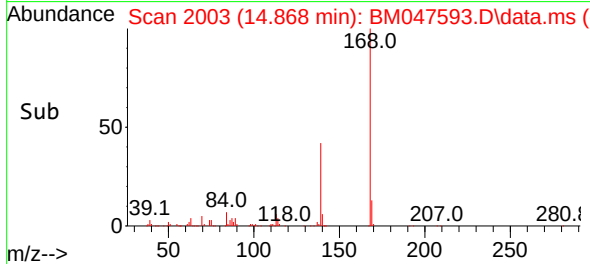
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2024



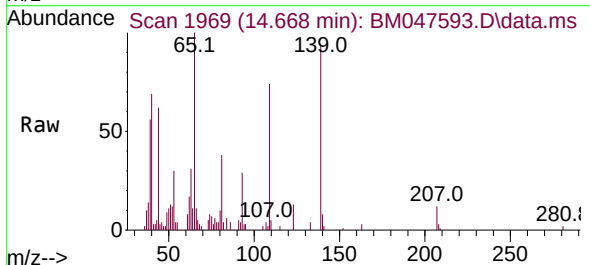
Tgt Ion:168 Resp: 15380
Ion Ratio Lower Upper
168 100
139 41.6 33.4 50.2
169 12.8 10.4 15.6

Manual Integrations
APPROVED

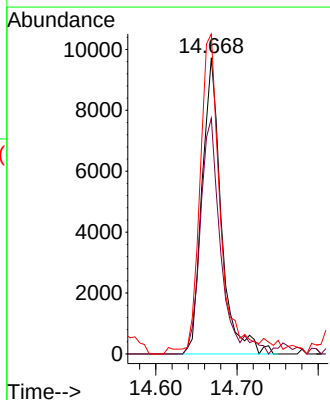
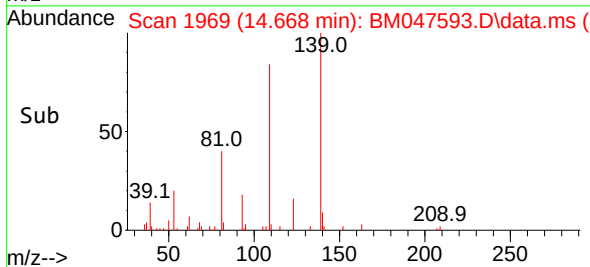
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/24/2024

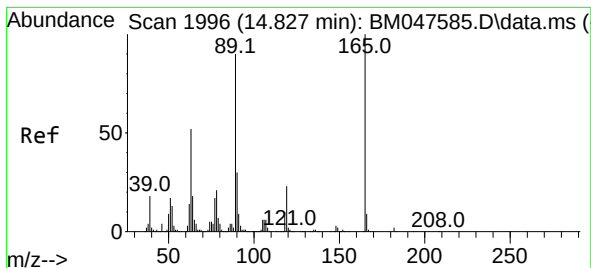


#56
4-Nitrophenol
Concen: 1.688 ng
RT: 14.668 min Scan# 1969
Delta R.T. -0.000 min
Lab File: BM047593.D
Acq: 20 Sep 2024 17:40



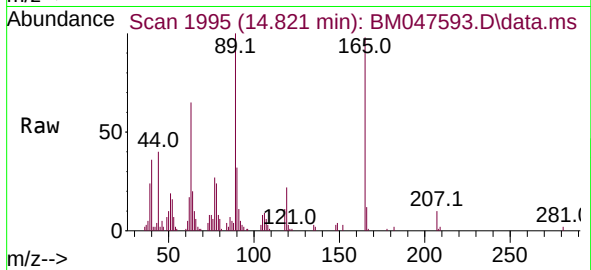
Tgt Ion:139 Resp: 15948
Ion Ratio Lower Upper
139 100
109 79.6 63.1 103.1
65 108.0 91.8 131.8





#57
2,4-Dinitrotoluene
Concen: 1.673 ng
RT: 14.821 min Scan# 1996
Delta R.T. -0.006 min
Lab File: BM047593.D
Acq: 20 Sep 2024 17:40

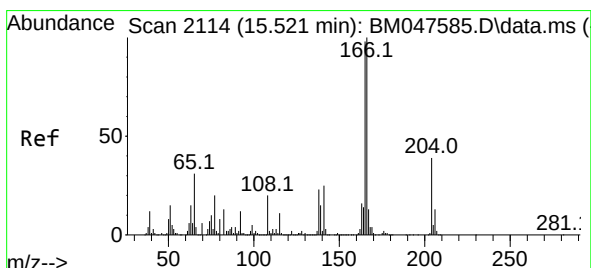
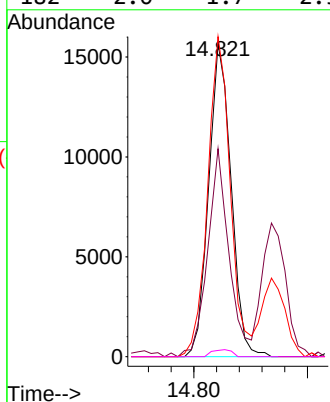
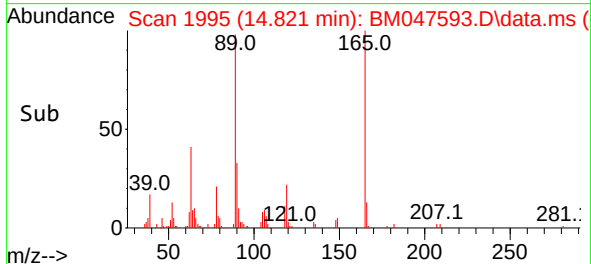
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2024



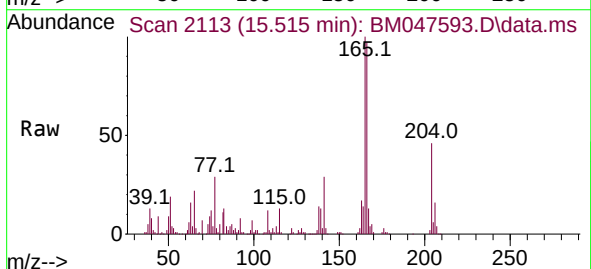
Tgt Ion:165 Resp: 2143
Ion Ratio Lower Upper
165 100
63 66.4 41.6 62.4
89 102.1 71.7 107.5
182 2.0 1.7 2.5

Manual Integrations
APPROVED

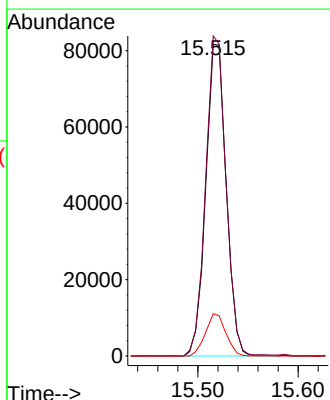
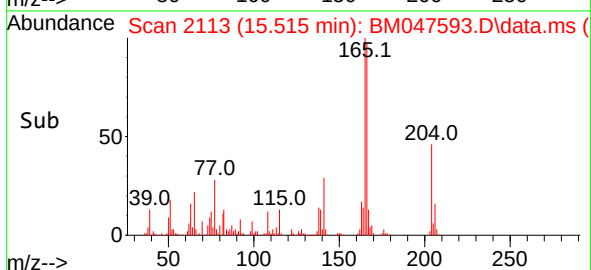
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/24/2024

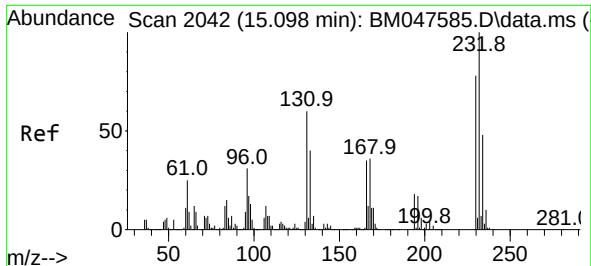


#58
Fluorene
Concen: 2.345 ng
RT: 15.515 min Scan# 2113
Delta R.T. -0.006 min
Lab File: BM047593.D
Acq: 20 Sep 2024 17:40



Tgt Ion:166 Resp: 115776
Ion Ratio Lower Upper
166 100
165 102.6 78.4 117.6
167 13.6 10.5 15.7





#59

2,3,4,6-Tetrachlorophenol

Concen: 2.217 ng

RT: 15.098 min Scan# 2042

Delta R.T. -0.000 min

Lab File: BM047593.D

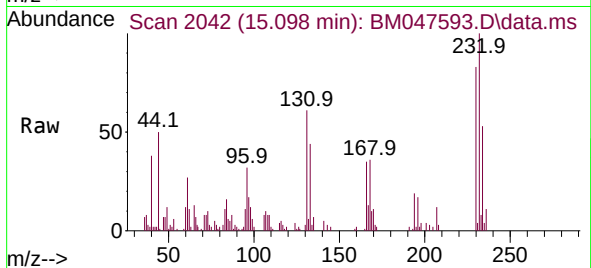
Acq: 20 Sep 2024 17:40

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2024



Tgt Ion:232 Resp: 21710

Ion Ratio Lower Upper

232 100

131 65.2 50.3 75.5

130 3.2 3.0 4.4

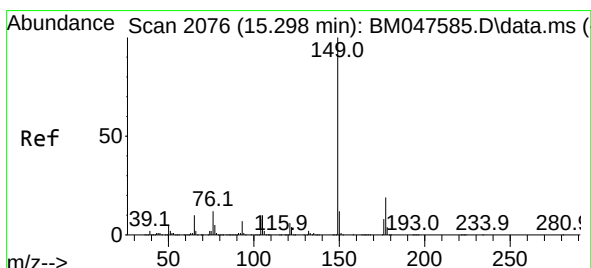
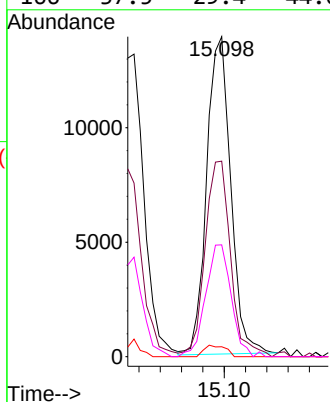
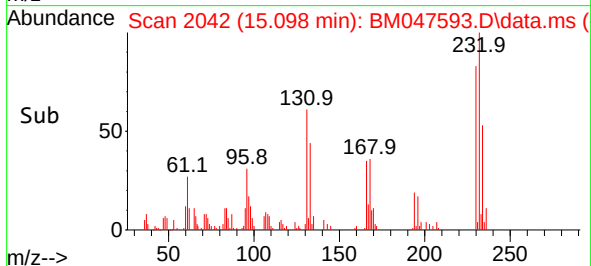
166 37.5 29.4 44.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/24/2024



#60

Diethylphthalate

Concen: 2.418 ng

RT: 15.292 min Scan# 2075

Delta R.T. -0.006 min

Lab File: BM047593.D

Acq: 20 Sep 2024 17:40

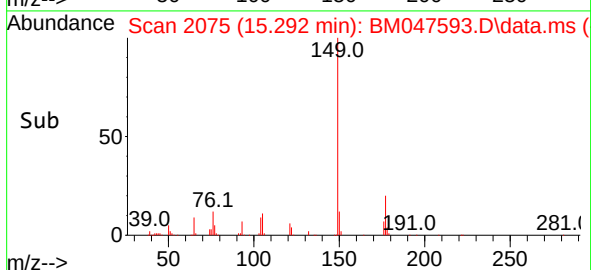
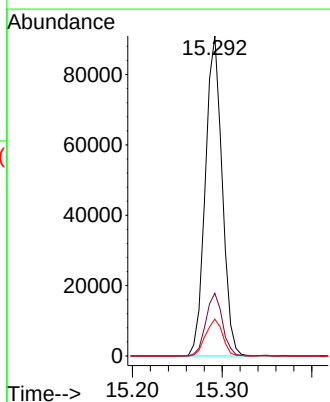
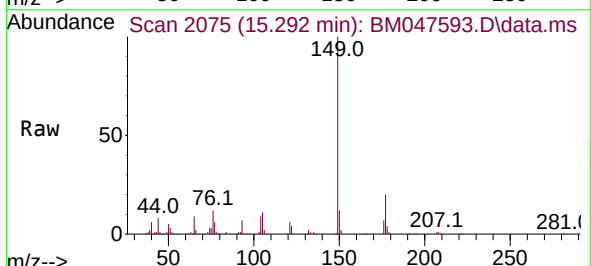
Tgt Ion:149 Resp: 118245

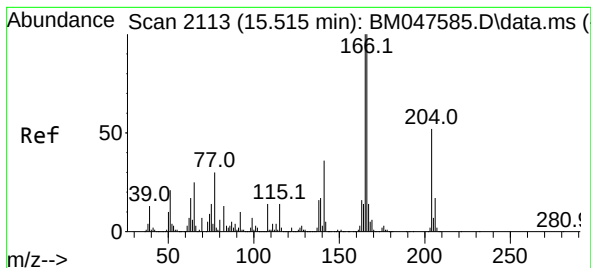
Ion Ratio Lower Upper

149 100

177 19.6 15.4 23.0

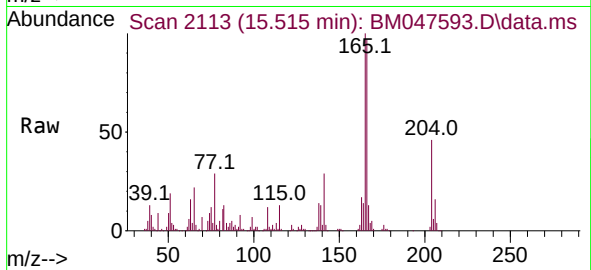
150 11.5 9.4 14.0





#61
4-Chlorophenyl-phenylether
Concen: 2.409 ng
RT: 15.515 min Scan# 2113
Delta R.T. -0.000 min
Lab File: BM047593.D
Acq: 20 Sep 2024 17:40

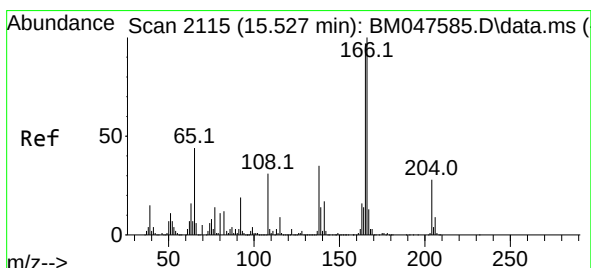
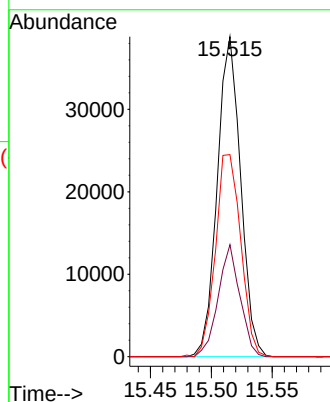
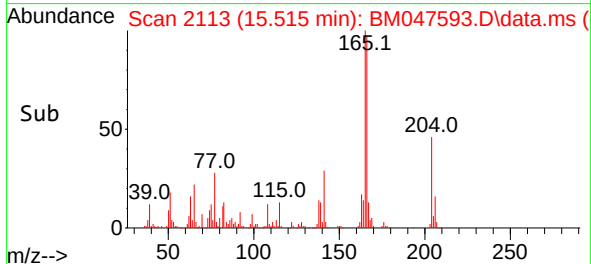
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2024



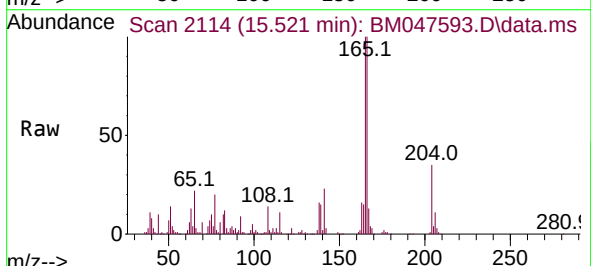
Tgt Ion:204 Resp: 5196
Ion Ratio Lower Upper
204 100
206 35.0 26.2 39.2
141 63.1 55.3 82.9

Manual Integrations
APPROVED

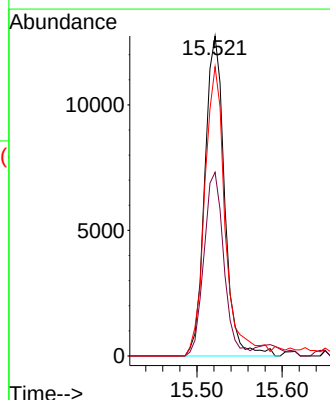
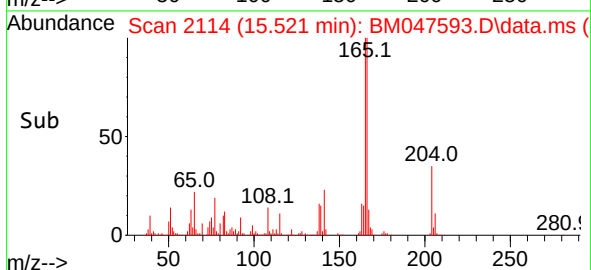
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/24/2024

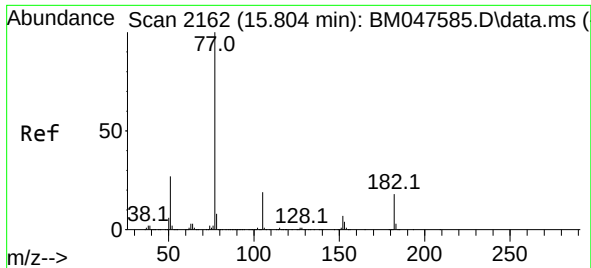


#62
4-Nitroaniline
Concen: 1.652 ng
RT: 15.521 min Scan# 2114
Delta R.T. -0.006 min
Lab File: BM047593.D
Acq: 20 Sep 2024 17:40



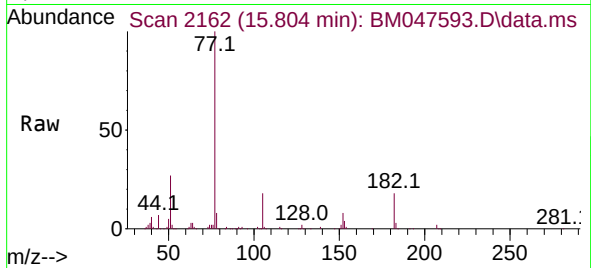
Tgt Ion:138 Resp: 20523
Ion Ratio Lower Upper
138 100
92 57.4 33.3 73.3
108 90.4 66.2 106.2





#63
Azobenzene
Concen: 2.448 ng
RT: 15.804 min Scan# 2162
Delta R.T. -0.000 min
Lab File: BM047593.D
Acq: 20 Sep 2024 17:40

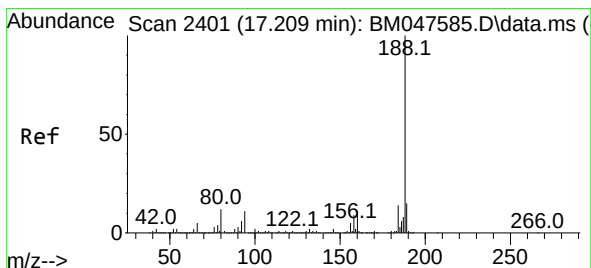
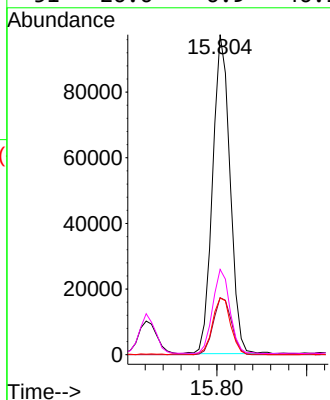
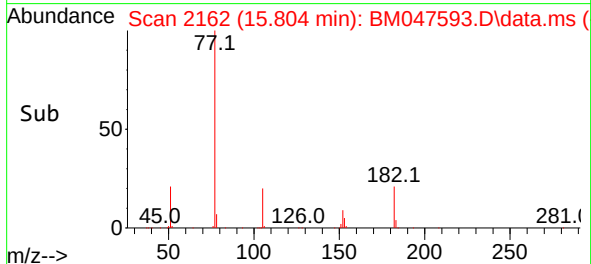
Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT2-2024



Tgt Ion: 77 Resp: 13090
Ion Ratio Lower Upper
77 100
182 17.8 0.0 38.2
105 17.7 0.0 38.8
51 26.6 6.9 46.9

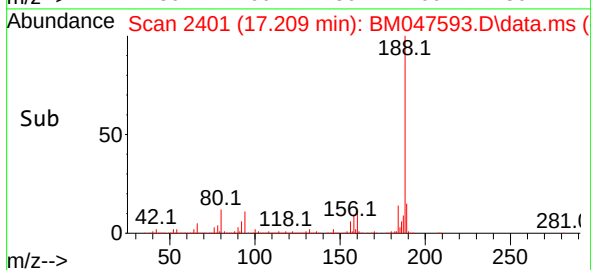
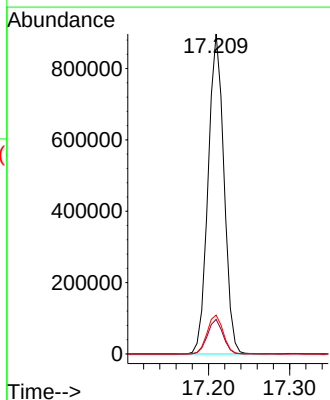
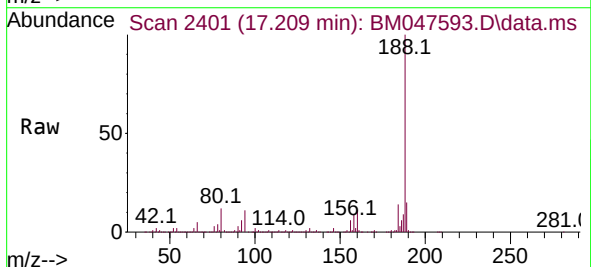
Manual Integrations
APPROVED

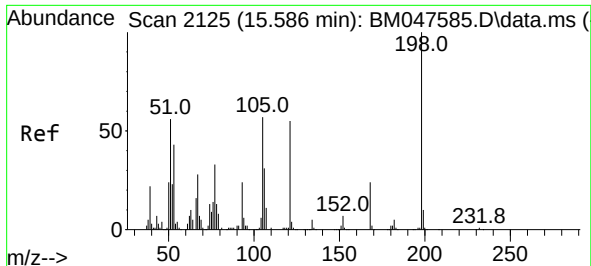
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/24/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.209 min Scan# 2401
Delta R.T. 0.000 min
Lab File: BM047593.D
Acq: 20 Sep 2024 17:40

Tgt Ion:188 Resp: 1212735
Ion Ratio Lower Upper
188 100
94 10.8 8.6 13.0
80 12.1 9.9 14.9





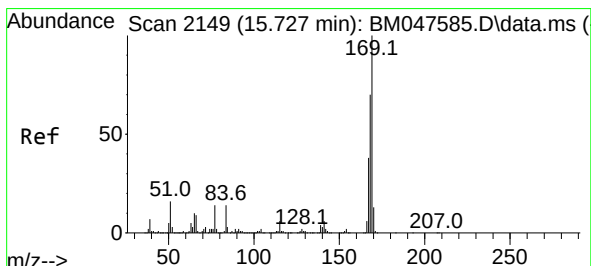
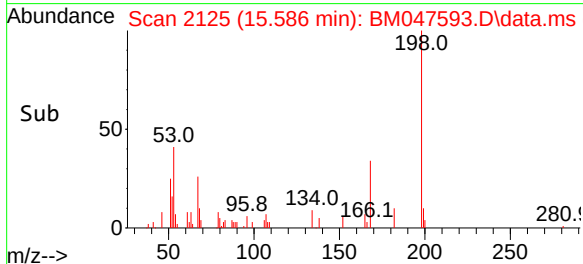
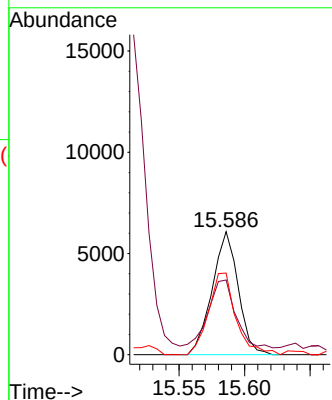
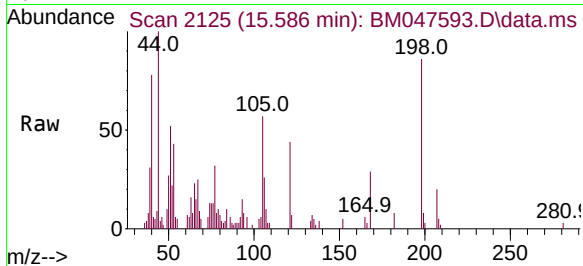
#65
4,6-Dinitro-2-methylphenol
Concen: 1.458 ng
RT: 15.586 min Scan# 2125
Delta R.T. -0.000 min
Lab File: BM047593.D
Acq: 20 Sep 2024 17:40

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

Tgt Ion:198 Resp: 8370
Ion Ratio Lower Upper
198 100
51 60.8 38.2 78.2
105 66.4 38.0 78.0

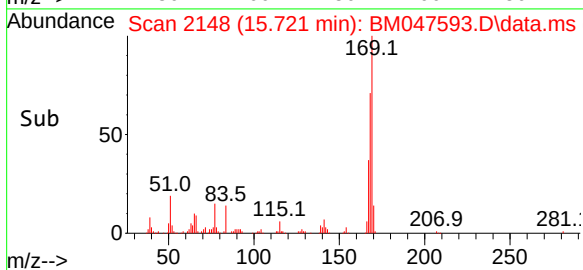
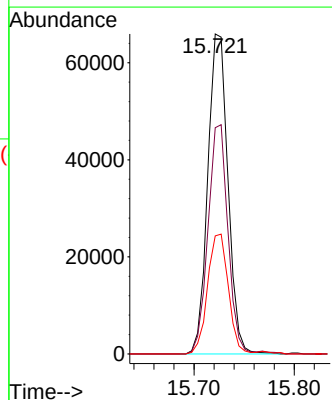
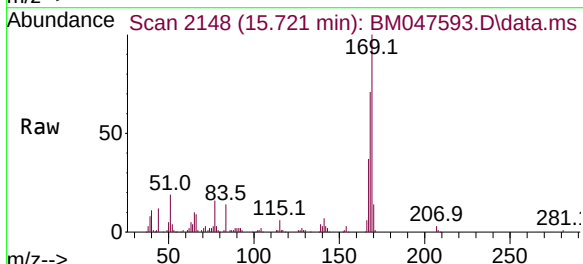
Manual Integrations
APPROVED

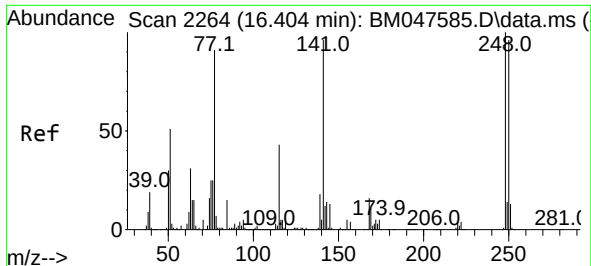
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/24/2024



#66
n-Nitrosodiphenylamine
Concen: 2.549 ng
RT: 15.721 min Scan# 2148
Delta R.T. -0.006 min
Lab File: BM047593.D
Acq: 20 Sep 2024 17:40

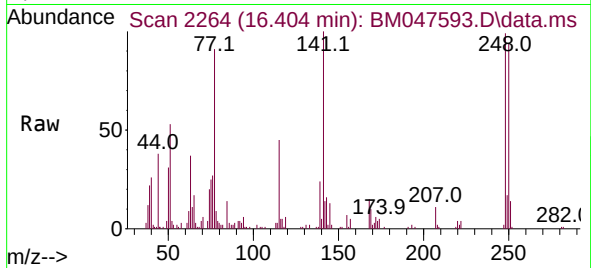
Tgt Ion:169 Resp: 92329
Ion Ratio Lower Upper
169 100
168 70.7 55.8 83.8
167 36.9 30.7 46.1





#67
4-Bromophenyl-phenylether
Concen: 2.422 ng
RT: 16.404 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM047593.D
Acq: 20 Sep 2024 17:40

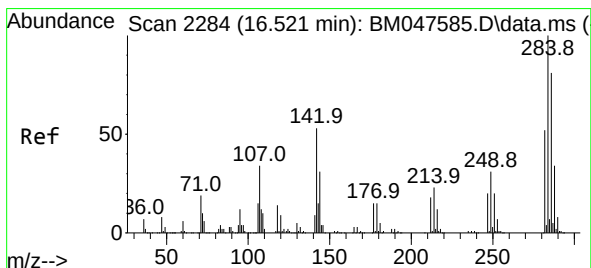
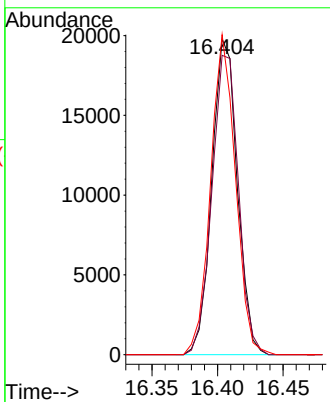
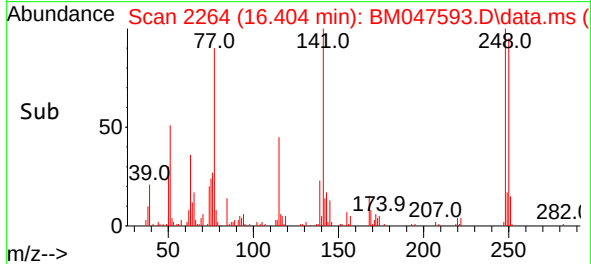
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2024



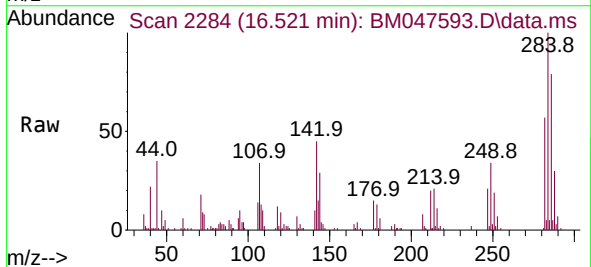
Tgt Ion:248 Resp: 2668
Ion Ratio Lower Upper
248 100
250 94.7 76.7 115.1
141 101.3 76.7 115.1

Manual Integrations
APPROVED

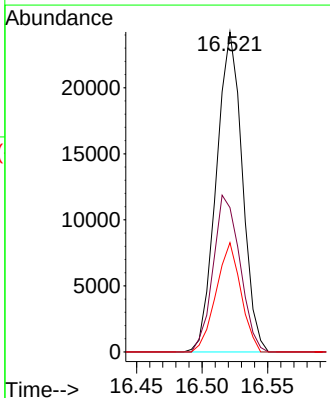
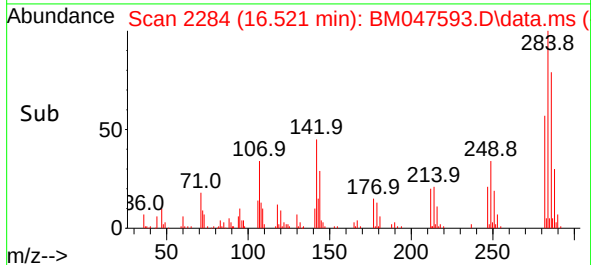
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/24/2024

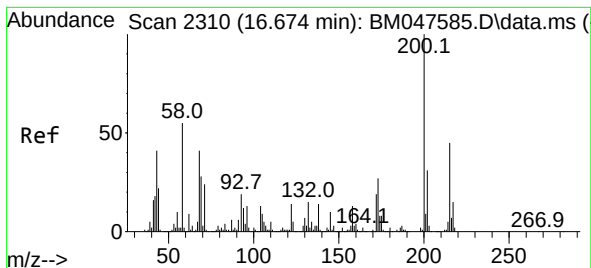


#68
Hexachlorobenzene
Concen: 2.588 ng
RT: 16.521 min Scan# 2284
Delta R.T. -0.000 min
Lab File: BM047593.D
Acq: 20 Sep 2024 17:40



Tgt Ion:284 Resp: 33334
Ion Ratio Lower Upper
284 100
142 45.1 42.5 63.7
249 37.2 25.0 37.6





#69

Atrazine

Concen: 2.732 ng

RT: 16.668 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047593.D

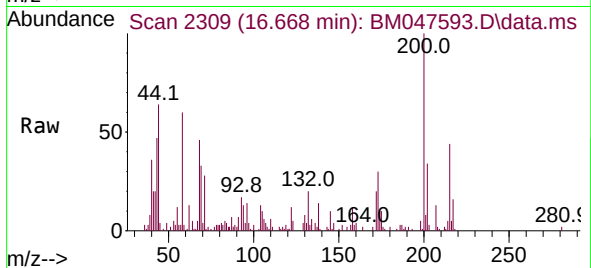
Acq: 20 Sep 2024 17:40

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2024



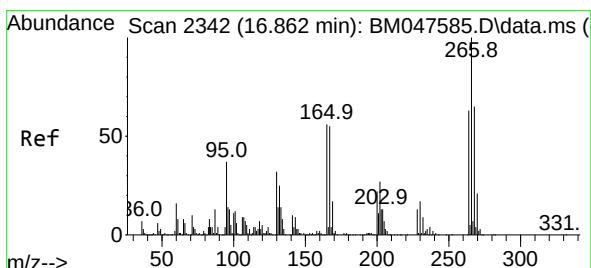
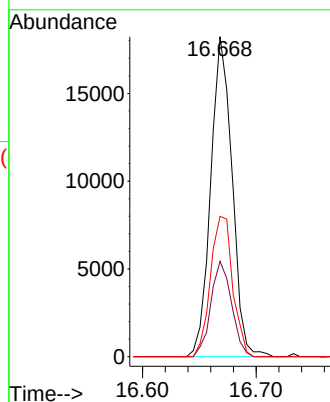
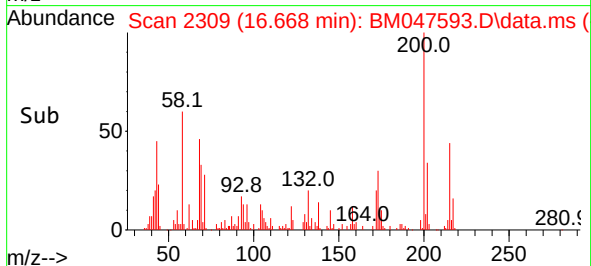
Tgt Ion:	200	Resp:	2382
Ion Ratio	Lower	Upper	
200	100		
173	29.8	7.4	47.4
215	43.8	24.5	64.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/24/2024



#70

Pentachlorophenol

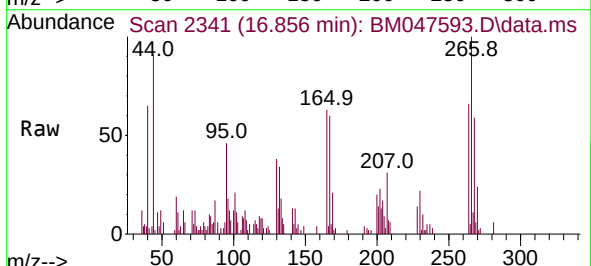
Concen: 1.784 ng

RT: 16.856 min Scan# 2341

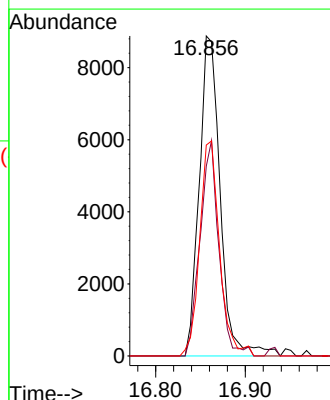
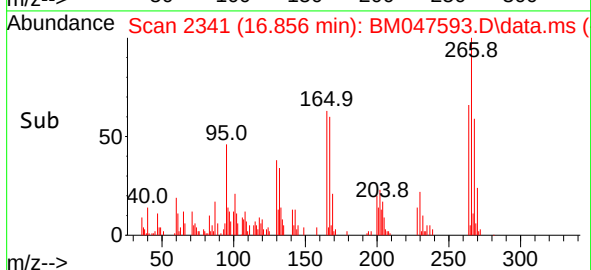
Delta R.T. -0.006 min

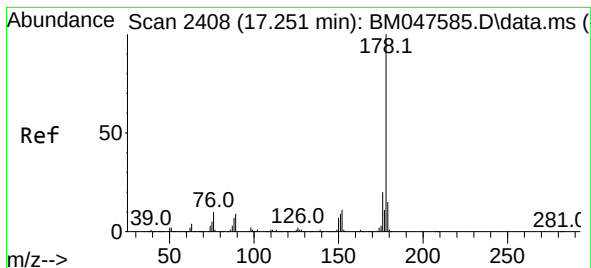
Lab File: BM047593.D

Acq: 20 Sep 2024 17:40



Tgt Ion:	266	Resp:	14417
Ion Ratio	Lower	Upper	
266	100		
268	59.3	52.2	78.4
264	65.9	50.0	75.0





#71

Phenanthrene

Concen: 2.667 ng

RT: 17.251 min Scan# 2408

Delta R.T. -0.000 min

Lab File: BM047593.D

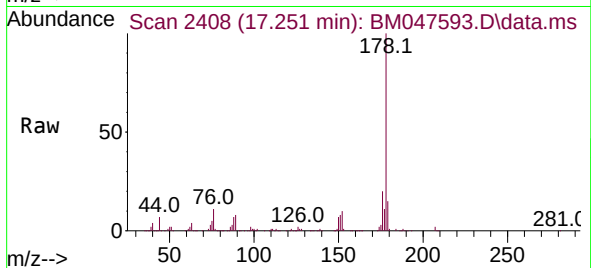
Acq: 20 Sep 2024 17:40

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2024



Tgt Ion:178 Resp: 17559

Ion Ratio Lower Upper

178 100

176 20.0 15.8 23.8

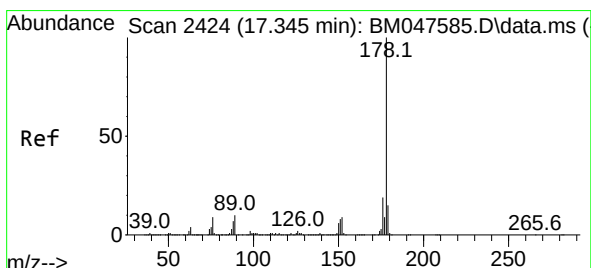
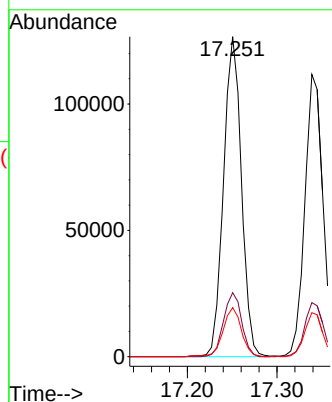
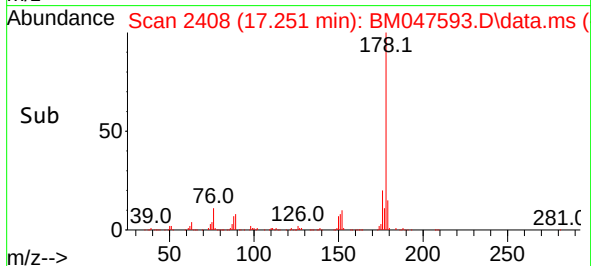
179 15.4 12.2 18.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/24/2024



#72

Anthracene

Concen: 2.522 ng

RT: 17.339 min Scan# 2423

Delta R.T. -0.006 min

Lab File: BM047593.D

Acq: 20 Sep 2024 17:40

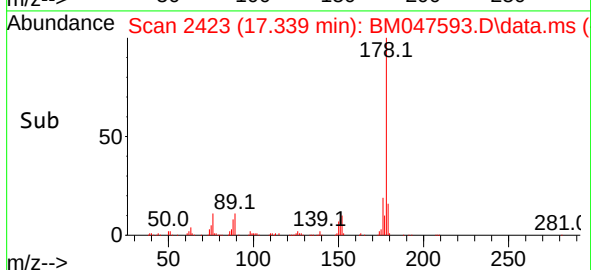
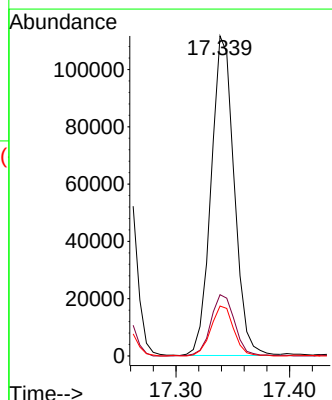
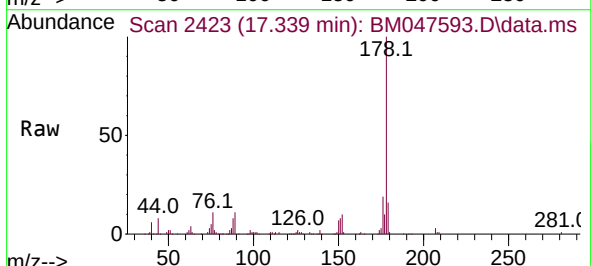
Tgt Ion:178 Resp: 157270

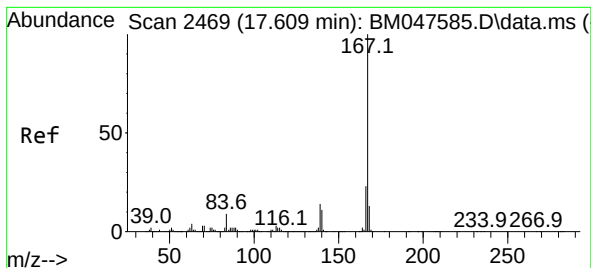
Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.2

179 15.6 12.2 18.2





#73

Carbazole

Concen: 2.336 ng

RT: 17.609 min Scan# 2469

Delta R.T. -0.000 min

Lab File: BM047593.D

Acq: 20 Sep 2024 17:40

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2024

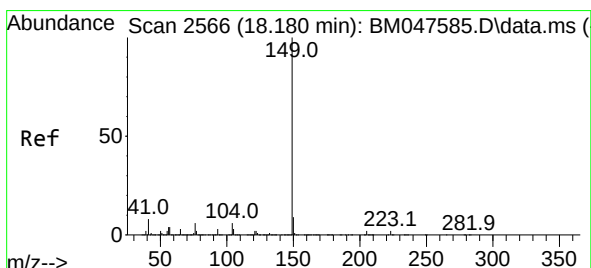
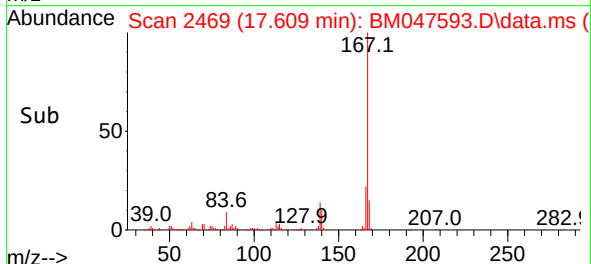
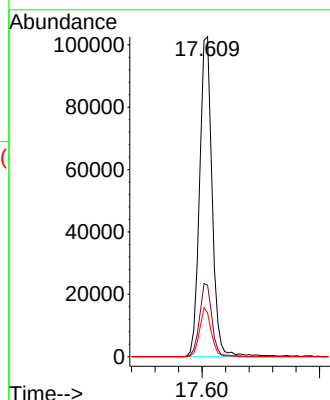
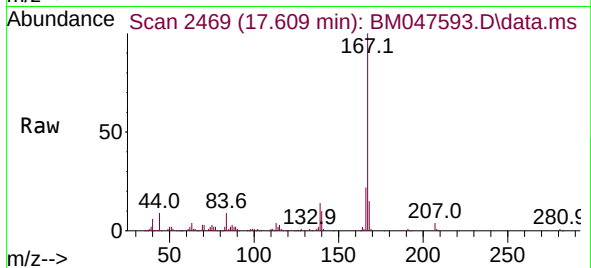
Tgt Ion:	167	Resp:	151810
Ion Ratio	Lower	Upper	
167	100		
166	22.4	18.0	27.0
139	13.7	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/24/2024



#74

Di-n-butylphthalate

Concen: 2.057 ng

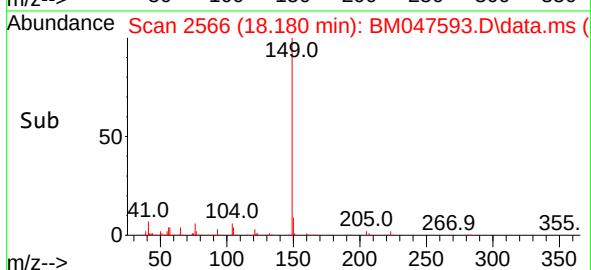
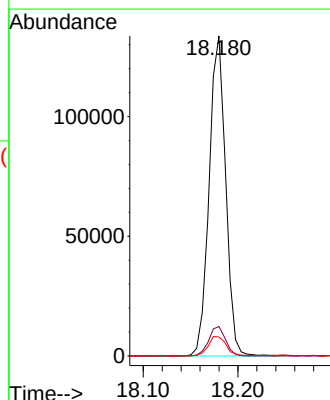
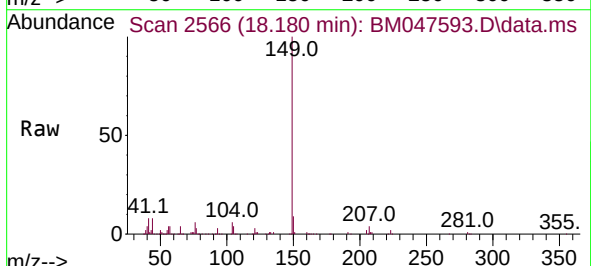
RT: 18.180 min Scan# 2566

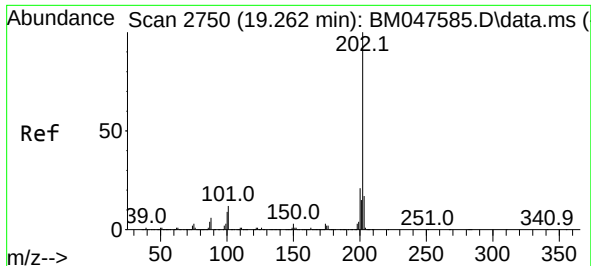
Delta R.T. -0.000 min

Lab File: BM047593.D

Acq: 20 Sep 2024 17:40

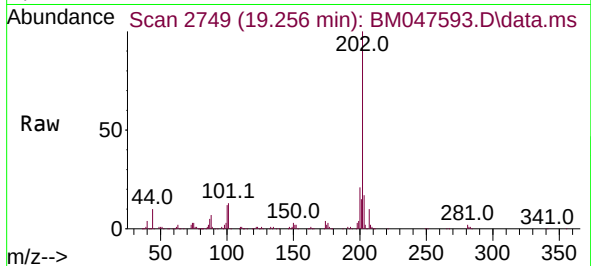
Tgt Ion:	149	Resp:	161719
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.4	11.0
104	6.0	4.7	7.1





#75
Fluoranthene
Concen: 2.212 ng
RT: 19.256 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047593.D
Acq: 20 Sep 2024 17:40

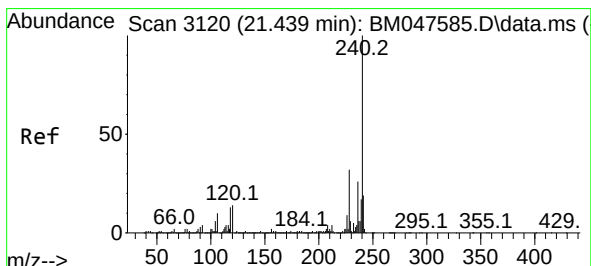
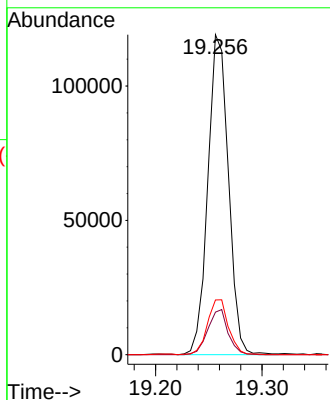
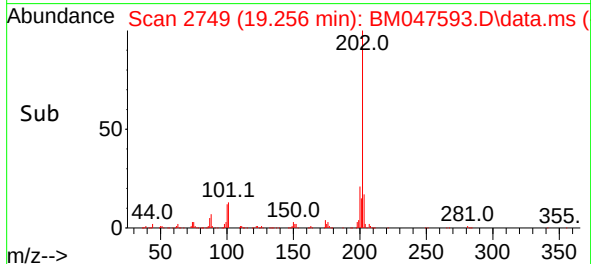
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2024



Tgt Ion:202 Resp: 160268
Ion Ratio Lower Upper
202 100
101 13.3 0.0 32.2
203 17.1 0.0 37.4

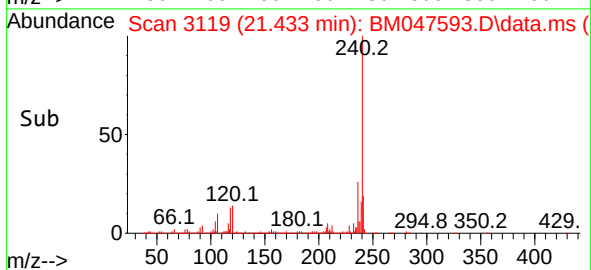
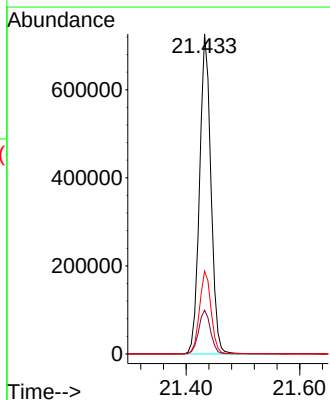
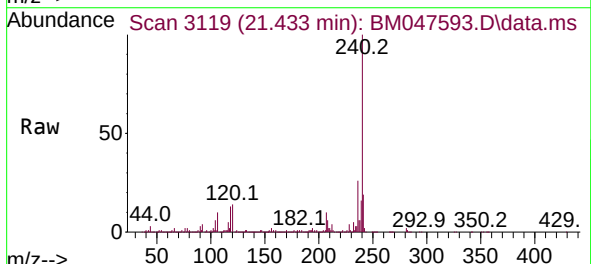
Manual Integrations
APPROVED

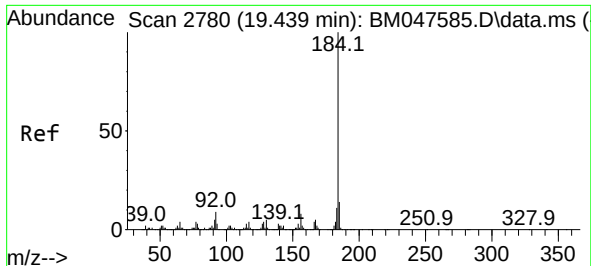
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/24/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.433 min Scan# 3119
Delta R.T. -0.006 min
Lab File: BM047593.D
Acq: 20 Sep 2024 17:40

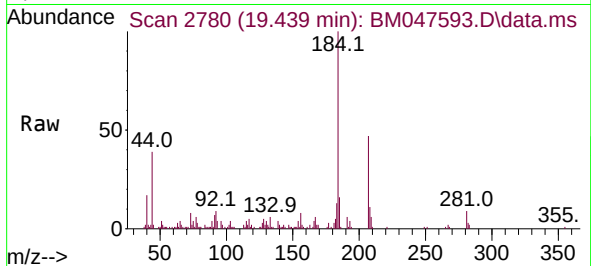
Tgt Ion:240 Resp: 1008554
Ion Ratio Lower Upper
240 100
120 13.7 10.8 16.2
236 25.9 20.8 31.2





#77
Benzidine
Concen: 3.432 ng
RT: 19.439 min Scan# 2780
Delta R.T. -0.000 min
Lab File: BM047593.D
Acq: 20 Sep 2024 17:40

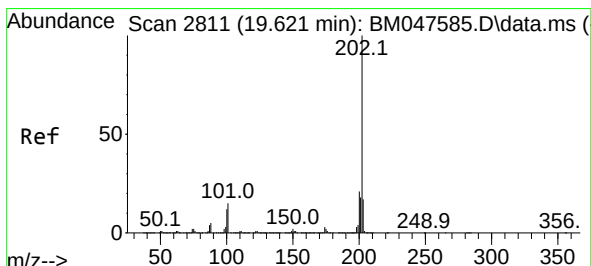
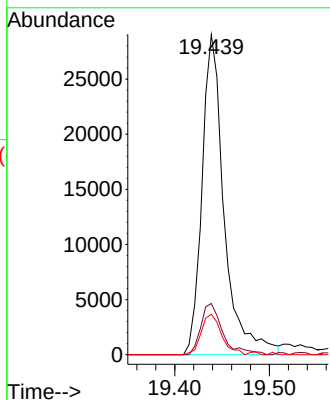
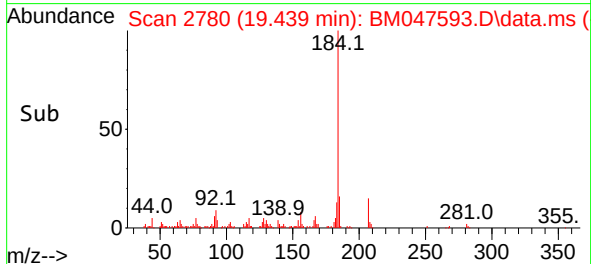
Instrument : BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2024



Tgt Ion:184 Resp: 47133
Ion Ratio Lower Upper
184 100
185 16.0 11.5 17.3
183 12.6 8.7 13.1

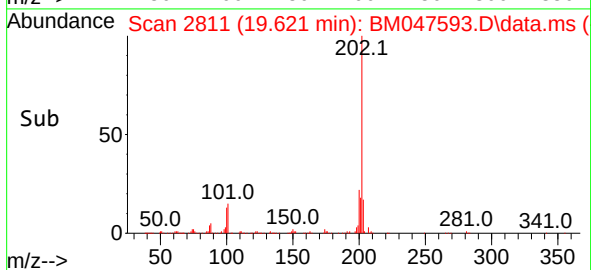
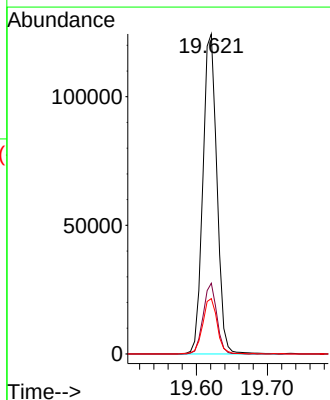
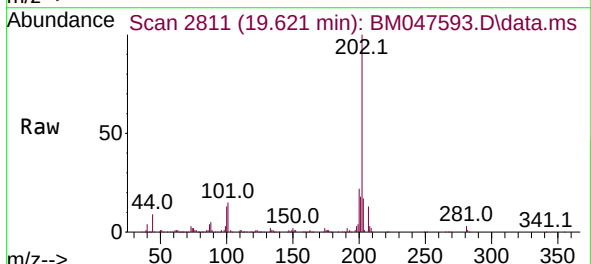
Manual Integrations
APPROVED

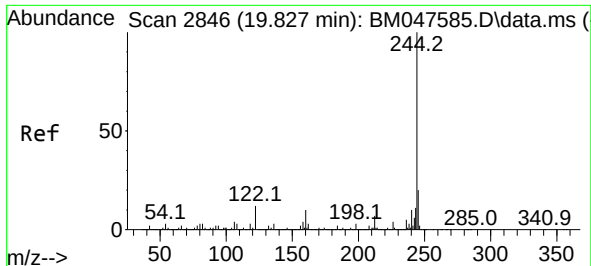
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/24/2024



#78
Pyrene
Concen: 2.428 ng
RT: 19.621 min Scan# 2811
Delta R.T. -0.000 min
Lab File: BM047593.D
Acq: 20 Sep 2024 17:40

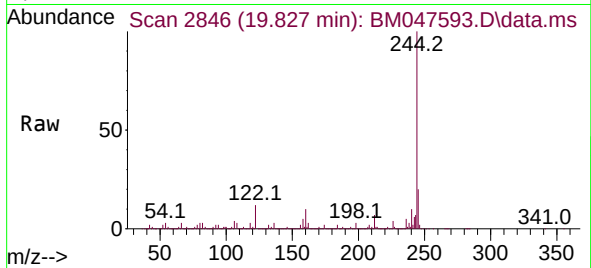
Tgt Ion:202 Resp: 171381
Ion Ratio Lower Upper
202 100
200 22.1 17.2 25.8
203 17.3 13.8 20.8





#79
 Terphenyl-d14
 Concen: 59.438 ng
 RT: 19.827 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM047593.D
 Acq: 20 Sep 2024 17:40

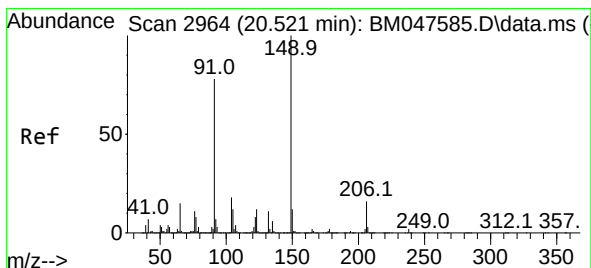
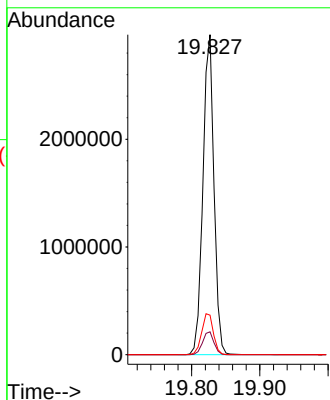
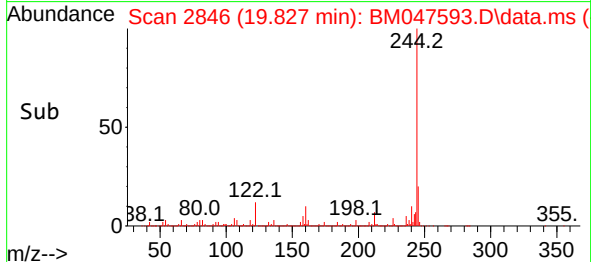
Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT2-2024



Tgt Ion:244 Resp: 334100
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 12.3 10.0 15.0

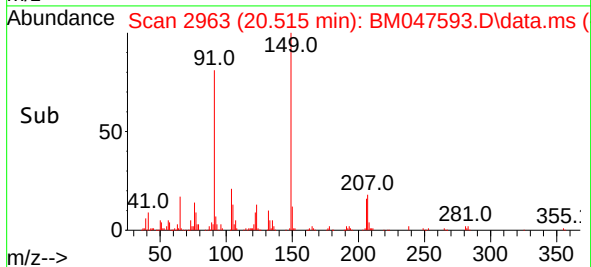
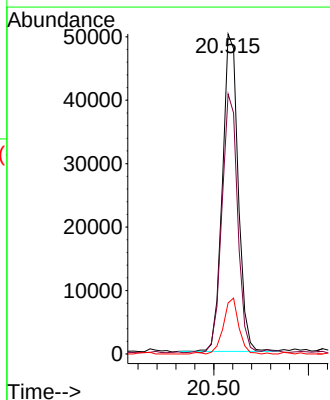
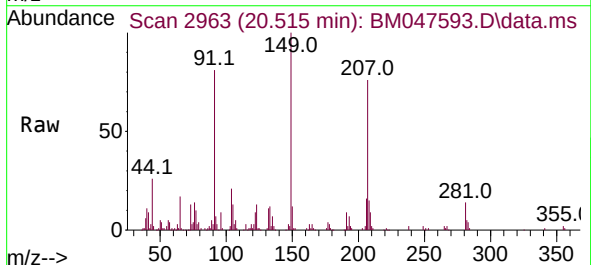
Manual Integrations
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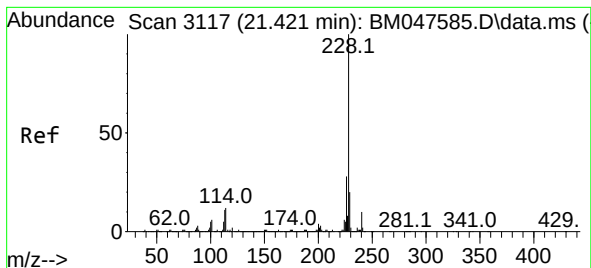
Reviewed By :Yogesh Patel 09/21/2024
 Supervised By :mohammad ahmed 09/24/2024



#80
 Butylbenzylphthalate
 Concen: 1.892 ng
 RT: 20.515 min Scan# 2963
 Delta R.T. -0.006 min
 Lab File: BM047593.D
 Acq: 20 Sep 2024 17:40

Tgt Ion:149 Resp: 58134
 Ion Ratio Lower Upper
 149 100
 91 81.3 62.3 93.5
 206 16.0 13.0 19.6





#81

Benzo(a)anthracene

Concen: 2.691 ng

RT: 21.415 min Scan# 3117

Delta R.T. -0.006 min

Lab File: BM047593.D

Acq: 20 Sep 2024 17:40

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2024

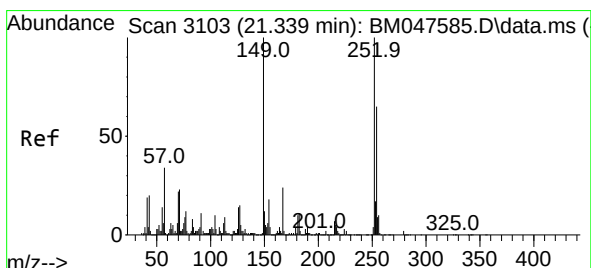
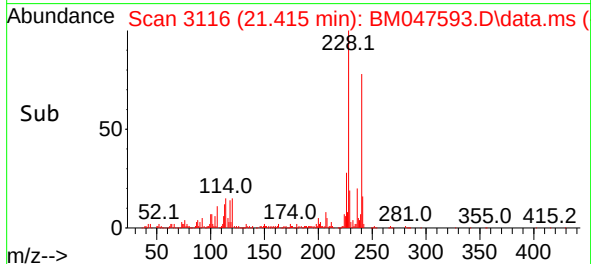
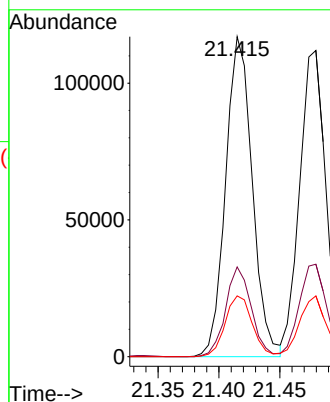
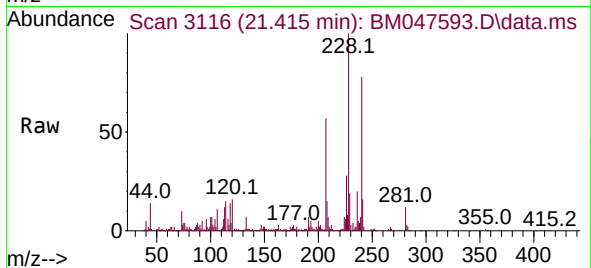
Tgt Ion:228 Resp: 178475
 Ion Ratio Lower Upper
 228 100
 226 28.0 22.4 33.6
 229 19.0 16.0 24.0

Manual Integrations

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Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/24/2024



#82

3,3'-Dichlorobenzidine

Concen: 2.202 ng

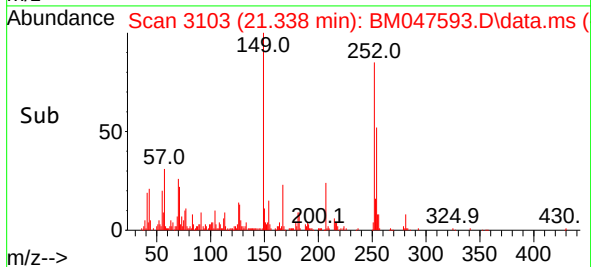
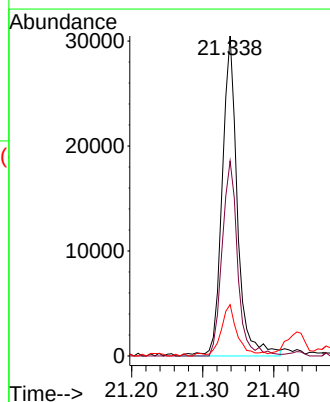
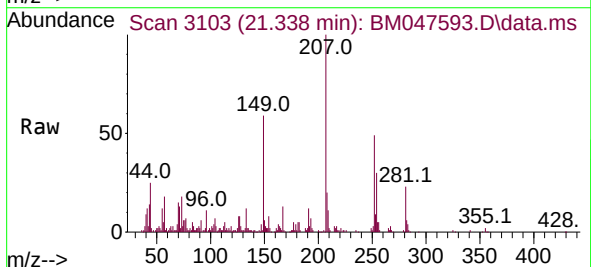
RT: 21.338 min Scan# 3103

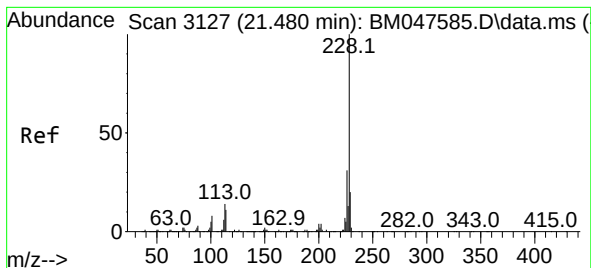
Delta R.T. -0.000 min

Lab File: BM047593.D

Acq: 20 Sep 2024 17:40

Tgt Ion:252 Resp: 45350
 Ion Ratio Lower Upper
 252 100
 254 60.9 52.3 78.5
 126 16.1 11.4 17.0





#83

Chrysene

Concen: 2.665 ng

RT: 21.480 min Scan# 3127

Delta R.T. -0.000 min

Lab File: BM047593.D

Acq: 20 Sep 2024 17:40

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2024

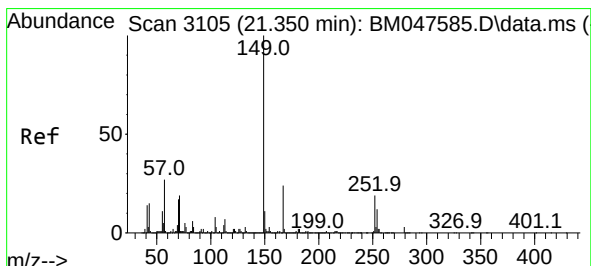
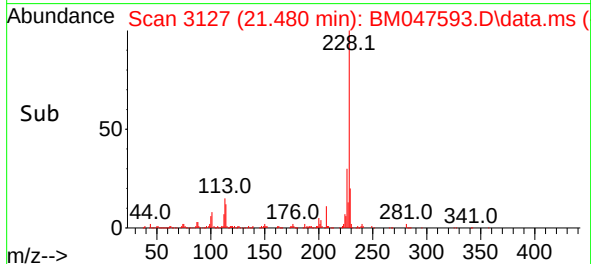
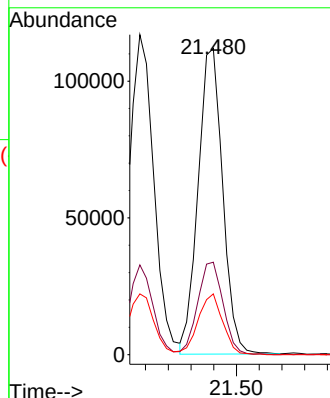
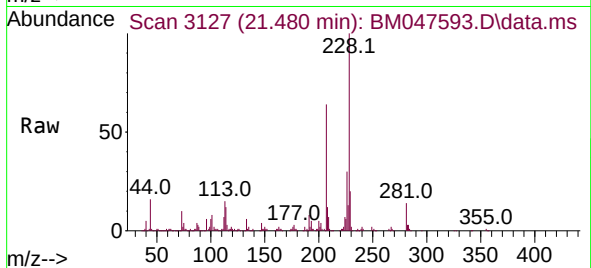
Tgt Ion:	228	Resp:	16806
Ion Ratio	Lower	Upper	
228	100		
226	30.2	24.9	37.3
229	19.9	15.8	23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/24/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 1.836 ng

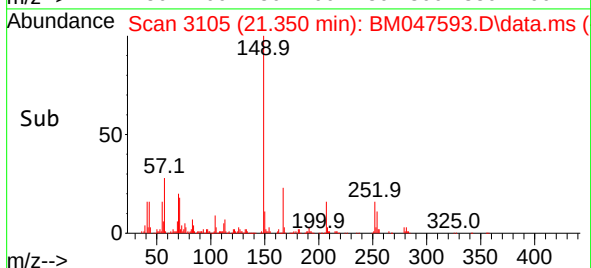
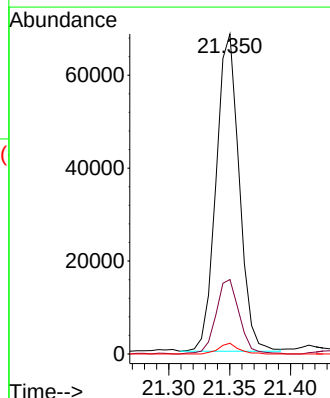
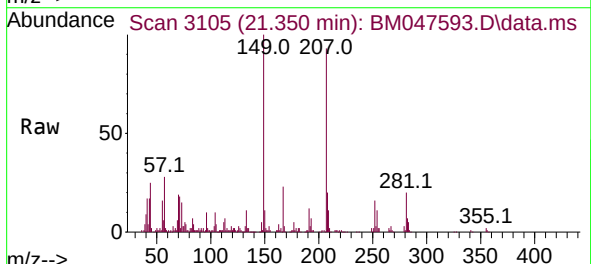
RT: 21.350 min Scan# 3105

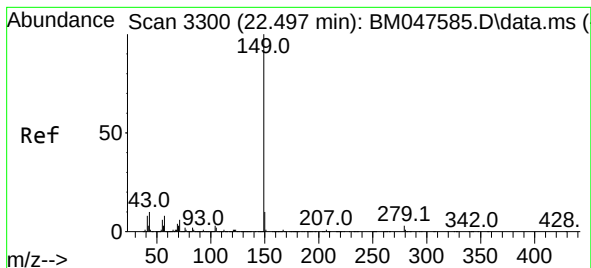
Delta R.T. -0.000 min

Lab File: BM047593.D

Acq: 20 Sep 2024 17:40

Tgt Ion:	149	Resp:	90224
Ion Ratio	Lower	Upper	
149	100		
167	23.3	19.5	29.3
279	3.4	2.3	3.5





#85

Di-n-octyl phthalate

Concen: 1.670 ng

RT: 22.491 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM047593.D

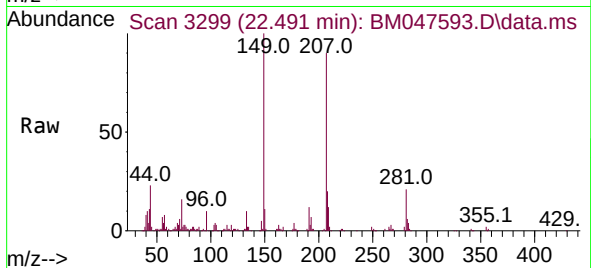
Acq: 20 Sep 2024 17:40

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2024



Tgt Ion:149 Resp: 12664

Ion Ratio Lower Upper

149 100

167 1.9 1.1 1.7

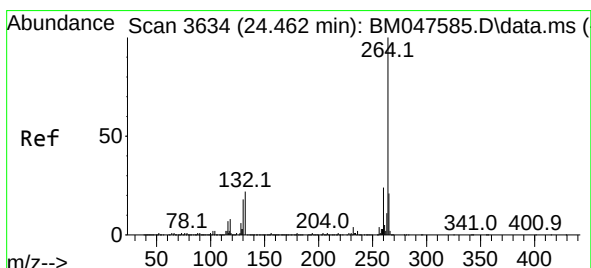
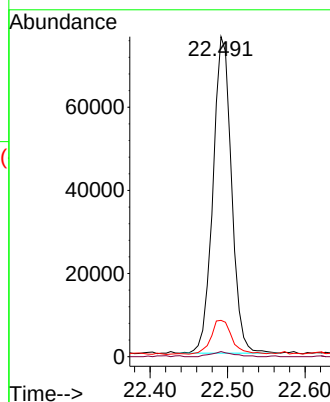
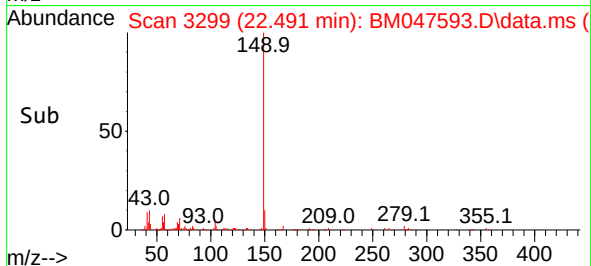
43 12.2 8.2 12.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/24/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.462 min Scan# 3634

Delta R.T. -0.000 min

Lab File: BM047593.D

Acq: 20 Sep 2024 17:40

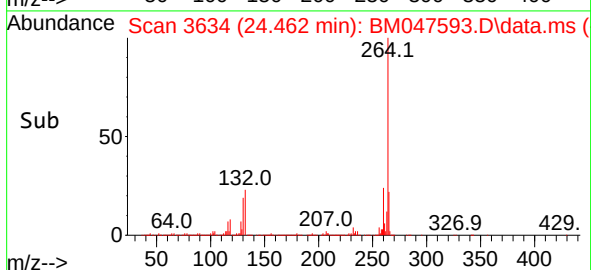
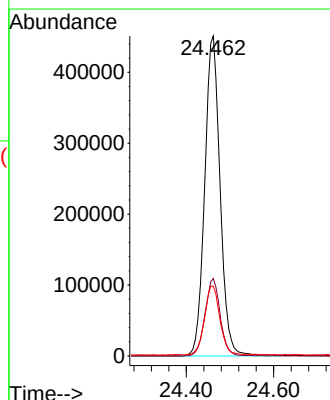
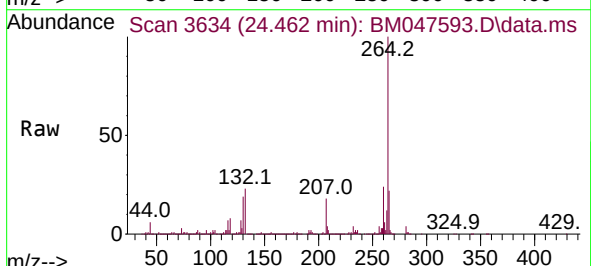
Tgt Ion:264 Resp: 1106352

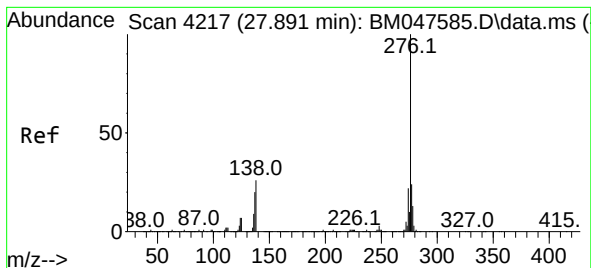
Ion Ratio Lower Upper

264 100

260 24.2 18.9 28.3

265 21.8 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 2.500 ng

RT: 27.867 min Scan# 4217

Delta R.T. -0.024 min

Lab File: BM047593.D

Acq: 20 Sep 2024 17:40

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2024

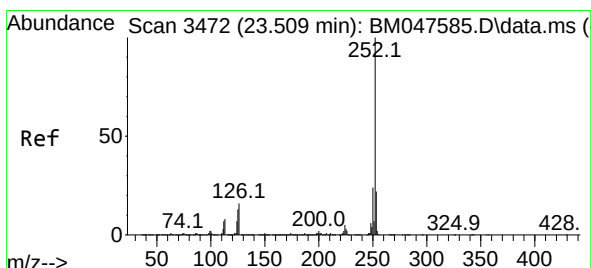
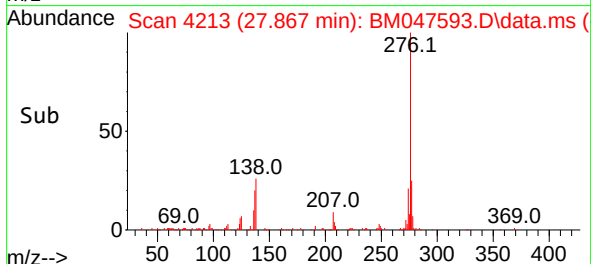
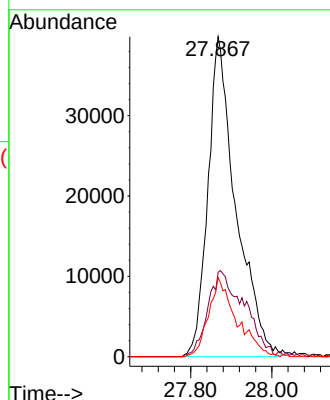
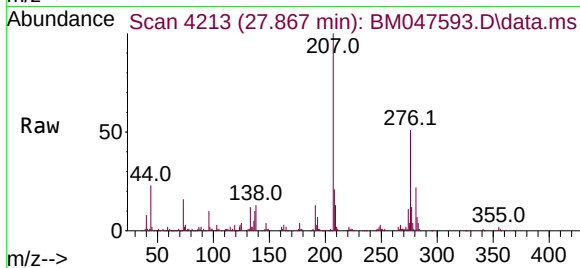
Tgt Ion:	276	Resp:	190160
Ion Ratio	Lower	Upper	
276	100		
138	34.8	18.1	27.1
277	24.8	20.0	30.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/24/2024



#88

Benzo(b)fluoranthene

Concen: 2.335 ng

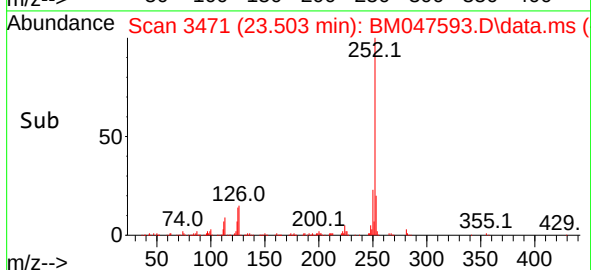
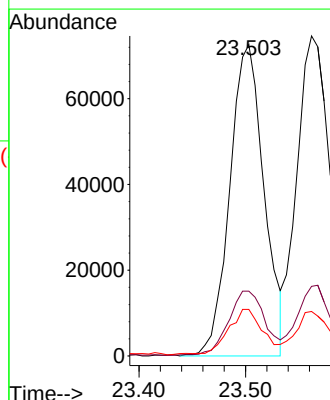
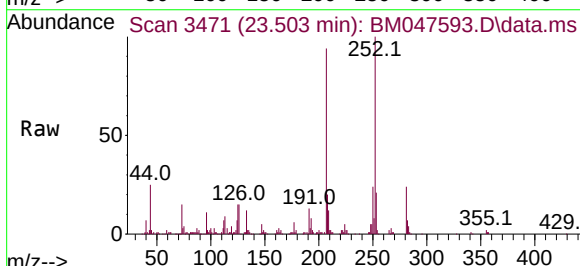
RT: 23.503 min Scan# 3471

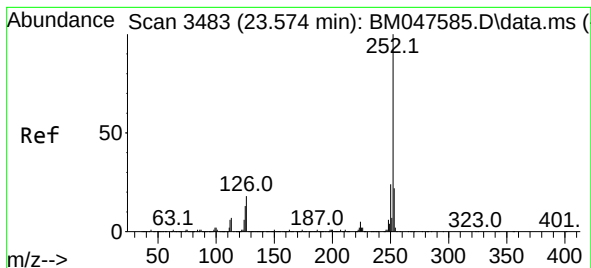
Delta R.T. -0.006 min

Lab File: BM047593.D

Acq: 20 Sep 2024 17:40

Tgt Ion:	252	Resp:	162351
Ion Ratio	Lower	Upper	
252	100		
253	20.8	17.4	26.0
125	14.9	10.2	15.2





#89

Benzo(k)fluoranthene

Concen: 2.389 ng

RT: 23.562 min Scan# 34

Delta R.T. -0.012 min

Lab File: BM047593.D

Acq: 20 Sep 2024 17:40

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2024

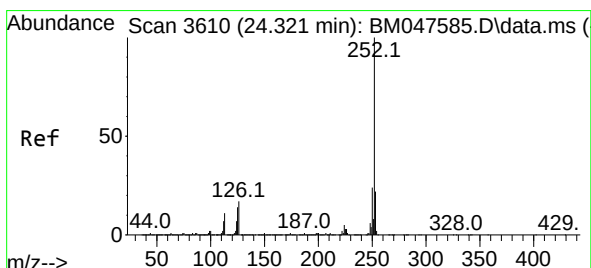
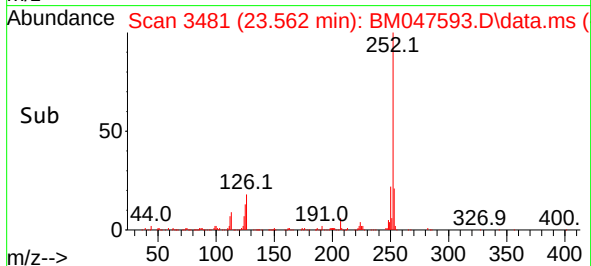
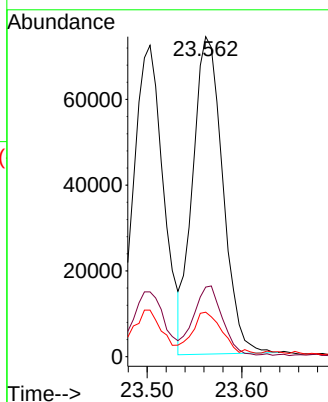
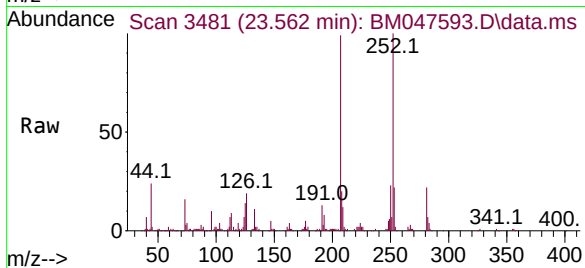
Tgt Ion:252 Resp: 16307
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.6 26.4
 125 13.9 10.2 15.4

Manual Integrations

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Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/24/2024



#90

Benzo(a)pyrene

Concen: 2.487 ng

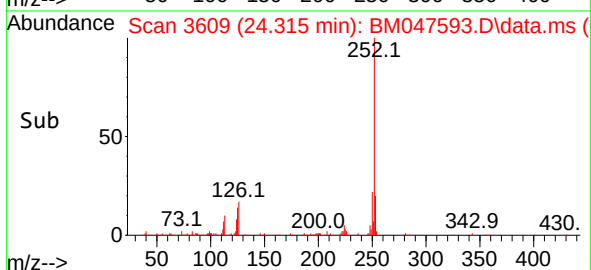
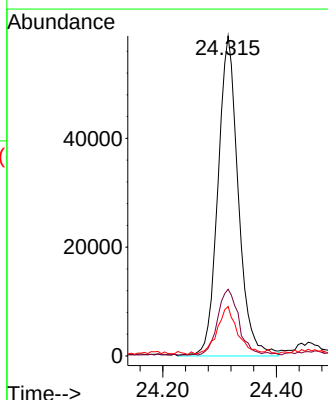
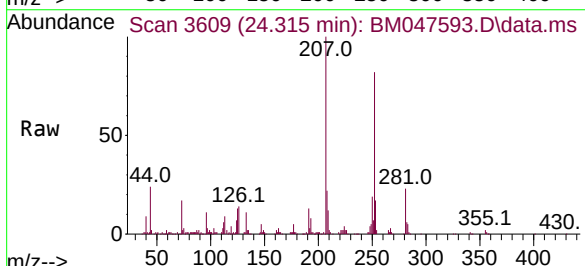
RT: 24.315 min Scan# 3609

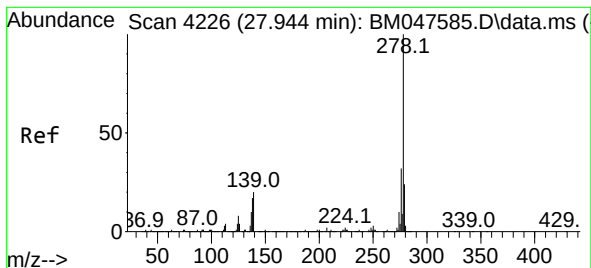
Delta R.T. -0.006 min

Lab File: BM047593.D

Acq: 20 Sep 2024 17:40

Tgt Ion:252 Resp: 146597
 Ion Ratio Lower Upper
 252 100
 253 20.9 17.4 26.0
 125 15.5 11.5 17.3





#91

Dibenzo(a,h)anthracene

Concen: 2.461 ng

RT: 27.932 min Scan# 4394

Delta R.T. -0.012 min

Lab File: BM047593.D

Acq: 20 Sep 2024 17:40

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2024

Tgt Ion:278 Resp: 156389

Ion Ratio Lower Upper

278 100

139 19.1 16.4 24.6

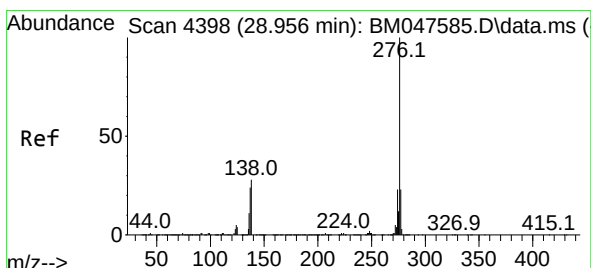
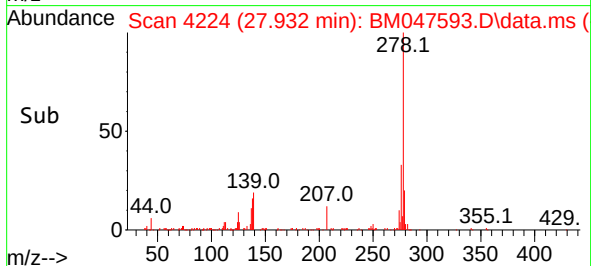
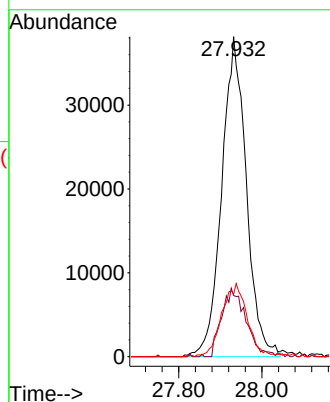
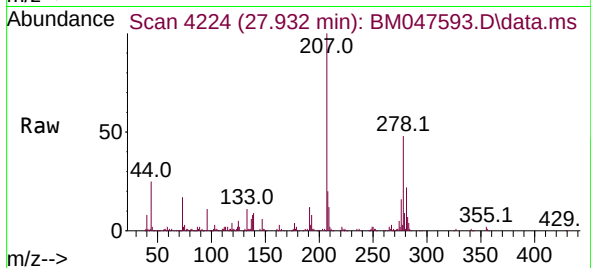
279 19.5 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/24/2024



#92

Benzo(g,h,i)perylene

Concen: 2.372 ng

RT: 28.932 min Scan# 4394

Delta R.T. -0.024 min

Lab File: BM047593.D

Acq: 20 Sep 2024 17:40

Tgt Ion:276 Resp: 151080

Ion Ratio Lower Upper

276 100

277 24.5 18.3 27.5

138 29.6 22.3 33.5

