

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081524\
 Data File : BP021511.D
 Acq On : 15 Aug 2024 12:43
 Operator : RC/JU
 Sample : P3390-09
 Misc : MDL-MDL-WATER-4ng
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Aug 15 13:10:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 14 00:00:30 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/16/2024
 Supervised By :mohammad ahmed 08/17/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	356883	20.000	ng	0.00
21) Naphthalene-d8	10.593	136	1465998	20.000	ng	0.00
39) Acenaphthene-d10	14.440	164	971108	20.000	ng	-0.02
64) Phenanthrene-d10	17.233	188	2174560	20.000	ng	-0.02
76) Chrysene-d12	21.680	240	2274673	20.000	ng	-0.02
86) Perylene-d12	25.092	264	2564034	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	3244026	134.972	ng	0.00
7) Phenol-d6	6.963	99	4561248	130.094	ng	0.00
23) Nitrobenzene-d5	8.952	82	2837922	99.918	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	1493952	138.226	ng	-0.02
45) 2-Fluorobiphenyl	13.057	172	5533381	86.961	ng	0.00
79) Terphenyl-d14	19.957	244	9287362	79.321	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.322	88	51324	4.504	ng	98
3) Pyridine	3.711	79	115687	3.636	ng	98
4) n-Nitrosodimethylamine	3.622	42	40021	4.185	ng	# 96
6) Aniline	7.128	93	163891	4.676	ng	96
8) 2-Chlorophenol	7.369	128	94409	4.251	ng	94
9) Benzaldehyde	6.946	77	122748	5.468	ng	97
10) Phenol	6.987	94	152860	4.210	ng	95
11) bis(2-Chloroethyl)ether	7.228	93	126188	4.107	ng	99
12) 1,3-Dichlorobenzene	7.699	146	108603	4.116	ng	99
13) 1,4-Dichlorobenzene	7.840	146	110263	4.139	ng	98
14) 1,2-Dichlorobenzene	8.158	146	104975	4.089	ng	97
15) Benzyl Alcohol	8.034	79	101017	4.016	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.322	45	121282	4.287	ng	99
17) 2-Methylphenol	8.234	107	88670	3.863	ng	98
18) Hexachloroethane	8.887	117	43288	4.052	ng	93
19) n-Nitroso-di-n-propyla...	8.599	70	94220	3.890	ng	97
20) 3+4-Methylphenols	8.557	107	117727	3.804	ng	96
22) Acetophenone	8.616	105	192681	4.278	ng	# 98
24) Nitrobenzene	8.987	77	145706	4.723	ng	98
25) Isophorone	9.516	82	266157	3.967	ng	99
26) 2-Nitrophenol	9.699	139	22162	4.964	ng	90
27) 2,4-Dimethylphenol	9.757	122	61970	3.742	ng	98
28) bis(2-Chloroethoxy)met...	9.999	93	167270	4.084	ng	98
29) 2,4-Dichlorophenol	10.234	162	70970	3.627	ng	95
30) 1,2,4-Trichlorobenzene	10.457	180	104018	4.147	ng	95
31) Naphthalene	10.646	128	320154	4.180	ng	99
32) Benzoic acid	9.799	122	24005m	6.343	ng	
33) 4-Chloroaniline	10.740	127	120813	4.200	ng	97
34) Hexachlorobutadiene	10.946	225	60512	3.831	ng	100
35) Caprolactam	11.475	113	30519	3.748	ng	88
36) 4-Chloro-3-methylphenol	11.863	107	100954	3.720	ng	94
37) 2-Methylnaphthalene	12.257	142	207291	3.966	ng	98
38) 1-Methylnaphthalene	12.475	142	198475	3.850	ng	97
40) 1,2,4,5-Tetrachloroben...	12.628	216	119827	4.211	ng	99
41) Hexachlorocyclopentadiene	12.616	237	32596	3.615	ng	97
43) 2,4,6-Trichlorophenol	12.857	196	54002	3.417	ng	97

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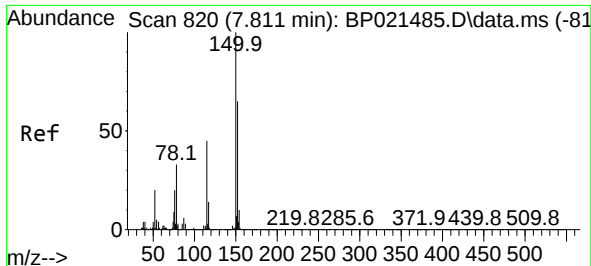
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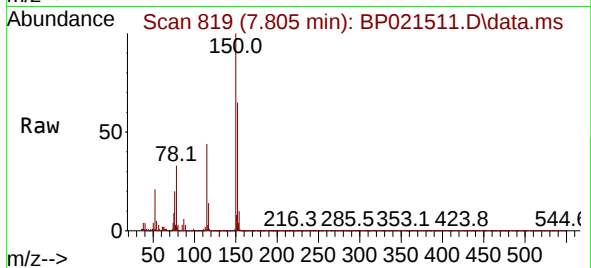
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.928	196	62713	3.571	ng	97
46) 1,1'-Biphenyl	13.269	154	294433	4.285	ng	99
47) 2-Chloronaphthalene	13.310	162	219014	4.094	ng	99
48) 2-Nitroaniline	13.498	65	44742	7.812	ng	96
49) Acenaphthylene	14.157	152	338005	4.298	ng	99
50) Dimethylphthalate	13.893	163	276541	4.252	ng	99
51) 2,6-Dinitrotoluene	13.998	165	38659	6.687	ng	# 82
52) Acenaphthene	14.504	154	208323	4.038	ng	98
53) 3-Nitroaniline	14.328	138	40975	6.883	ng	# 87
54) 2,4-Dinitrophenol	14.534	184	9479	6.206	ng	# 79
55) Dibenzofuran	14.839	168	344284	4.338	ng	100
56) 4-Nitrophenol	14.628	139	30096	7.692	ng	92
57) 2,4-Dinitrotoluene	14.792	165	41412	7.244	ng	95
58) Fluorene	15.504	166	276327	4.238	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.069	232	54261	3.640	ng	96
60) Diethylphthalate	15.275	149	271350	4.067	ng	99
61) 4-Chlorophenyl-phenyle...	15.498	204	141278	4.192	ng	99
62) 4-Nitroaniline	15.498	138	42542	5.947	ng	# 79
63) Azobenzene	15.798	77	348885	4.253	ng	98
65) 4,6-Dinitro-2-methylph...	15.569	198	14162	7.352	ng	90
66) n-Nitrosodiphenylamine	15.710	169	232508	3.990	ng	99
67) 4-Bromophenyl-phenylether	16.410	248	80032	3.477	ng	99
68) Hexachlorobenzene	16.528	284	106403	3.912	ng	97
69) Atrazine	16.686	200	81306	4.064	ng	100
70) Pentachlorophenol	16.875	266	41045	2.765	ng	96
71) Phenanthrene	17.275	178	453059	4.332	ng	100
72) Anthracene	17.369	178	419961	4.095	ng	99
73) Carbazole	17.639	167	401758	4.065	ng	98
74) Di-n-butylphthalate	18.251	149	419758	3.458	ng	99
75) Fluoranthene	19.357	202	513652	4.003	ng	100
77) Benzidine	19.545	184	159632	6.883	ng	100
78) Pyrene	19.733	202	558440	3.756	ng	100
80) Butylbenzylphthalate	20.686	149	126141	5.670	ng	94
81) Benzo(a)anthracene	21.663	228	587967	4.118	ng	99
82) 3,3'-Dichlorobenzidine	21.580	252	167908	3.667	ng	99
83) Chrysene	21.733	228	550631	4.084	ng	100
84) Bis(2-ethylhexyl)phtha...	21.627	149	253922	3.009	ng	100
85) Di-n-octyl phthalate	22.939	149	312488	6.732	ng	# 95
87) Indeno(1,2,3-cd)pyrene	28.927	276	609791m	3.669	ng	
88) Benzo(b)fluoranthene	24.004	252	544280	3.696	ng	99
89) Benzo(k)fluoranthene	24.080	252	546052	3.801	ng	98
90) Benzo(a)pyrene	24.921	252	482964	3.779	ng	99
91) Dibenzo(a,h)anthracene	29.027	278	512650	3.712	ng	99
92) Benzo(g,h,i)perylene	30.121	276	502111	3.628	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.805 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP021511.D
Acq: 15 Aug 2024 12:43

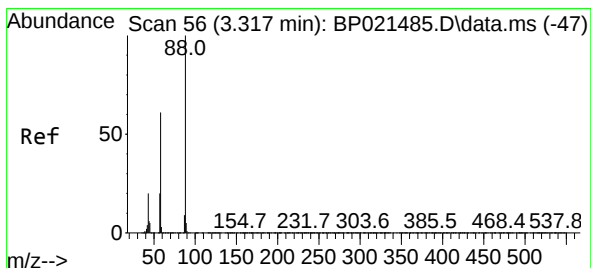
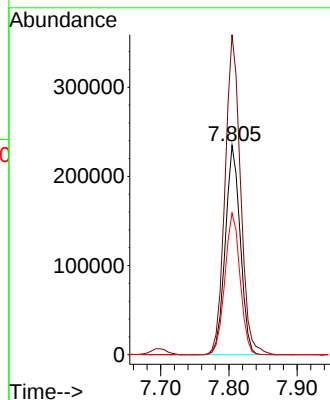
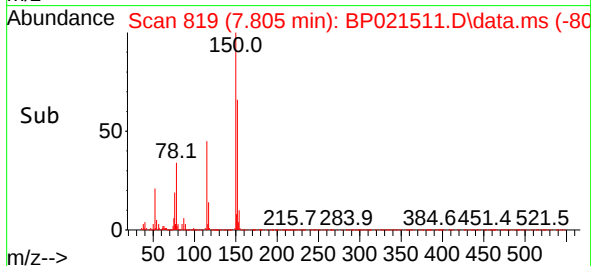
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT3-2024



Tgt Ion: 152 Resp: 35688
Ion Ratio Lower Upper
152 100
150 153.0 122.4 183.6
115 67.7 54.7 82.1

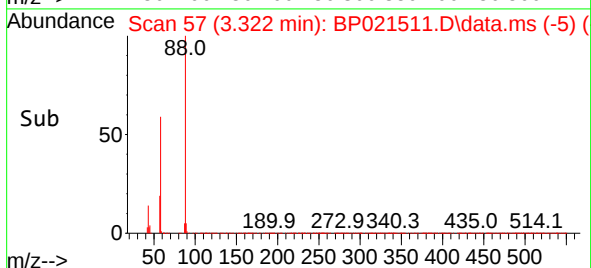
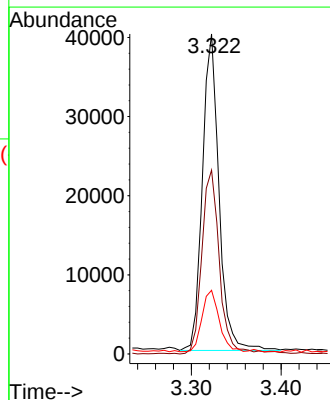
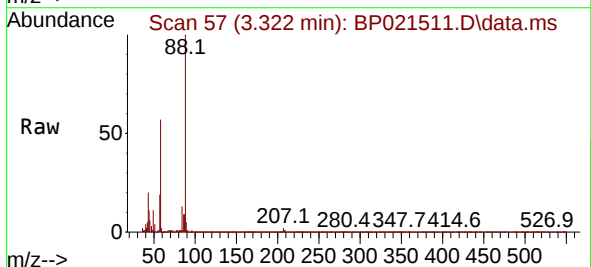
Manual Integrations
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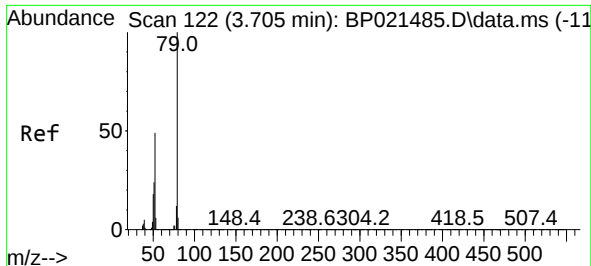
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#2
1,4-Dioxane
Concen: 4.504 ng
RT: 3.322 min Scan# 57
Delta R.T. 0.006 min
Lab File: BP021511.D
Acq: 15 Aug 2024 12:43

Tgt Ion: 88 Resp: 51324
Ion Ratio Lower Upper
88 100
58 62.1 48.7 73.1
43 20.1 15.4 23.2





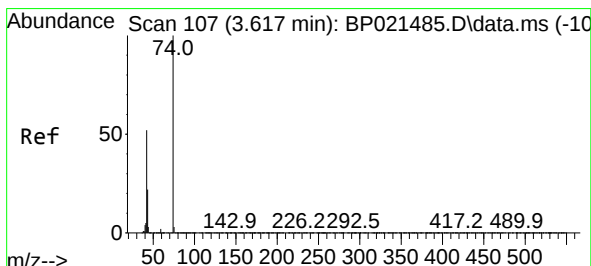
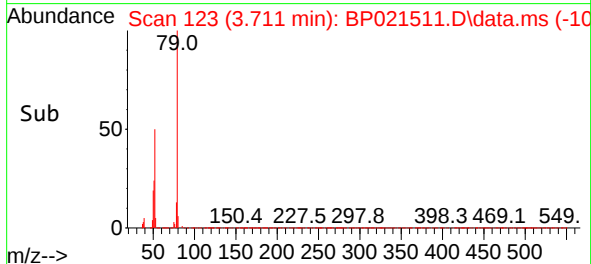
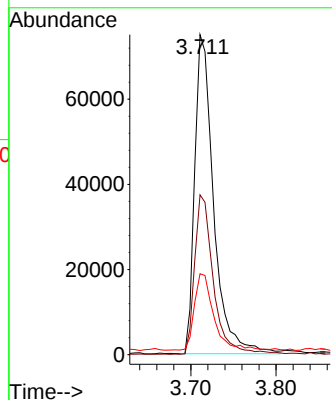
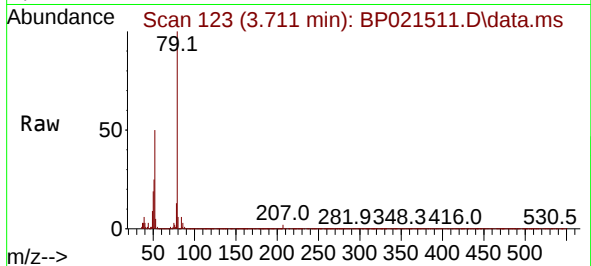
#3
Pyridine
Concen: 3.636 ng
RT: 3.711 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP021511.D
Acq: 15 Aug 2024 12:43

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

Tgt Ion: 79 Resp: 11568
Ion Ratio Lower Upper
79 100
52 49.9 39.0 58.6
51 25.3 19.2 28.8

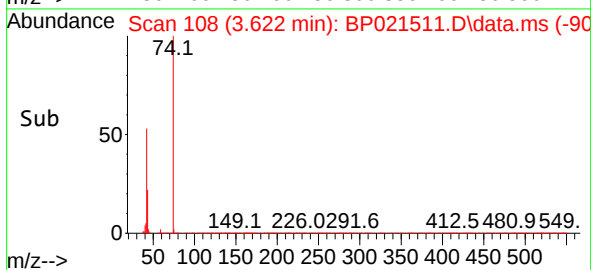
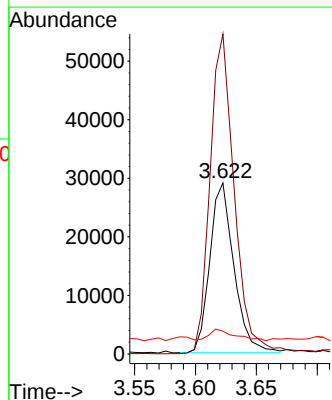
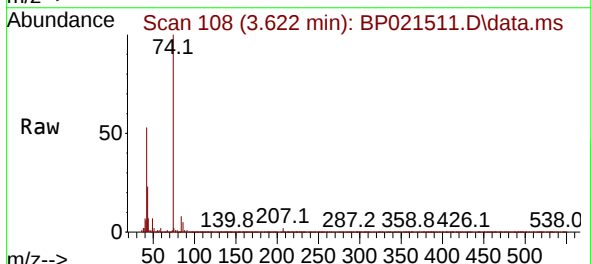
Manual Integrations
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Supervised By :mohammad ahmed 08/17/2024



#4
n-Nitrosodimethylamine
Concen: 4.185 ng
RT: 3.622 min Scan# 108
Delta R.T. 0.006 min
Lab File: BP021511.D
Acq: 15 Aug 2024 12:43

Tgt Ion: 42 Resp: 40021
Ion Ratio Lower Upper
42 100
74 187.1 154.3 231.5
44 13.3 6.2 9.4#





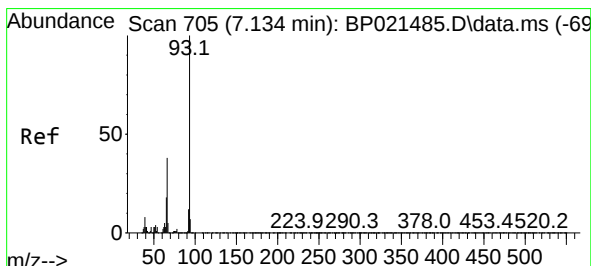
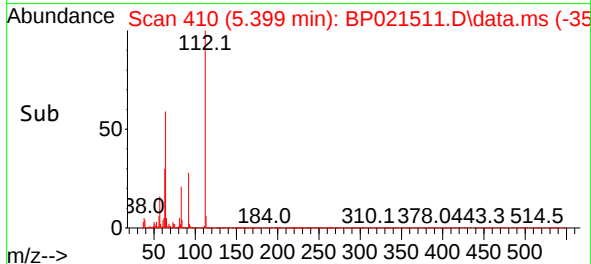
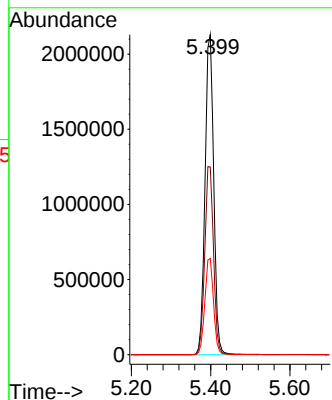
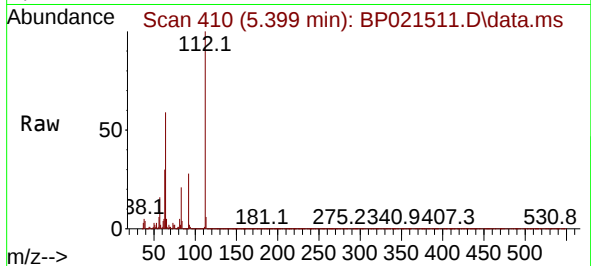
#5
2-Fluorophenol
Concen: 134.972 ng
RT: 5.399 min Scan# 411
Delta R.T. 0.006 min
Lab File: BP021511.D
Acq: 15 Aug 2024 12:43

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

Tgt Ion:112 Resp: 3244020
Ion Ratio Lower Upper
112 100
64 58.7 49.0 73.6
63 30.0 24.6 36.8

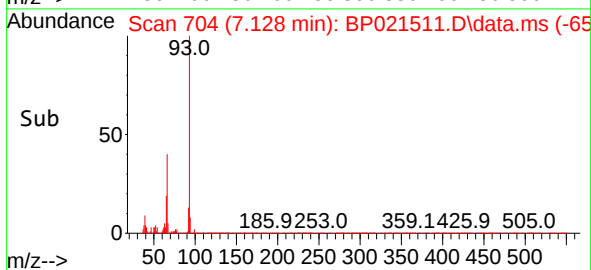
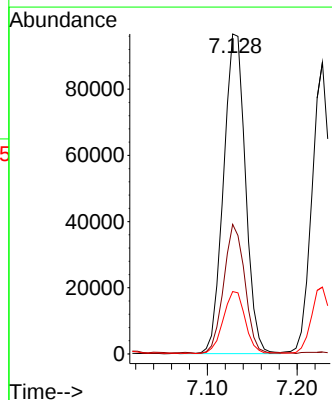
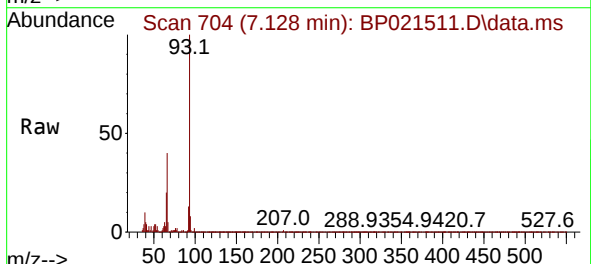
Manual Integrations
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Supervised By :mohammad ahmed 08/17/2024



#6
Aniline
Concen: 4.676 ng
RT: 7.128 min Scan# 704
Delta R.T. -0.006 min
Lab File: BP021511.D
Acq: 15 Aug 2024 12:43

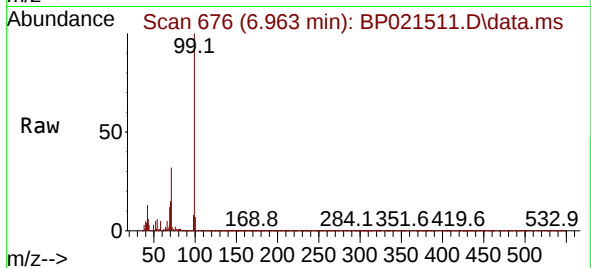
Tgt Ion: 93 Resp: 163891
Ion Ratio Lower Upper
93 100
66 40.5 30.2 45.2
65 19.5 14.7 22.1





#7
Phenol-d6
Concen: 130.094 ng
RT: 6.963 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP021511.D
Acq: 15 Aug 2024 12:43

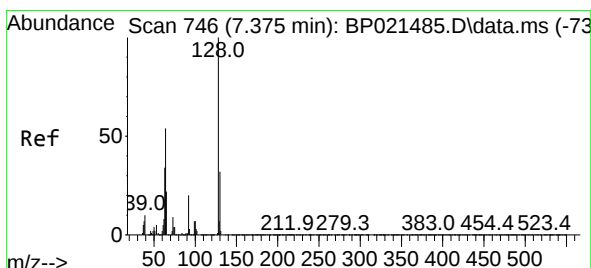
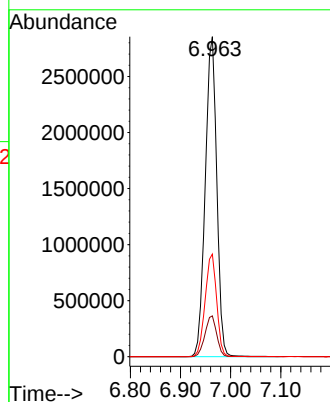
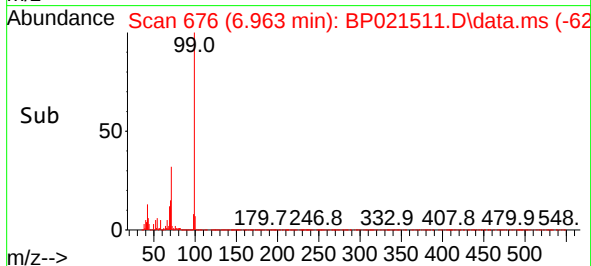
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT3-2024



Tgt Ion: 99 Resp: 456124
Ion Ratio Lower Upper
99 100
42 12.8 10.2 15.4
71 32.1 25.8 38.8

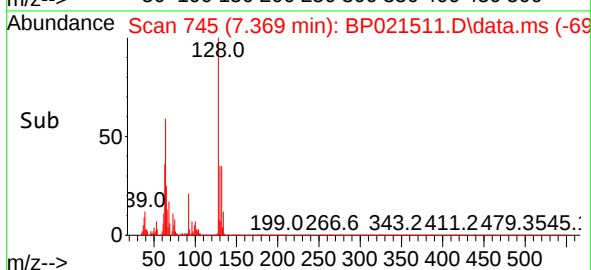
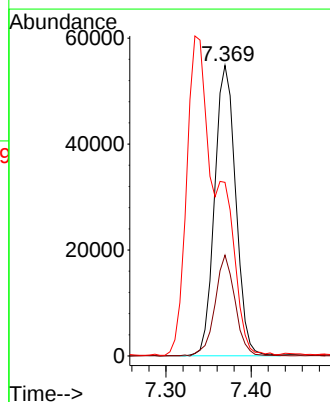
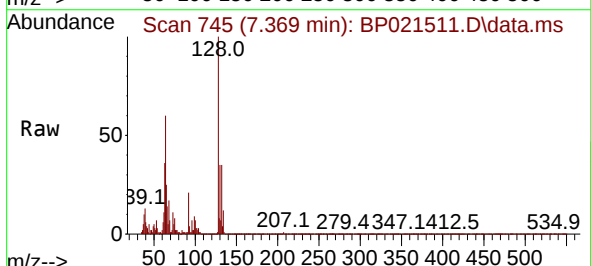
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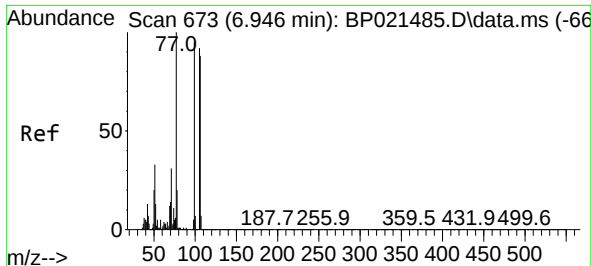
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#8
2-Chlorophenol
Concen: 4.251 ng
RT: 7.369 min Scan# 745
Delta R.T. -0.006 min
Lab File: BP021511.D
Acq: 15 Aug 2024 12:43

Tgt Ion:128 Resp: 94409
Ion Ratio Lower Upper
128 100
130 34.7 11.6 51.6
64 59.8 35.3 75.3





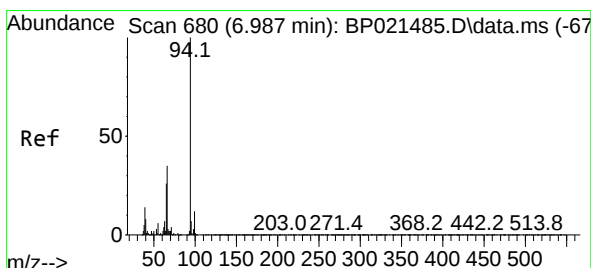
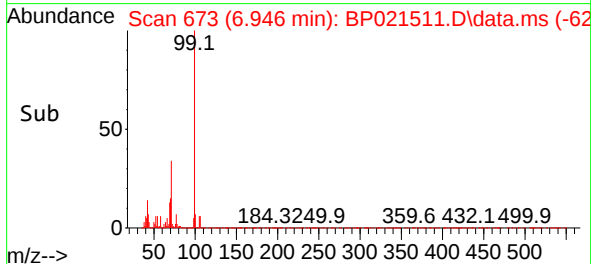
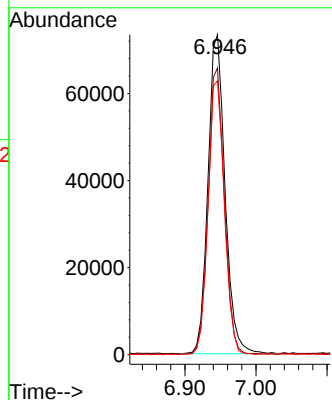
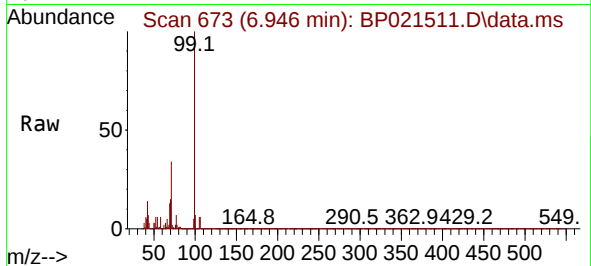
#9
Benzaldehyde
Concen: 5.468 ng
RT: 6.946 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP021511.D
Acq: 15 Aug 2024 12:43

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

Tgt Ion: 77 Resp: 122748
Ion Ratio Lower Upper
77 100
105 89.6 72.1 112.1
106 85.7 67.9 107.9

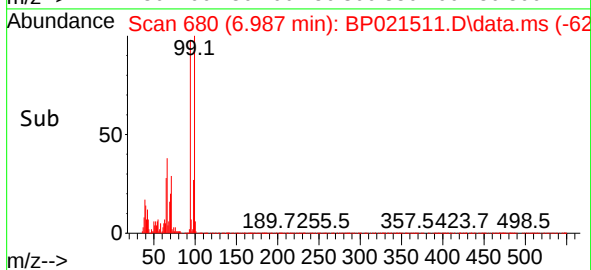
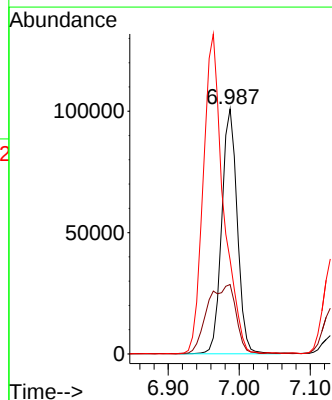
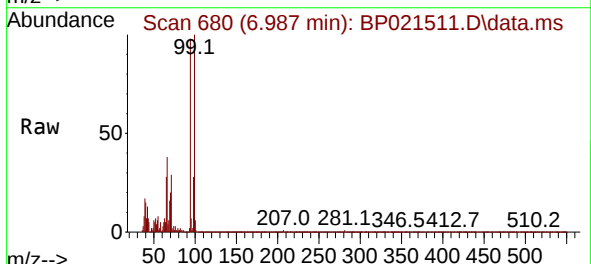
Manual Integrations
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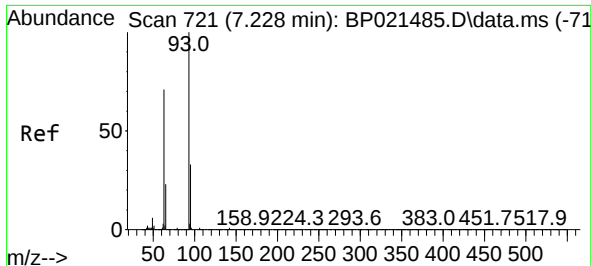
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#10
Phenol
Concen: 4.210 ng
RT: 6.987 min Scan# 680
Delta R.T. -0.000 min
Lab File: BP021511.D
Acq: 15 Aug 2024 12:43

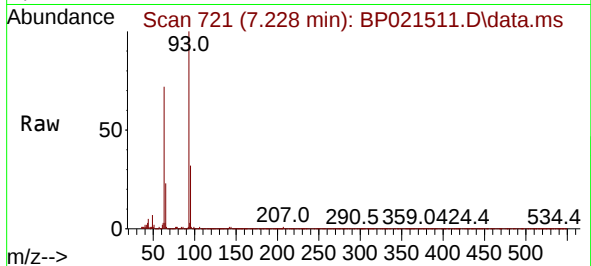
Tgt Ion: 94 Resp: 152860
Ion Ratio Lower Upper
94 100
65 28.3 6.5 46.5
66 38.3 14.7 54.7





#11
bis(2-Chloroethyl)ether
Concen: 4.107 ng
RT: 7.228 min Scan# 721
Delta R.T. -0.000 min
Lab File: BP021511.D
Acq: 15 Aug 2024 12:43

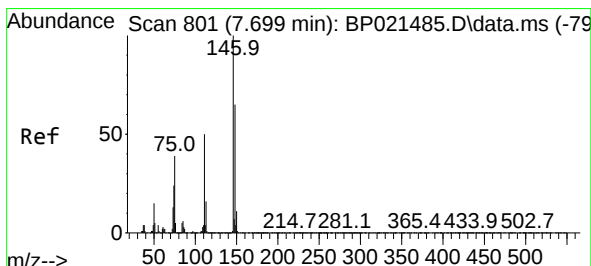
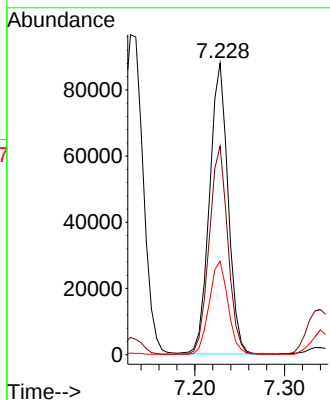
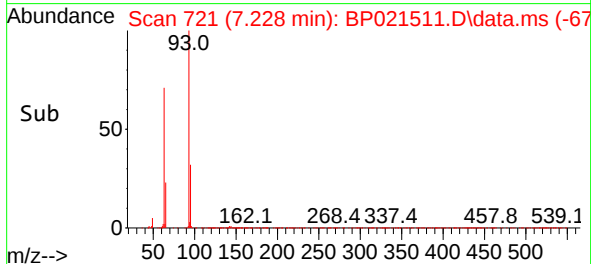
Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT3-2024



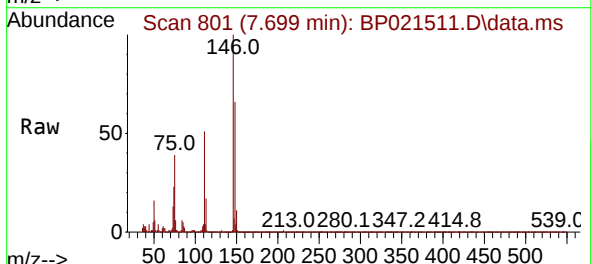
Tgt Ion: 93 Resp: 126188
Ion Ratio Lower Upper
93 100
63 71.6 51.0 91.0
95 32.1 12.9 52.9

Manual Integrations
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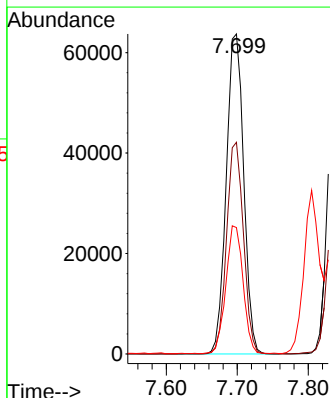
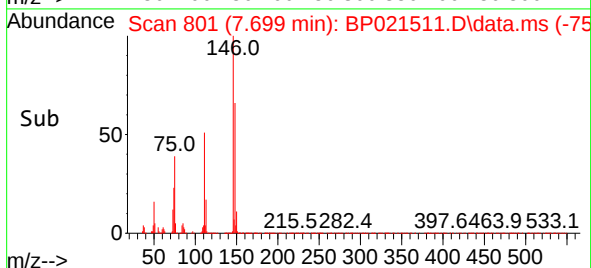
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024

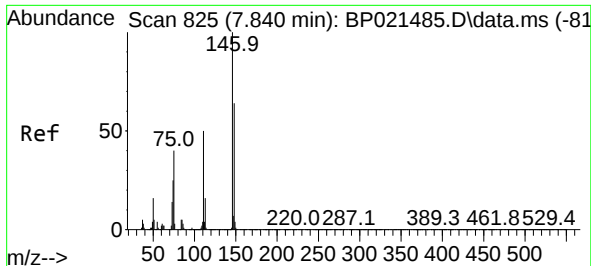


#12
1,3-Dichlorobenzene
Concen: 4.116 ng
RT: 7.699 min Scan# 801
Delta R.T. -0.000 min
Lab File: BP021511.D
Acq: 15 Aug 2024 12:43



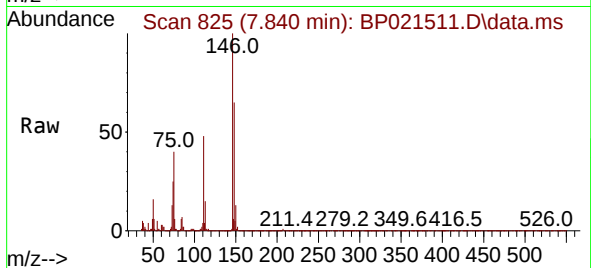
Tgt Ion:146 Resp: 108603
Ion Ratio Lower Upper
146 100
148 66.1 51.8 77.6
75 39.5 31.3 46.9





#13
1,4-Dichlorobenzene
Concen: 4.139 ng
RT: 7.840 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP021511.D
Acq: 15 Aug 2024 12:43

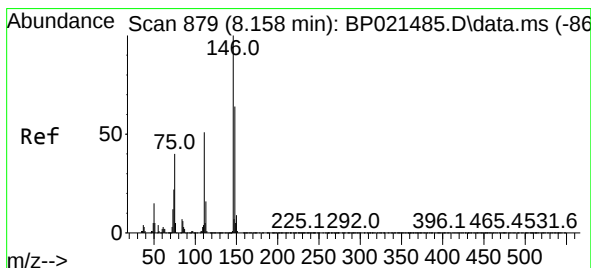
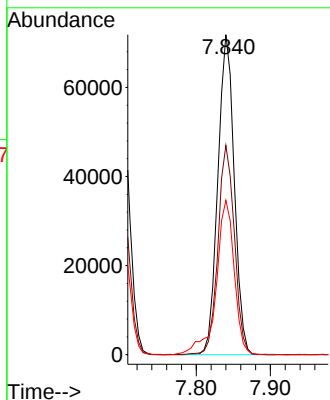
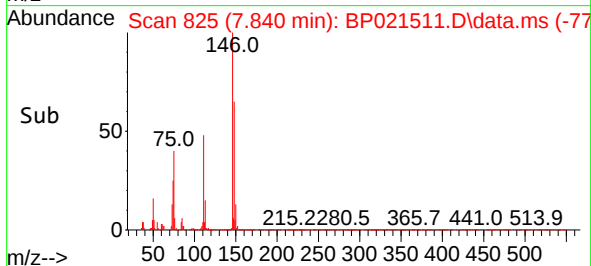
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT3-2024



Tgt Ion:146 Resp: 11026
Ion Ratio Lower Upper
146 100
148 65.4 51.5 77.3
111 48.2 40.3 60.5

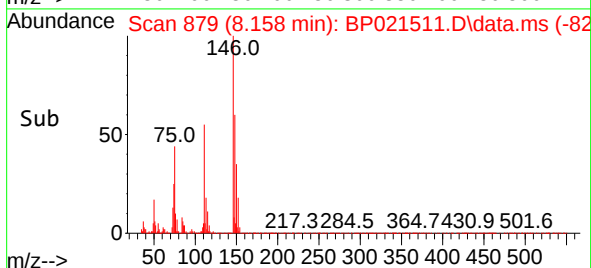
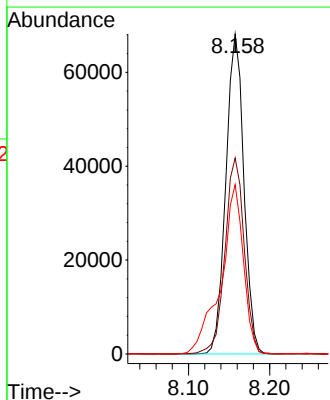
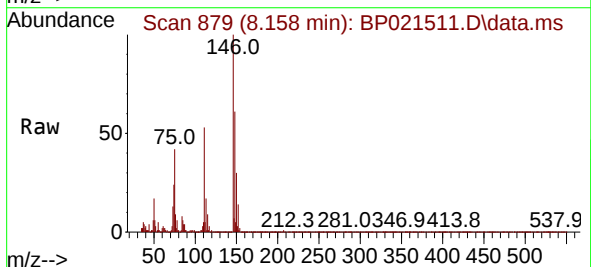
Manual Integrations
APPROVED

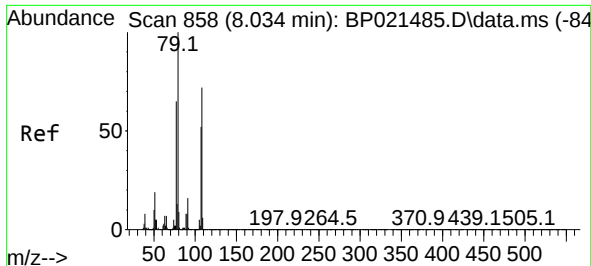
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#14
1,2-Dichlorobenzene
Concen: 4.089 ng
RT: 8.158 min Scan# 879
Delta R.T. -0.000 min
Lab File: BP021511.D
Acq: 15 Aug 2024 12:43

Tgt Ion:146 Resp: 104975
Ion Ratio Lower Upper
146 100
148 61.2 51.5 77.3
111 52.9 41.1 61.7





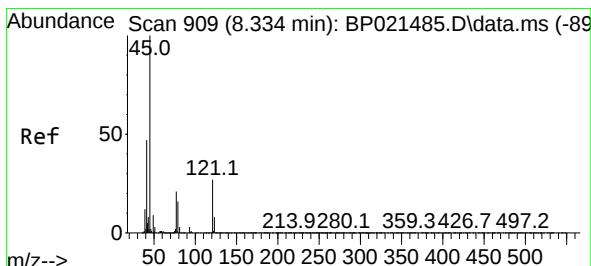
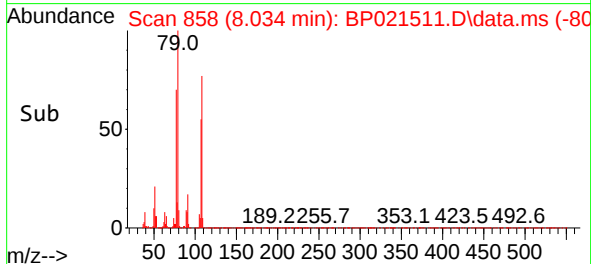
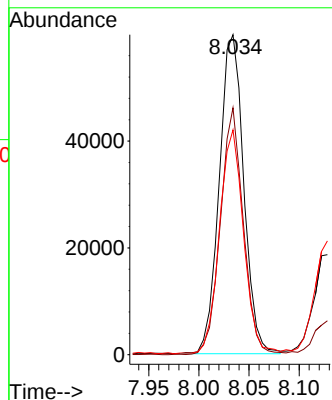
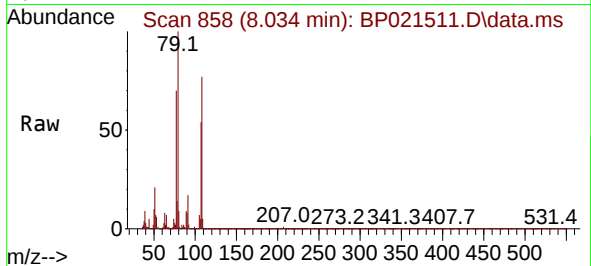
#15
Benzyl Alcohol
Concen: 4.016 ng
RT: 8.034 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP021511.D
Acq: 15 Aug 2024 12:43

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

Tgt Ion: 79 Resp: 10101
Ion Ratio Lower Upper
79 100
108 77.2 57.9 86.9
77 70.2 51.8 77.8

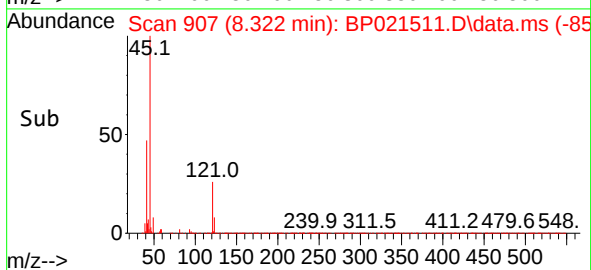
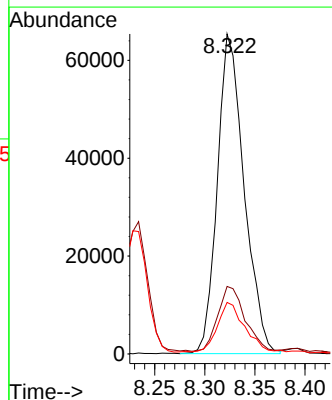
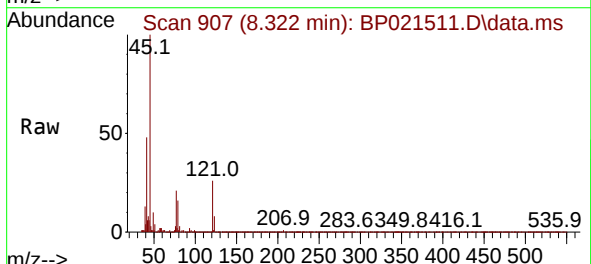
Manual Integrations
APPROVED

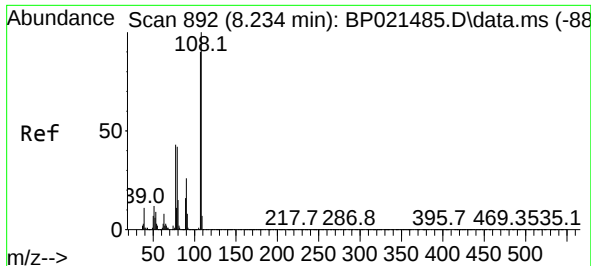
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.287 ng
RT: 8.322 min Scan# 907
Delta R.T. -0.012 min
Lab File: BP021511.D
Acq: 15 Aug 2024 12:43

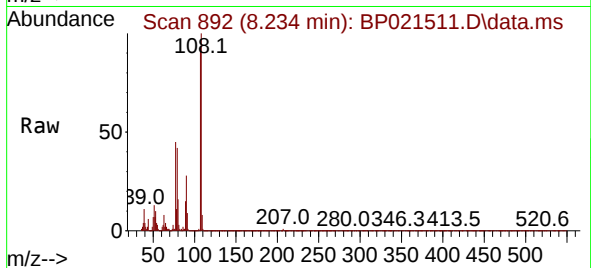
Tgt Ion: 45 Resp: 121282
Ion Ratio Lower Upper
45 100
77 21.1 1.9 41.9
79 16.1 0.0 36.6





#17
2-Methylphenol
Concen: 3.863 ng
RT: 8.234 min Scan# 892
Delta R.T. -0.000 min
Lab File: BP021511.D
Acq: 15 Aug 2024 12:43

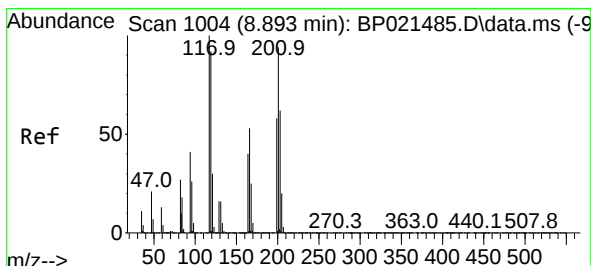
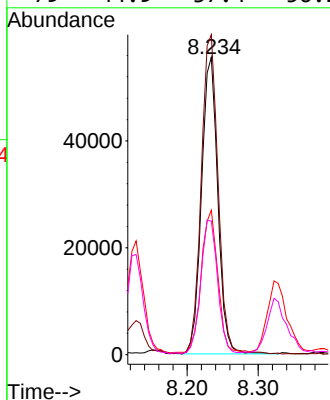
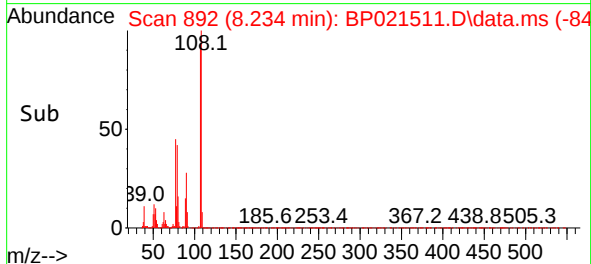
Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT3-2024



Tgt Ion:	107	Resp:	88670
Ion Ratio	Lower	Upper	
107	100		
108	107.6	88.8	133.2
77	48.6	38.7	58.1
79	44.9	37.4	56.2

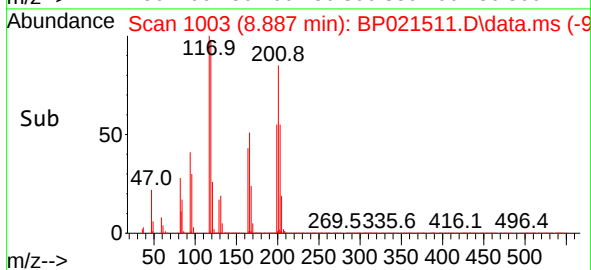
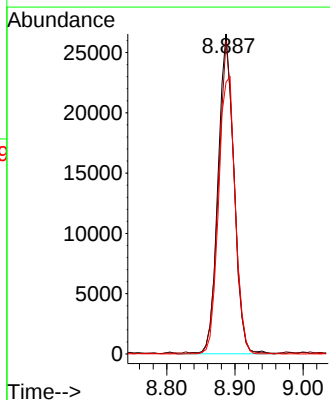
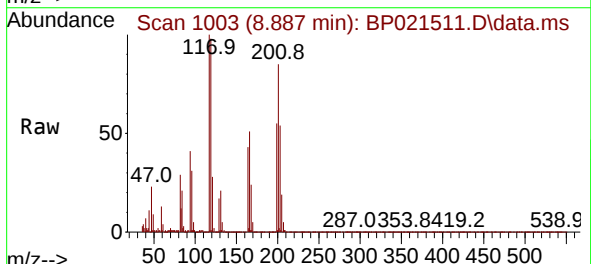
Manual Integrations
APPROVED

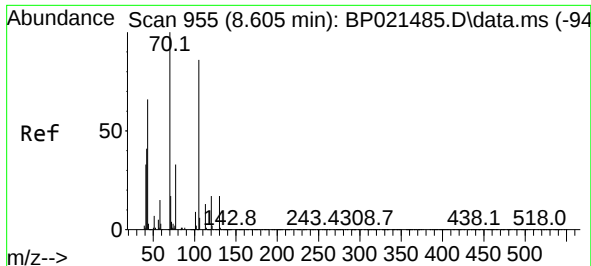
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#18
Hexachloroethane
Concen: 4.052 ng
RT: 8.887 min Scan# 1003
Delta R.T. -0.006 min
Lab File: BP021511.D
Acq: 15 Aug 2024 12:43

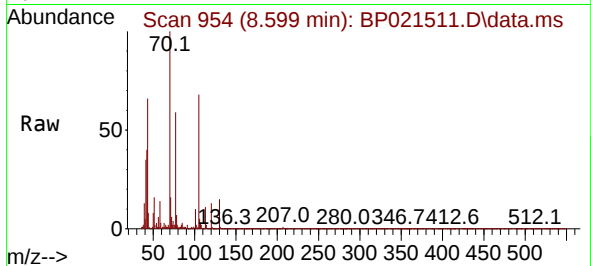
Tgt Ion:	117	Resp:	43288
Ion Ratio	Lower	Upper	
117	100		
119	97.9	73.9	110.9
201	84.9	74.9	112.3





#19
n-Nitroso-di-n-propylamine
Concen: 3.890 ng
RT: 8.599 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP021511.D
Acq: 15 Aug 2024 12:43

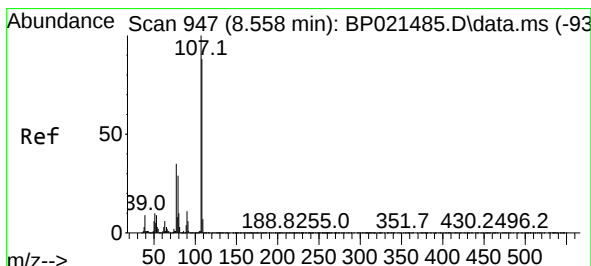
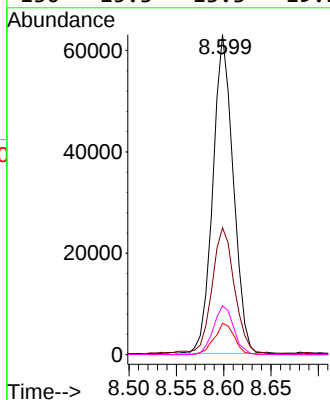
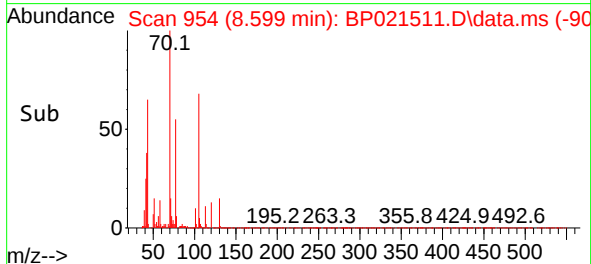
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT3-2024



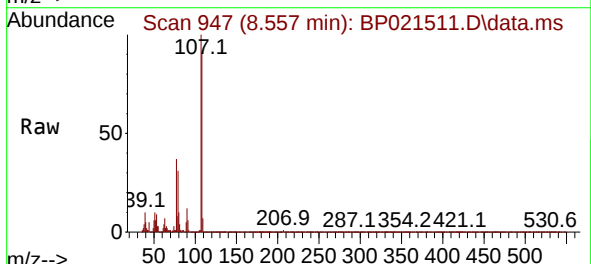
Tgt Ion:	70	Resp:	94220
Ion	Ratio	Lower	Upper
70	100		
42	39.7	33.1	49.7
101	9.8	7.4	11.2
130	15.3	13.3	19.9

Manual Integrations
APPROVED

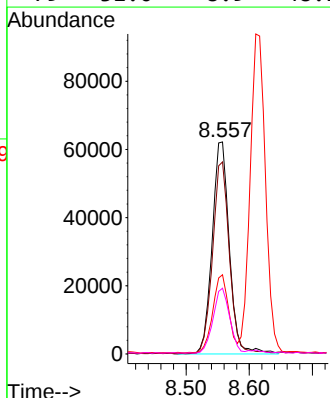
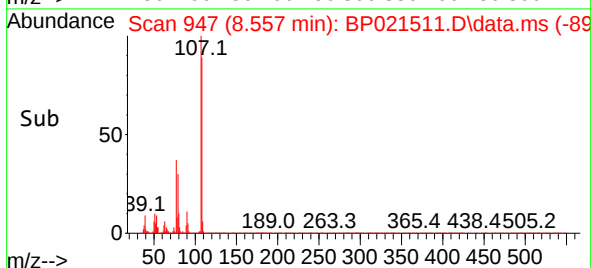
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024

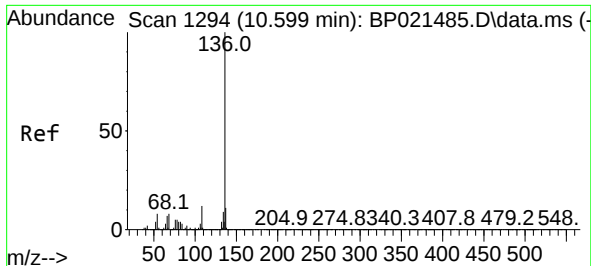


#20
3+4-Methylphenols
Concen: 3.804 ng
RT: 8.557 min Scan# 947
Delta R.T. -0.000 min
Lab File: BP021511.D
Acq: 15 Aug 2024 12:43



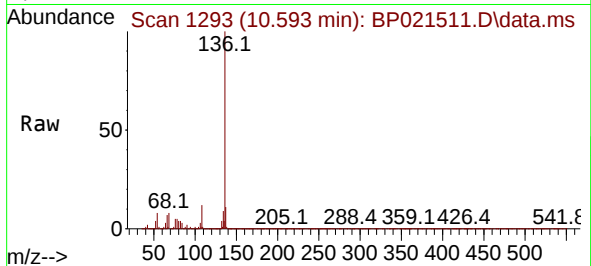
Tgt Ion:	107	Resp:	117727
Ion	Ratio	Lower	Upper
107	100		
108	90.6	67.6	107.6
77	37.4	15.0	55.0
79	31.0	8.9	48.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.593 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BP021511.D
Acq: 15 Aug 2024 12:43

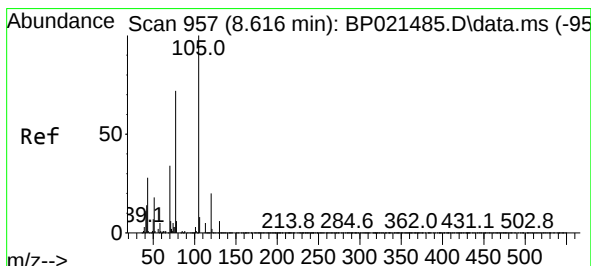
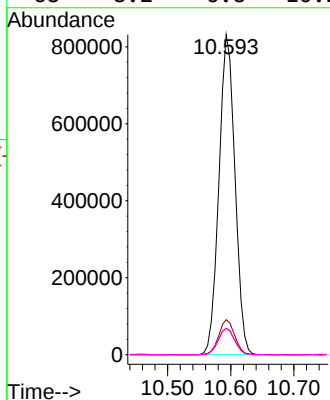
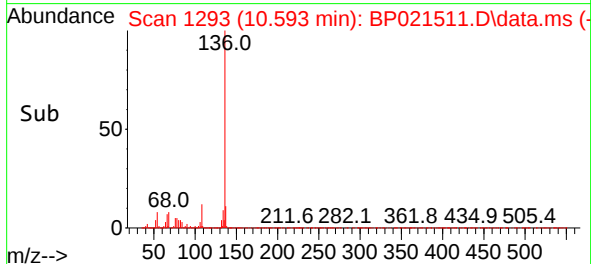
Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT3-2024



Tgt Ion:136 Resp: 1465998
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.3 6.3 9.5
68 8.2 6.8 10.2

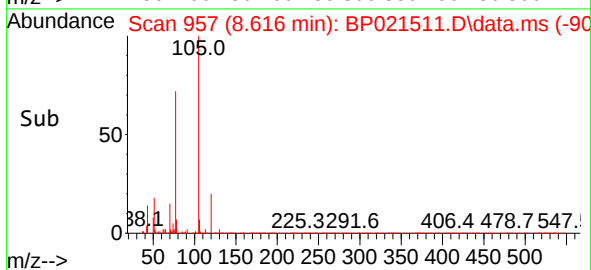
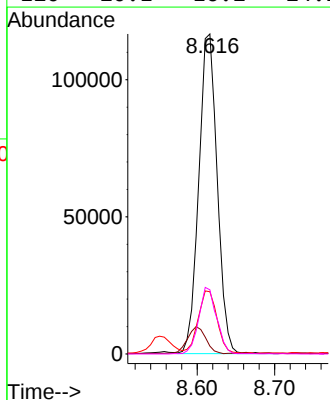
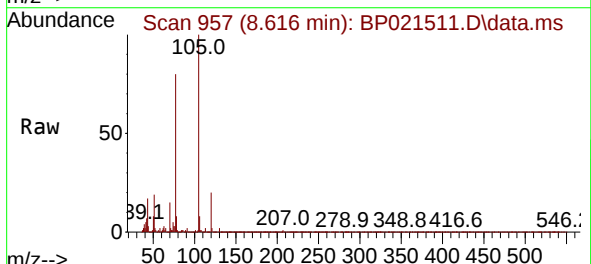
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#22
Acetophenone
Concen: 4.278 ng
RT: 8.616 min Scan# 957
Delta R.T. -0.000 min
Lab File: BP021511.D
Acq: 15 Aug 2024 12:43

Tgt Ion:105 Resp: 192681
Ion Ratio Lower Upper
105 100
71 2.5 4.6 7.0#
51 19.4 16.3 24.5
120 20.1 16.2 24.2





#23

Nitrobenzene-d5

Concen: 99.918 ng

RT: 8.952 min Scan# 1014

Delta R.T. -0.000 min

Lab File: BP021511.D

Acq: 15 Aug 2024 12:43

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT3-2024

Tgt Ion: 82 Resp: 283792

Ion Ratio Lower Upper

82 100

128 34.2 26.5 39.7

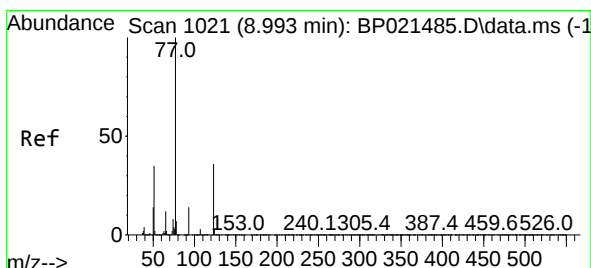
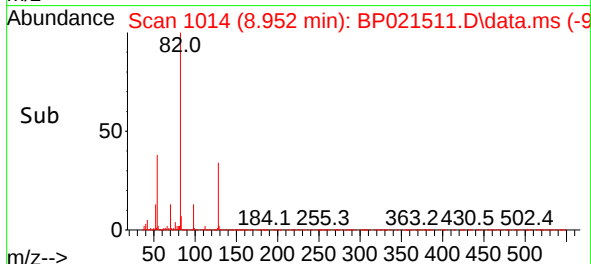
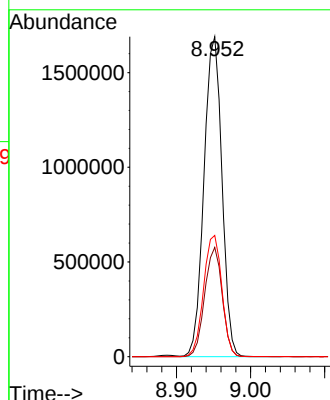
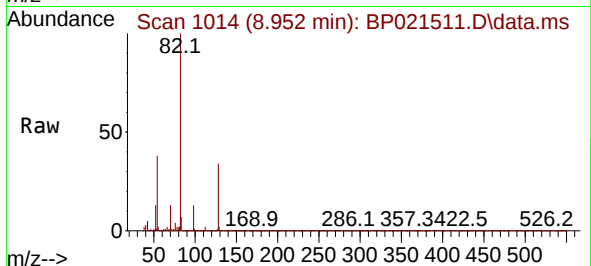
54 37.9 30.3 45.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/16/2024

Supervised By :mohammad ahmed 08/17/2024



#24

Nitrobenzene

Concen: 4.723 ng

RT: 8.987 min Scan# 1020

Delta R.T. -0.006 min

Lab File: BP021511.D

Acq: 15 Aug 2024 12:43

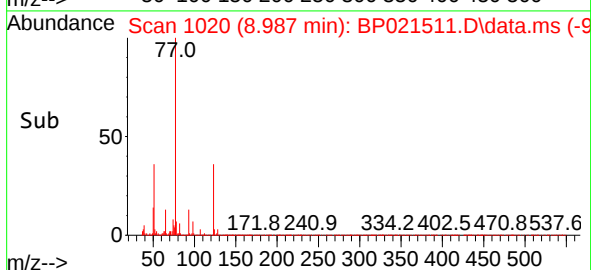
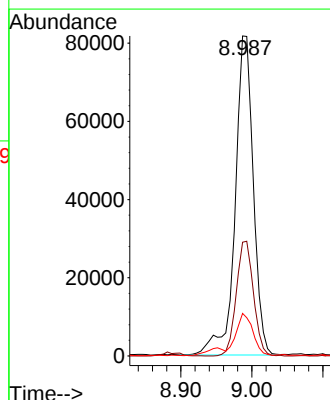
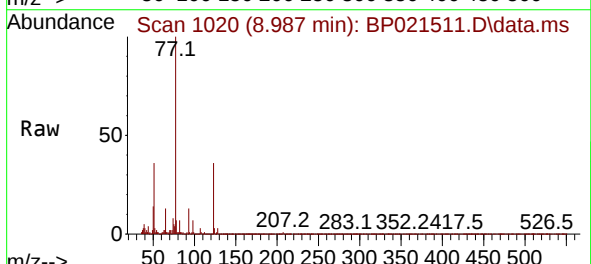
Tgt Ion: 77 Resp: 145706

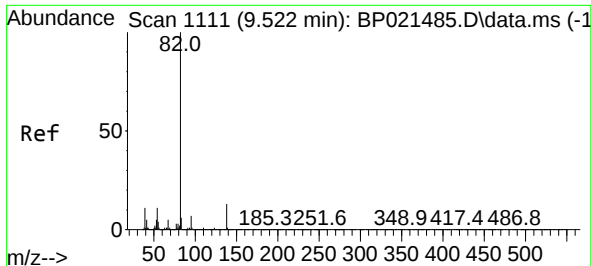
Ion Ratio Lower Upper

77 100

123 35.6 29.5 44.3

65 13.3 9.9 14.9





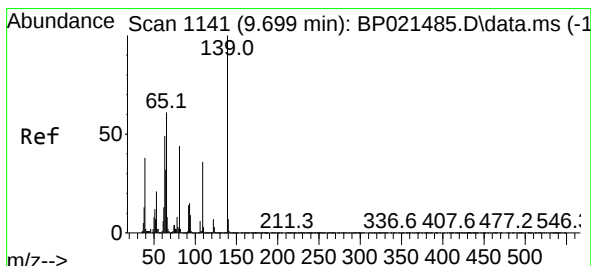
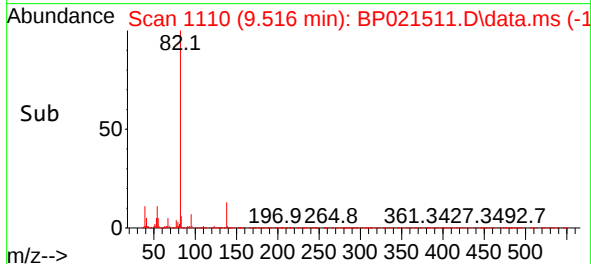
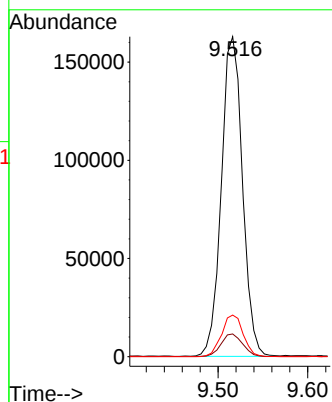
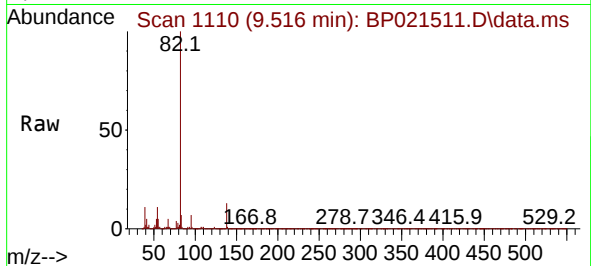
#25
Isophorone
Concen: 3.967 ng
RT: 9.516 min Scan# 1111
Delta R.T. -0.006 min
Lab File: BP021511.D
Acq: 15 Aug 2024 12:43

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

Tgt Ion: 82 Resp: 26615
Ion Ratio Lower Upper
82 100
95 7.1 5.4 8.2
138 13.0 10.6 16.0

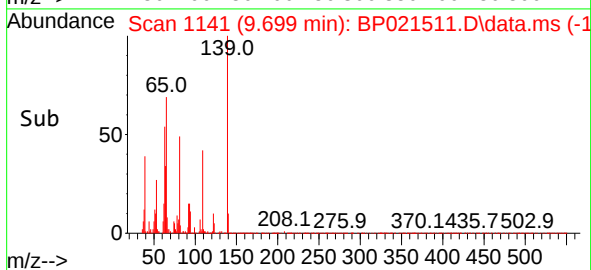
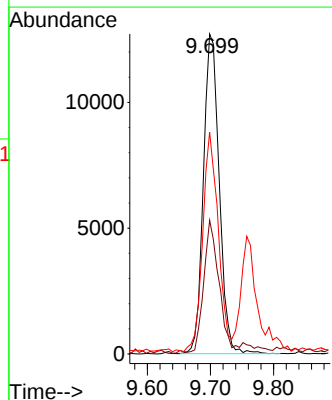
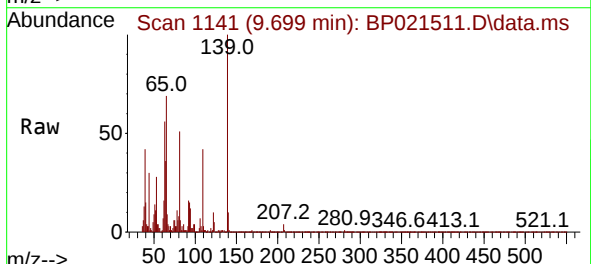
Manual Integrations
APPROVED

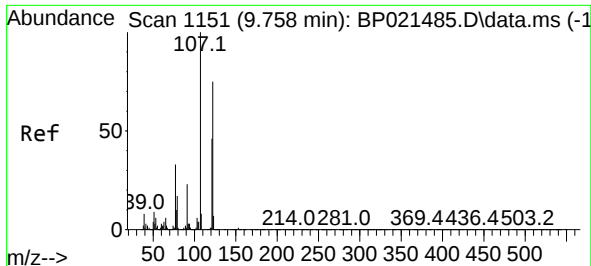
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#26
2-Nitrophenol
Concen: 4.964 ng
RT: 9.699 min Scan# 1141
Delta R.T. -0.000 min
Lab File: BP021511.D
Acq: 15 Aug 2024 12:43

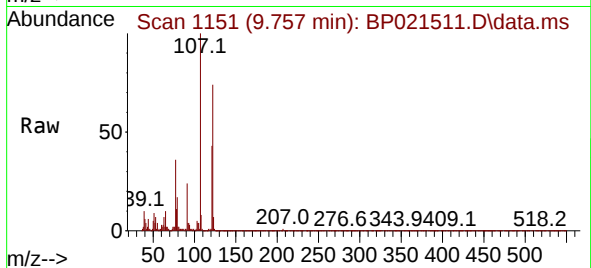
Tgt Ion:139 Resp: 22162
Ion Ratio Lower Upper
139 100
109 41.8 28.9 43.3
65 69.3 49.0 73.6





#27
2,4-Dimethylphenol
Concen: 3.742 ng
RT: 9.757 min Scan# 1151
Delta R.T. -0.000 min
Lab File: BP021511.D
Acq: 15 Aug 2024 12:43

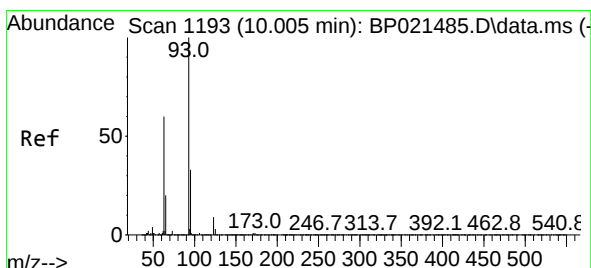
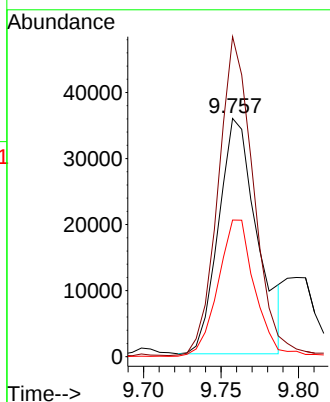
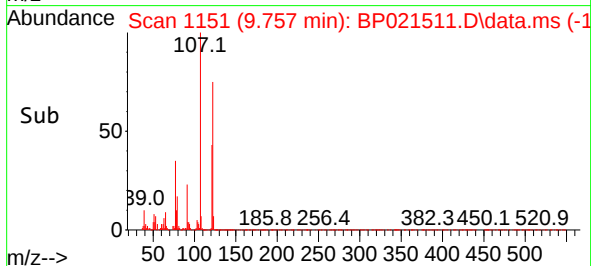
Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT3-2024



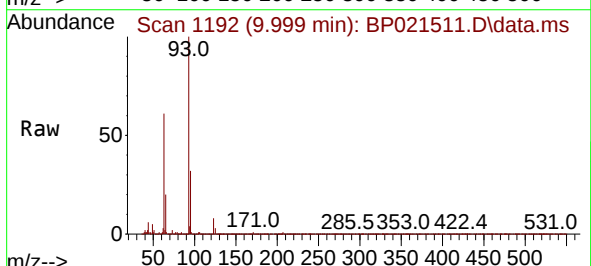
Tgt Ion: 122 Resp: 61970
Ion Ratio Lower Upper
122 100
107 134.3 106.2 159.4
121 57.4 48.8 73.2

Manual Integrations
APPROVED

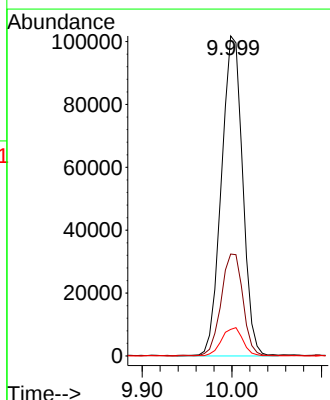
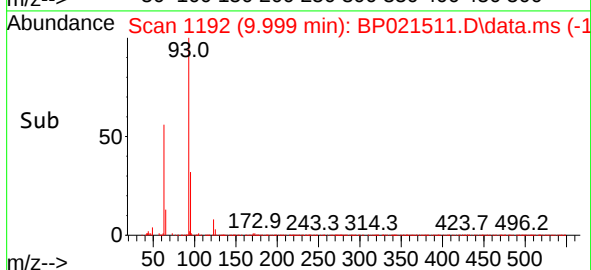
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024

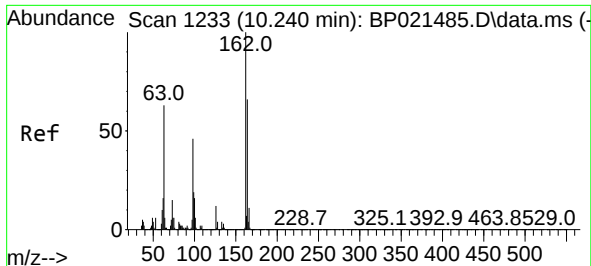


#28
bis(2-Chloroethoxy)methane
Concen: 4.084 ng
RT: 9.999 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BP021511.D
Acq: 15 Aug 2024 12:43



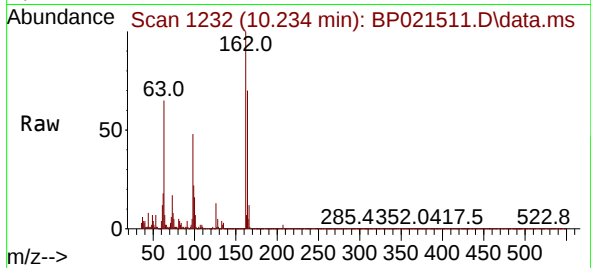
Tgt Ion: 93 Resp: 167270
Ion Ratio Lower Upper
93 100
95 31.9 26.2 39.4
123 8.3 7.6 11.4





#29
2,4-Dichlorophenol
Concen: 3.627 ng
RT: 10.234 min Scan# 1232
Delta R.T. -0.006 min
Lab File: BP021511.D
Acq: 15 Aug 2024 12:43

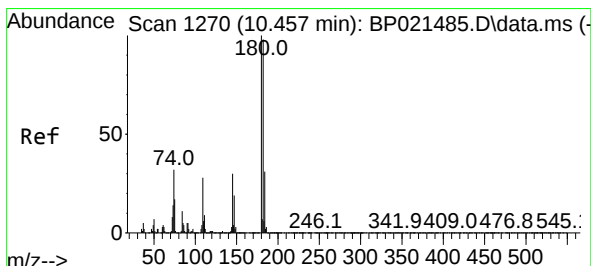
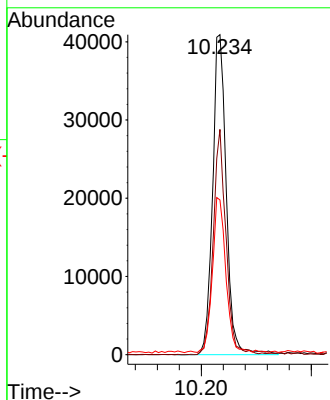
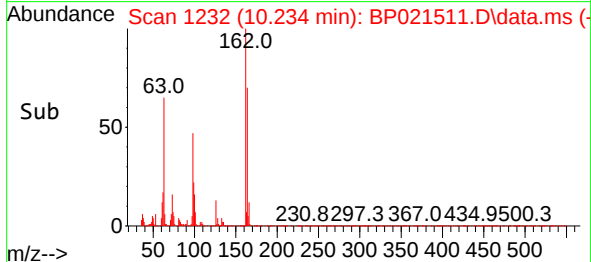
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT3-2024



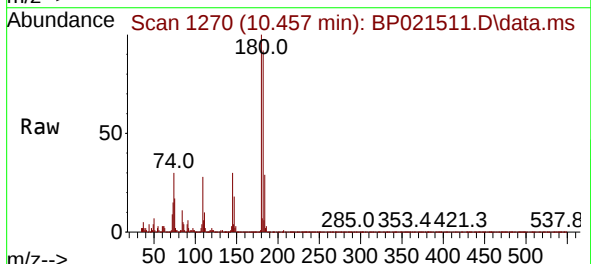
Tgt Ion:162 Resp: 70970
Ion Ratio Lower Upper
162 100
164 70.4 45.9 85.9
98 48.4 26.3 66.3

Manual Integrations
APPROVED

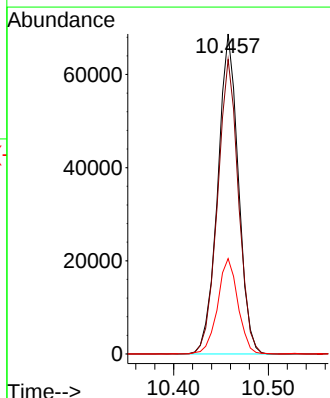
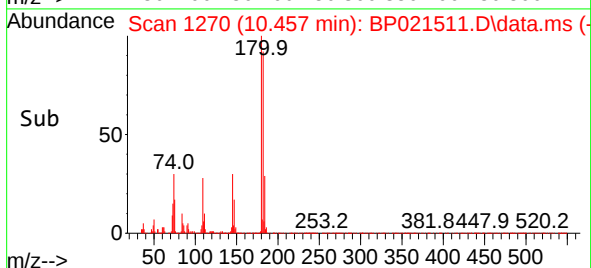
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024

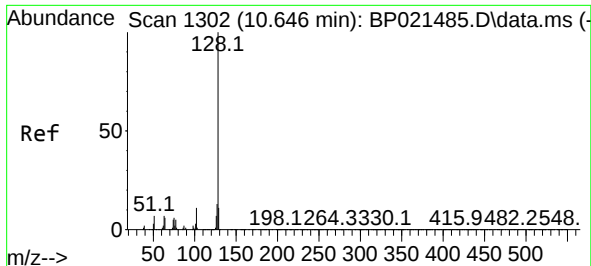


#30
1,2,4-Trichlorobenzene
Concen: 4.147 ng
RT: 10.457 min Scan# 1270
Delta R.T. -0.000 min
Lab File: BP021511.D
Acq: 15 Aug 2024 12:43



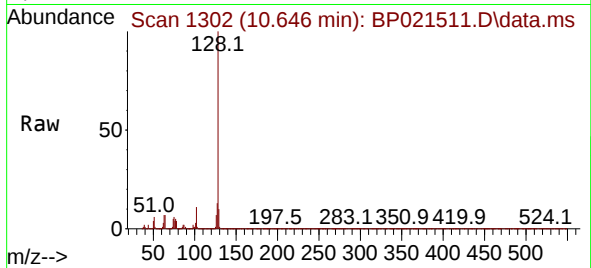
Tgt Ion:180 Resp: 104018
Ion Ratio Lower Upper
180 100
182 92.1 78.3 117.5
145 29.8 24.0 36.0





#31
Naphthalene
Concen: 4.180 ng
RT: 10.646 min Scan# 1115
Delta R.T. -0.000 min
Lab File: BP021511.D
Acq: 15 Aug 2024 12:43

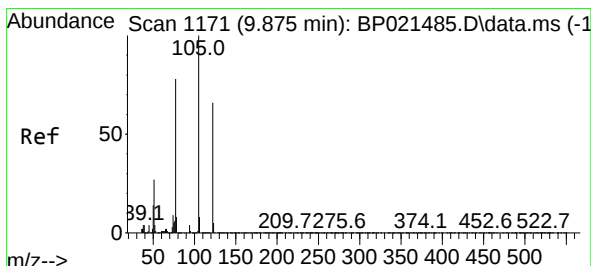
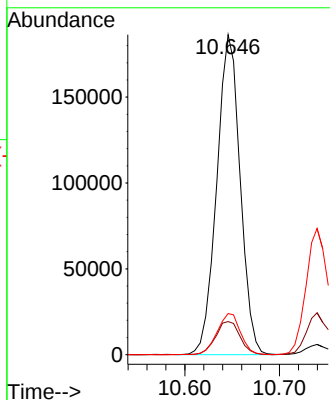
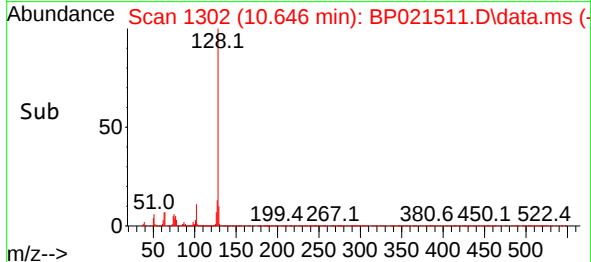
Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT3-2024



Tgt Ion:128 Resp: 320154
Ion Ratio Lower Upper
128 100
129 10.4 8.6 12.8
127 12.9 10.6 15.8

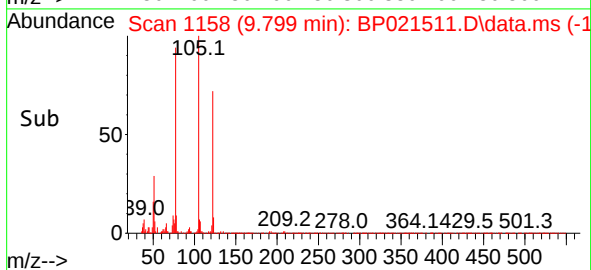
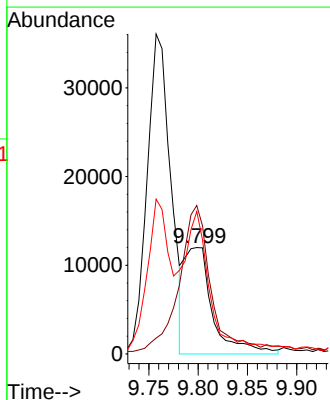
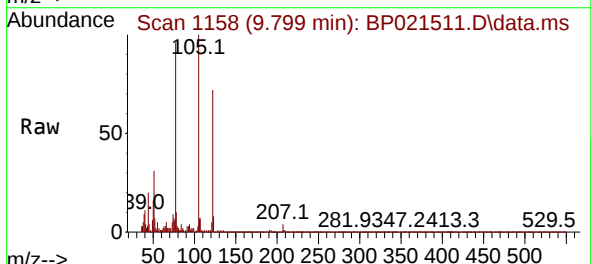
Manual Integrations
APPROVED

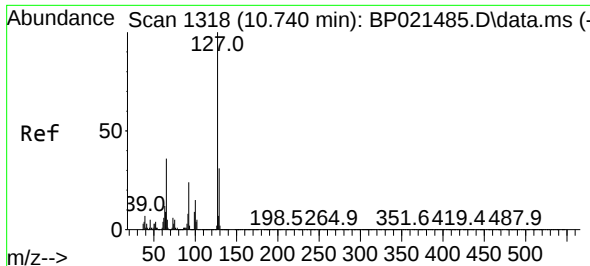
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#32
Benzoic acid
Concen: 6.343 ng m
RT: 9.799 min Scan# 1158
Delta R.T. -0.076 min
Lab File: BP021511.D
Acq: 15 Aug 2024 12:43

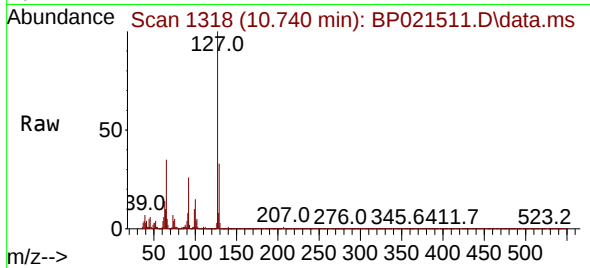
Tgt Ion:122 Resp: 24005
Ion Ratio Lower Upper
122 100
105 139.5 124.6 164.6
77 133.7 96.2 136.2





#33
4-Chloroaniline
Concen: 4.200 ng
RT: 10.740 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP021511.D
Acq: 15 Aug 2024 12:43

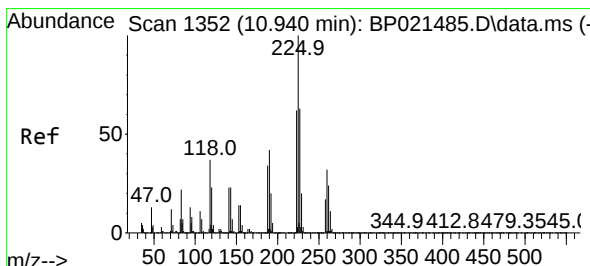
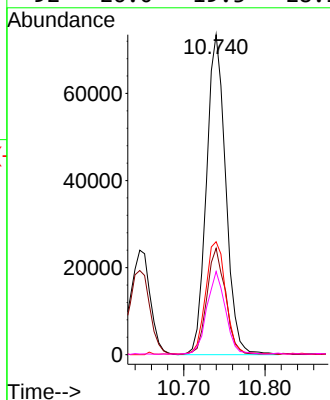
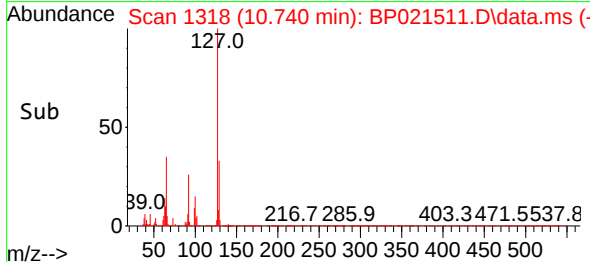
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT3-2024



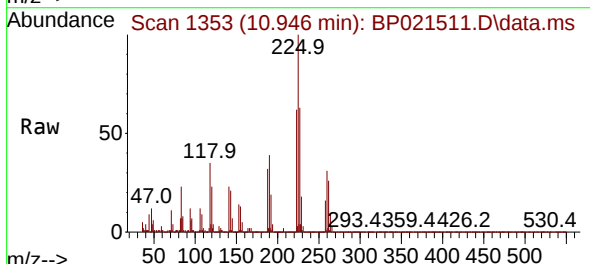
Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.3	24.5	36.7
65	35.3	28.9	43.3
92	26.0	19.3	28.9

Manual Integrations
APPROVED

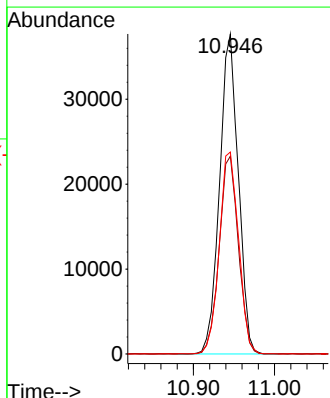
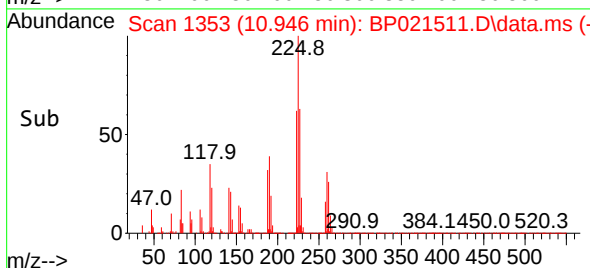
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024

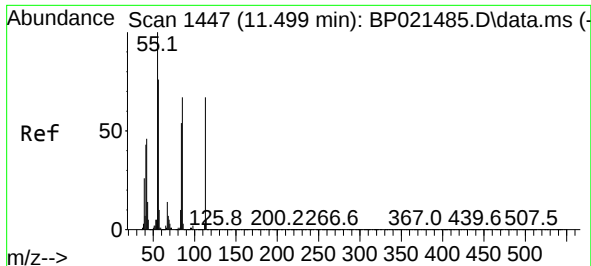


#34
Hexachlorobutadiene
Concen: 3.831 ng
RT: 10.946 min Scan# 1353
Delta R.T. 0.006 min
Lab File: BP021511.D
Acq: 15 Aug 2024 12:43



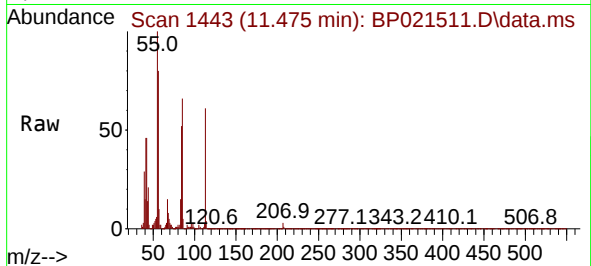
Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.8	49.6	74.4
227	63.1	50.1	75.1





#35
Caprolactam
Concen: 3.748 ng
RT: 11.475 min Scan# 1447
Delta R.T. -0.024 min
Lab File: BP021511.D
Acq: 15 Aug 2024 12:43

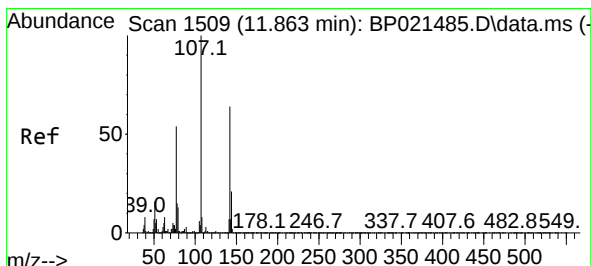
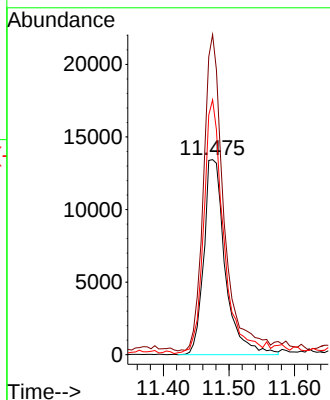
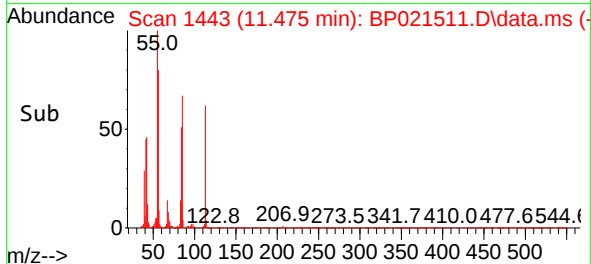
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT3-2024



Tgt Ion:113 Resp: 30519
Ion Ratio Lower Upper
113 100
55 164.1 130.6 170.6
56 130.7 94.6 134.6

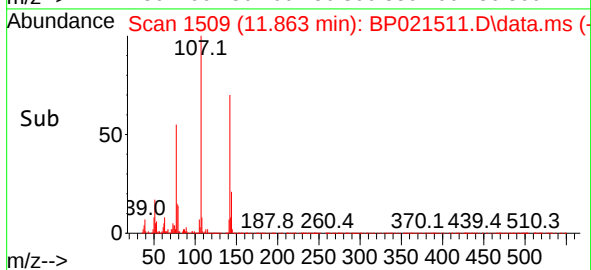
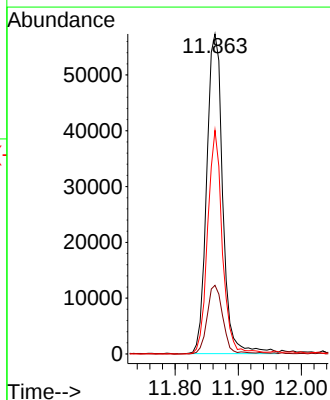
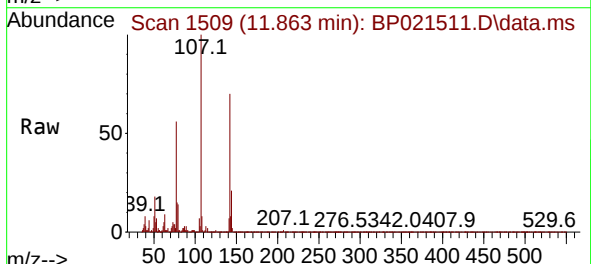
Manual Integrations
APPROVED

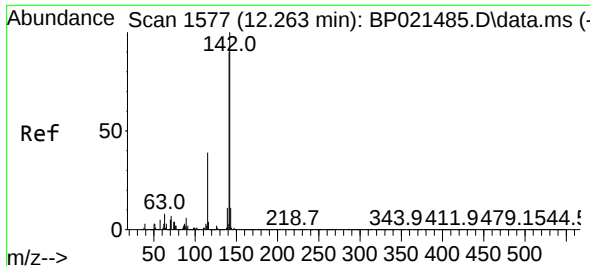
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#36
4-Chloro-3-methylphenol
Concen: 3.720 ng
RT: 11.863 min Scan# 1509
Delta R.T. -0.000 min
Lab File: BP021511.D
Acq: 15 Aug 2024 12:43

Tgt Ion:107 Resp: 100954
Ion Ratio Lower Upper
107 100
144 21.5 16.6 24.8
142 69.9 51.0 76.4





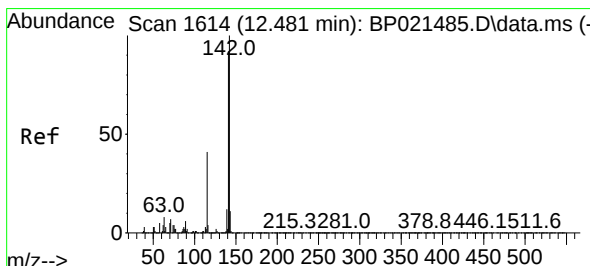
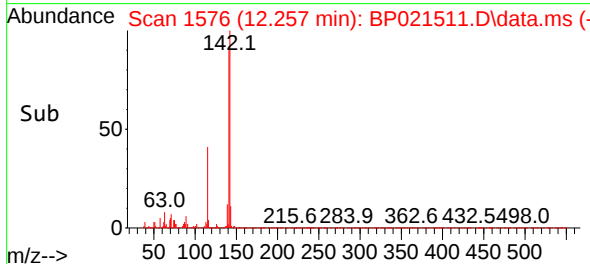
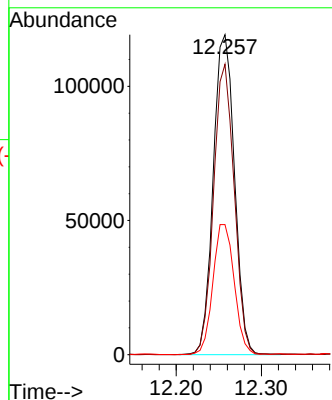
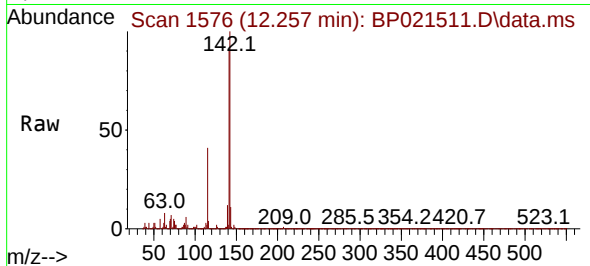
#37
2-Methylnaphthalene
Concen: 3.966 ng
RT: 12.257 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BP021511.D
Acq: 15 Aug 2024 12:43

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

Tgt Ion:142 Resp: 20729
Ion Ratio Lower Upper
142 100
141 90.7 71.7 107.5
115 40.7 31.4 47.2

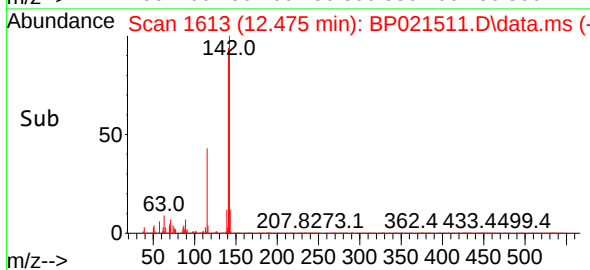
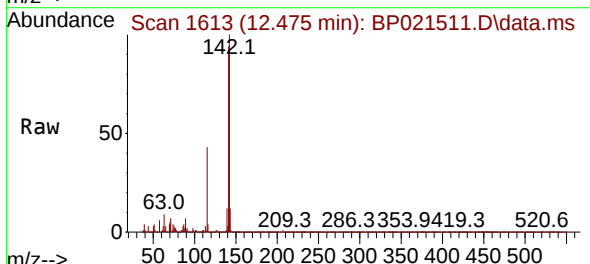
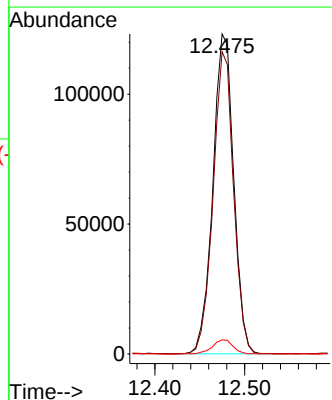
Manual Integrations
APPROVED

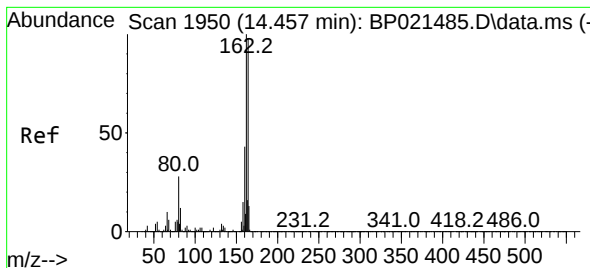
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#38
1-Methylnaphthalene
Concen: 3.850 ng
RT: 12.475 min Scan# 1613
Delta R.T. -0.006 min
Lab File: BP021511.D
Acq: 15 Aug 2024 12:43

Tgt Ion:142 Resp: 198475
Ion Ratio Lower Upper
142 100
141 94.4 73.5 110.3
116 4.4 3.4 5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.440 min Scan# 1950

Delta R.T. -0.018 min

Lab File: BP021511.D

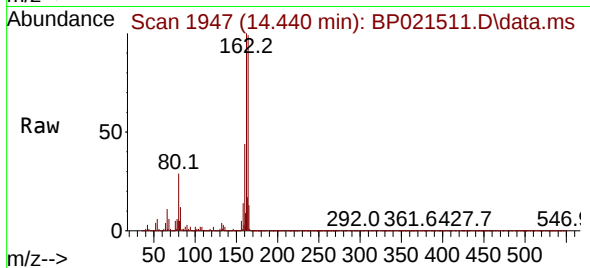
Acq: 15 Aug 2024 12:43

Instrument :

BNA_P

ClientSampleId :

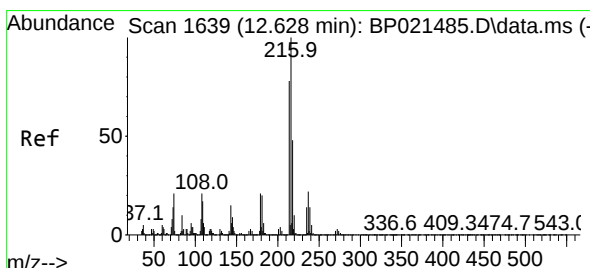
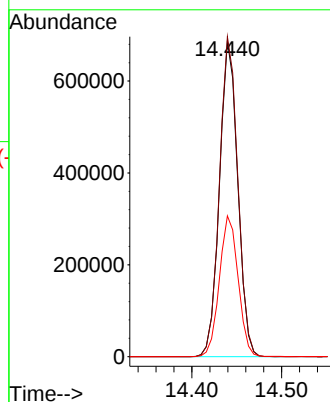
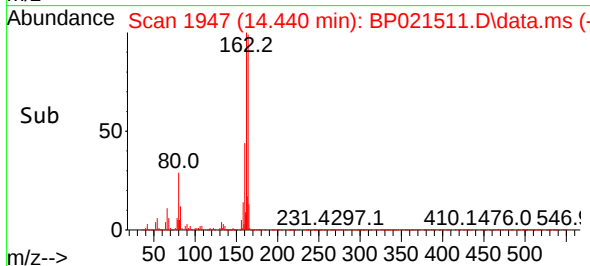
MDL-WATER-03-QT3-2024



Tgt Ion:	164	Resp:	971108
Ion Ratio	Lower	Upper	
164	100		
162	101.4	81.5	122.3
160	44.6	35.2	52.8

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 4.211 ng

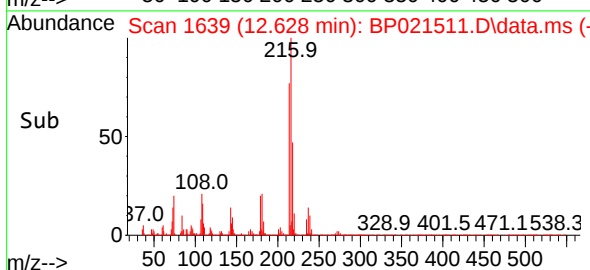
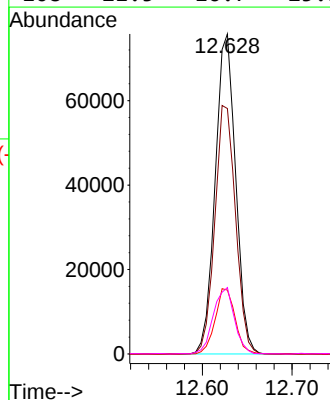
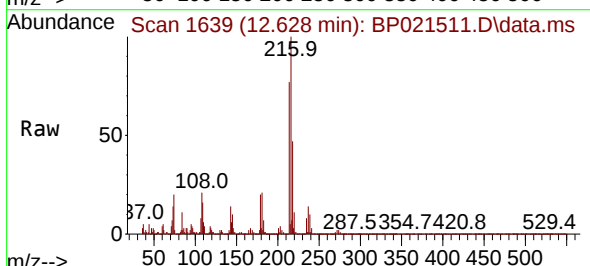
RT: 12.628 min Scan# 1639

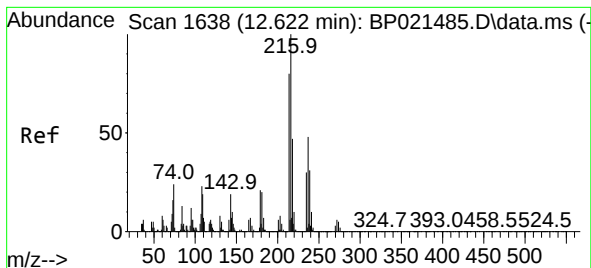
Delta R.T. -0.000 min

Lab File: BP021511.D

Acq: 15 Aug 2024 12:43

Tgt Ion:	216	Resp:	119827
Ion Ratio	Lower	Upper	
216	100		
214	78.7	62.5	93.7
179	19.9	16.4	24.6
108	21.5	16.7	25.1





#41

Hexachlorocyclopentadiene

Concen: 3.615 ng

RT: 12.616 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP021511.D

Acq: 15 Aug 2024 12:43

Instrument :

BNA_P

ClientSampleId :

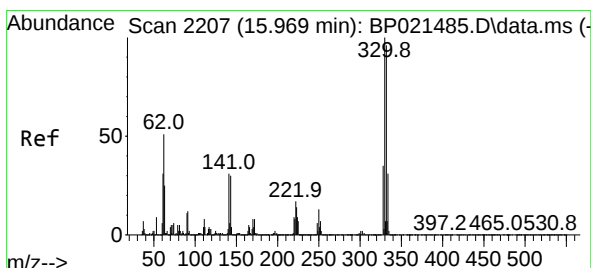
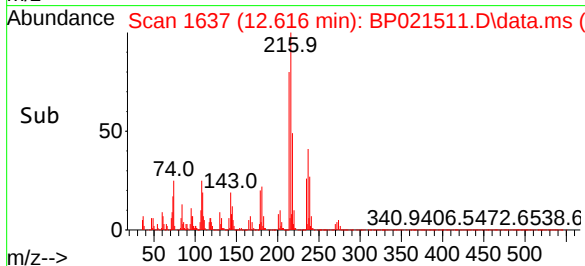
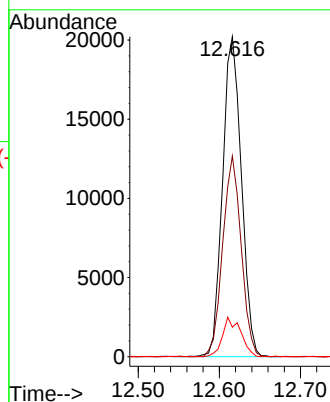
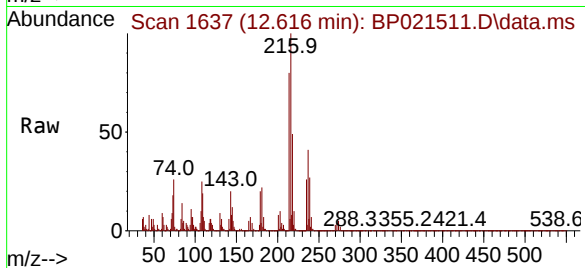
MDL-WATER-03-QT3-2024

Tgt Ion:	237	Resp:	32590
Ion Ratio	Lower	Upper	
237	100		
235	62.7	43.9	83.9
272	9.2	0.0	33.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#42

2,4,6-Tribromophenol

Concen: 138.226 ng

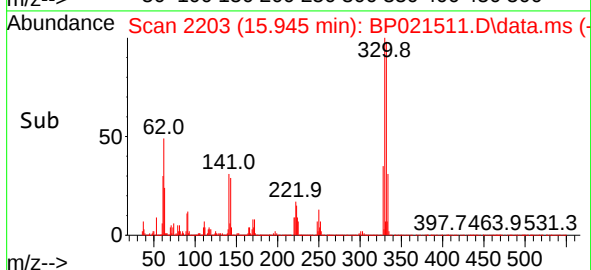
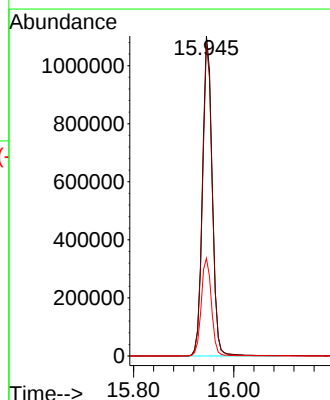
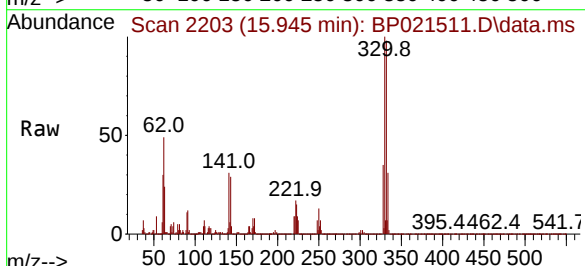
RT: 15.945 min Scan# 2203

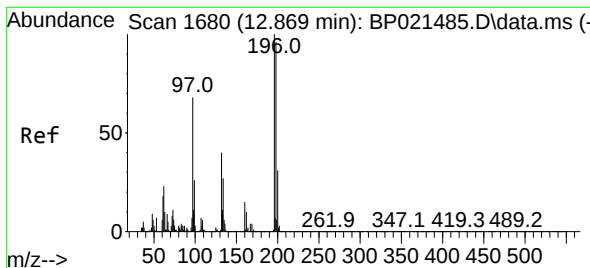
Delta R.T. -0.024 min

Lab File: BP021511.D

Acq: 15 Aug 2024 12:43

Tgt Ion:	330	Resp:	1493952
Ion Ratio	Lower	Upper	
330	100		
332	97.0	77.4	116.0
141	31.6	24.5	36.7





#43

2,4,6-Trichlorophenol

Concen: 3.417 ng

RT: 12.857 min Scan# 1678

Delta R.T. -0.012 min

Lab File: BP021511.D

Acq: 15 Aug 2024 12:43

Instrument :

BNA_P

ClientSampleId :

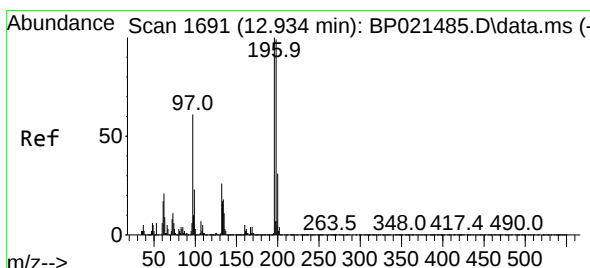
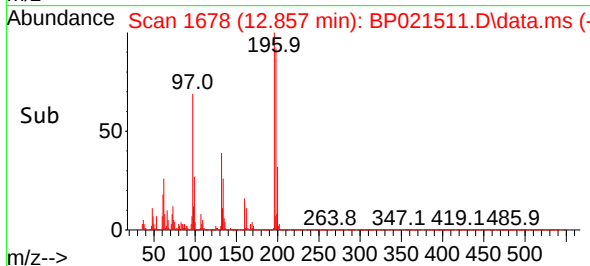
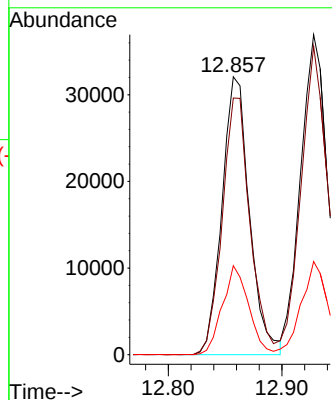
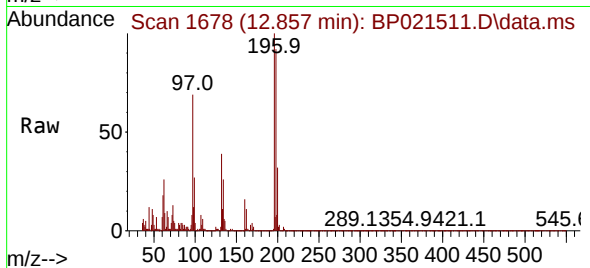
MDL-WATER-03-QT3-2024

Tgt Ion:196	Resp:	5400
Ion Ratio	Lower	Upper
196	100	
198	92.3	76.6 114.8
200	32.0	24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#44

2,4,5-Trichlorophenol

Concen: 3.571 ng

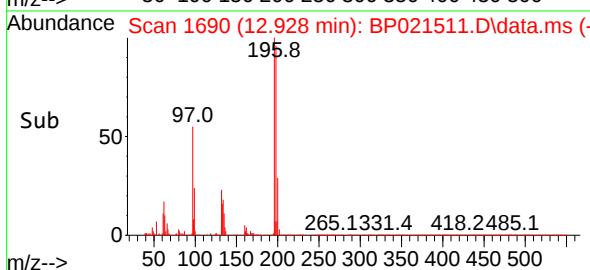
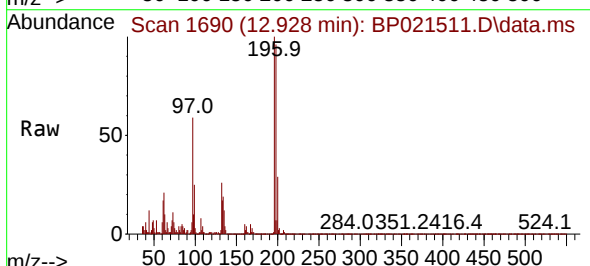
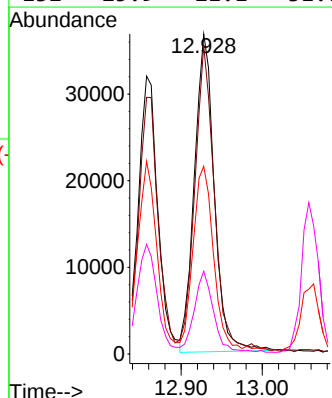
RT: 12.928 min Scan# 1690

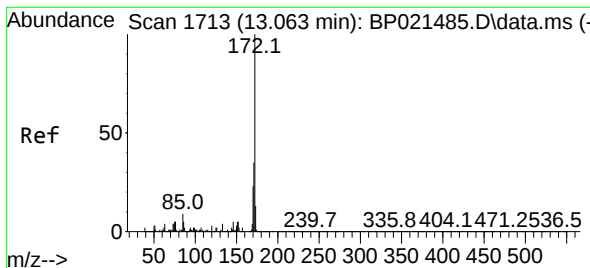
Delta R.T. -0.006 min

Lab File: BP021511.D

Acq: 15 Aug 2024 12:43

Tgt Ion:196	Resp:	62713
Ion Ratio	Lower	Upper
196	100	
198	96.4	78.9 118.3
97	58.7	49.4 74.0
132	25.9	21.1 31.7





#45

2-Fluorobiphenyl

Concen: 86.961 ng

RT: 13.057 min Scan# 1712

Delta R.T. -0.006 min

Lab File: BP021511.D

Acq: 15 Aug 2024 12:43

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT3-2024

Tgt Ion:172 Resp: 553338

Ion Ratio Lower Upper

172 100

171 35.7 28.2 42.4

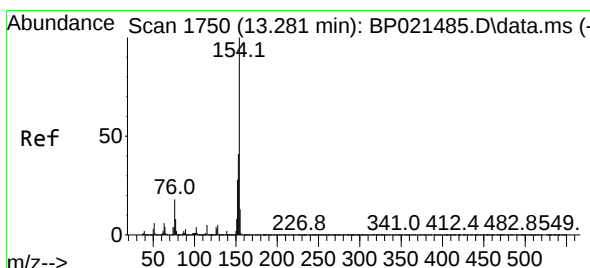
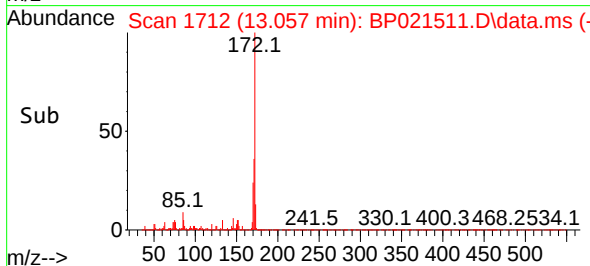
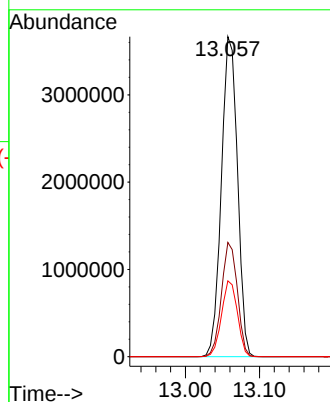
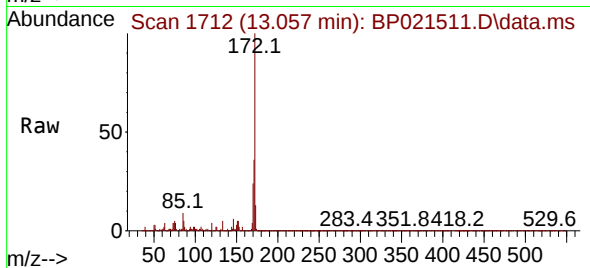
170 23.7 18.4 27.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/16/2024

Supervised By :mohammad ahmed 08/17/2024



#46

1,1'-Biphenyl

Concen: 4.285 ng

RT: 13.269 min Scan# 1748

Delta R.T. -0.012 min

Lab File: BP021511.D

Acq: 15 Aug 2024 12:43

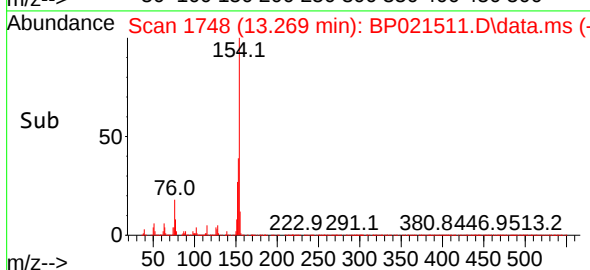
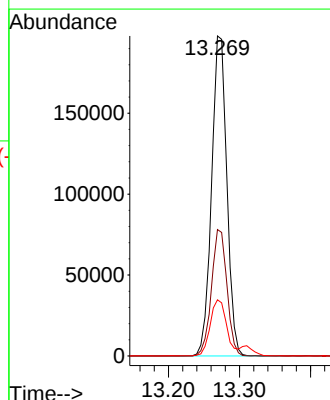
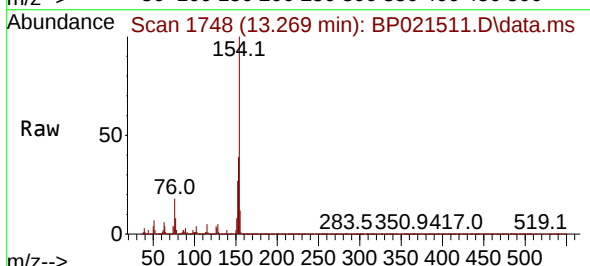
Tgt Ion:154 Resp: 294433

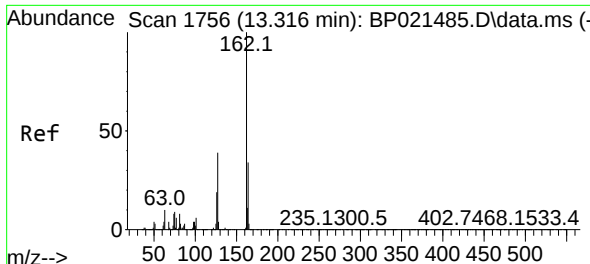
Ion Ratio Lower Upper

154 100

153 39.5 20.7 60.7

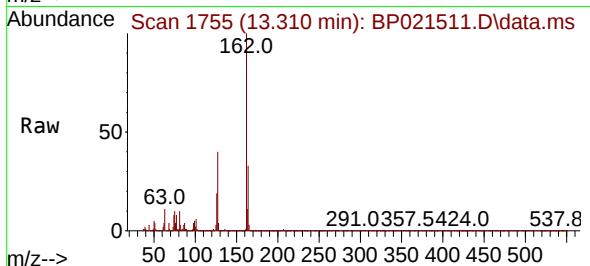
76 17.6 0.0 37.7





#47
2-Chloronaphthalene
Concen: 4.094 ng
RT: 13.310 min Scan# 1755
Delta R.T. -0.006 min
Lab File: BP021511.D
Acq: 15 Aug 2024 12:43

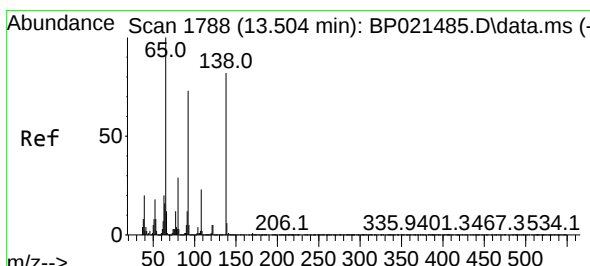
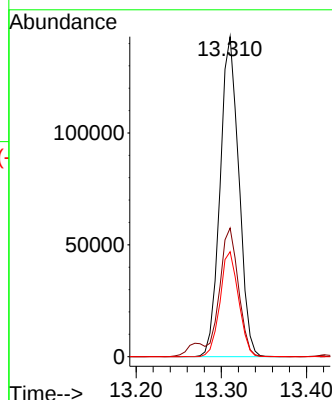
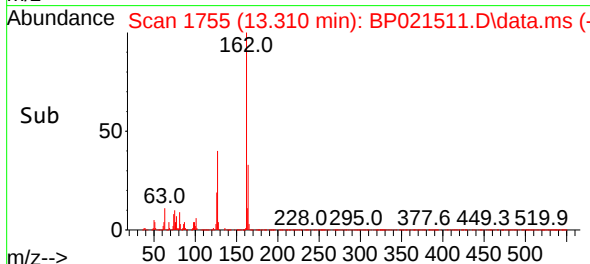
Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT3-2024



Tgt Ion:162 Resp: 219014
Ion Ratio Lower Upper
162 100
127 40.2 31.9 47.9
164 32.8 26.8 40.2

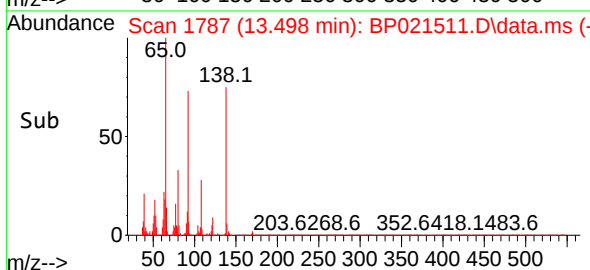
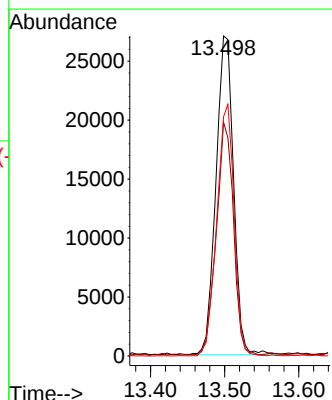
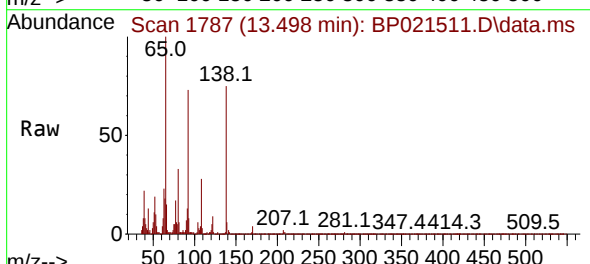
Manual Integrations
APPROVED

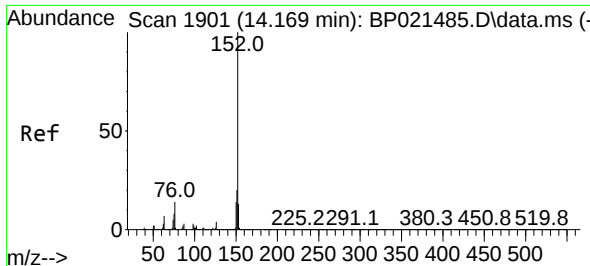
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#48
2-Nitroaniline
Concen: 7.812 ng
RT: 13.498 min Scan# 1787
Delta R.T. -0.006 min
Lab File: BP021511.D
Acq: 15 Aug 2024 12:43

Tgt Ion: 65 Resp: 44742
Ion Ratio Lower Upper
65 100
92 73.0 58.1 87.1
138 74.7 65.5 98.3





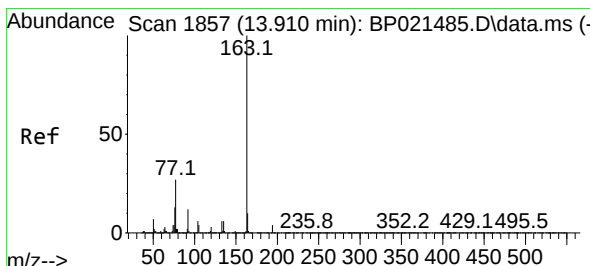
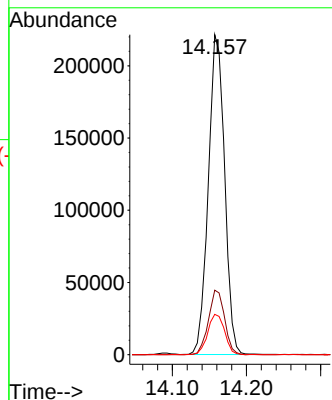
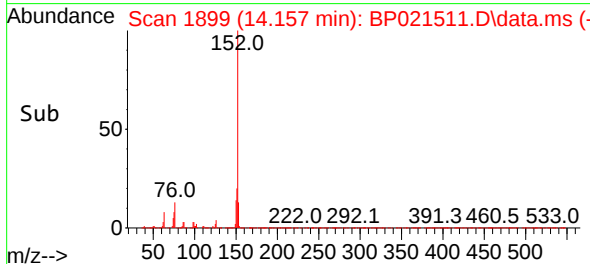
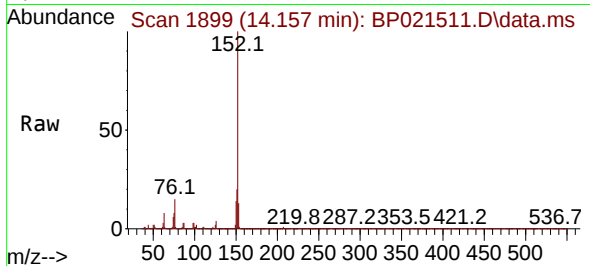
#49
Acenaphthylene
Concen: 4.298 ng
RT: 14.157 min Scan# 1899
Delta R.T. -0.012 min
Lab File: BP021511.D
Acq: 15 Aug 2024 12:43

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

Tgt Ion:152 Resp: 33800
Ion Ratio Lower Upper
152 100
151 20.2 15.9 23.9
153 12.6 10.6 16.0

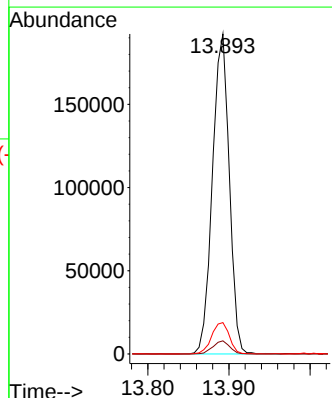
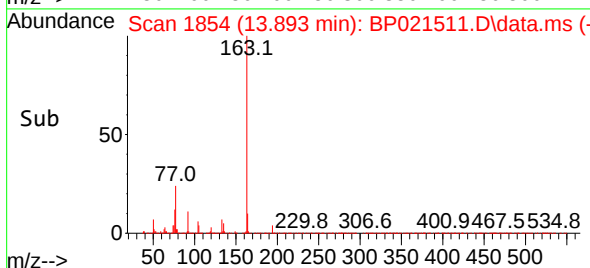
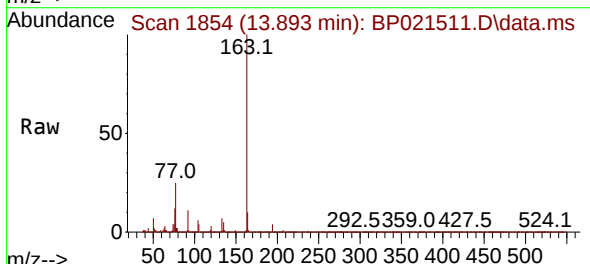
Manual Integrations
APPROVED

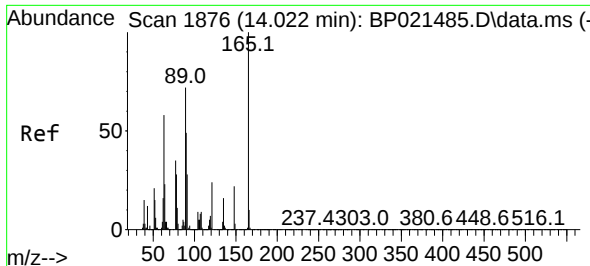
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#50
Dimethylphthalate
Concen: 4.252 ng
RT: 13.893 min Scan# 1854
Delta R.T. -0.018 min
Lab File: BP021511.D
Acq: 15 Aug 2024 12:43

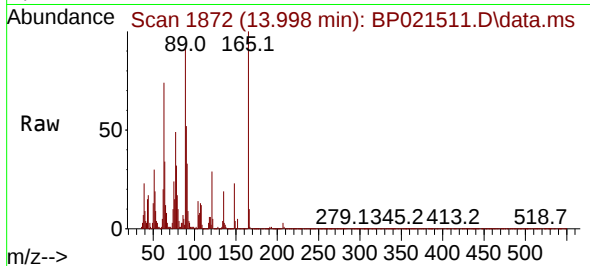
Tgt Ion:163 Resp: 276541
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 9.8 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 6.687 ng
RT: 13.998 min Scan# 1876
Delta R.T. -0.024 min
Lab File: BP021511.D
Acq: 15 Aug 2024 12:43

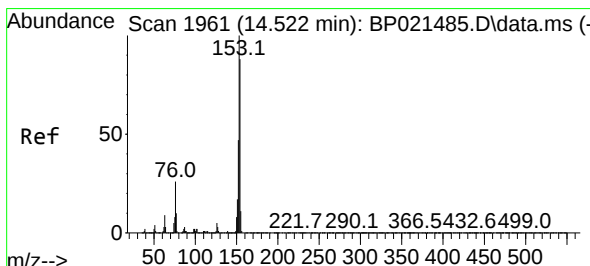
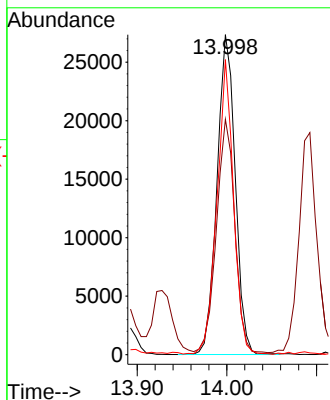
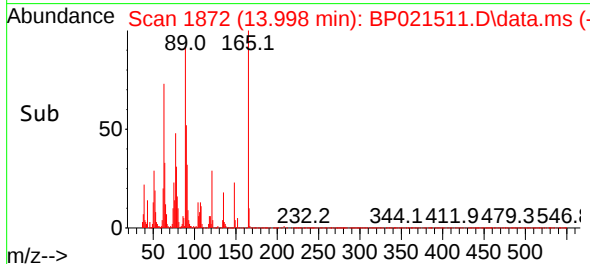
Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT3-2024



Tgt Ion:165 Resp: 38659
Ion Ratio Lower Upper
165 100
63 73.6 51.5 77.3
89 92.2 57.8 86.8

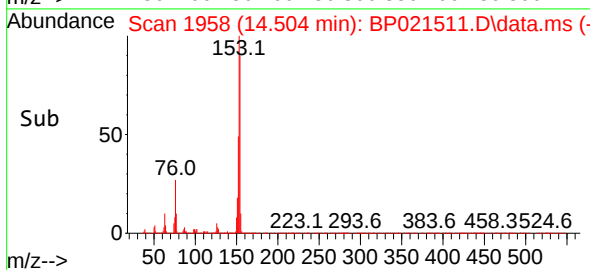
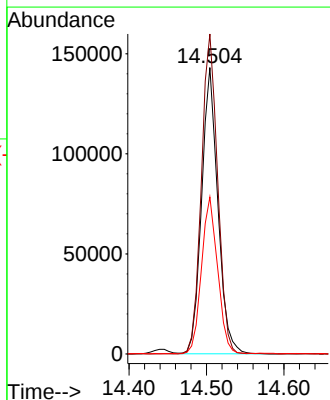
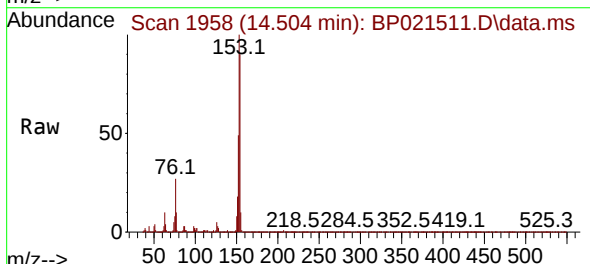
Manual Integrations
APPROVED

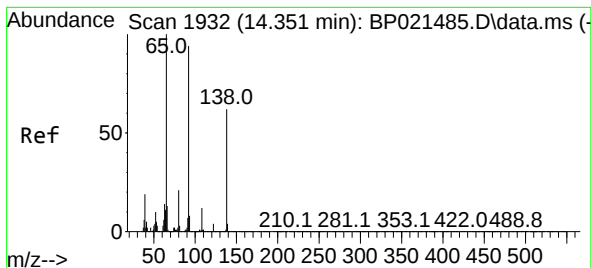
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#52
Acenaphthene
Concen: 4.038 ng
RT: 14.504 min Scan# 1958
Delta R.T. -0.018 min
Lab File: BP021511.D
Acq: 15 Aug 2024 12:43

Tgt Ion:154 Resp: 208323
Ion Ratio Lower Upper
154 100
153 111.7 91.1 136.7
152 54.8 43.0 64.4





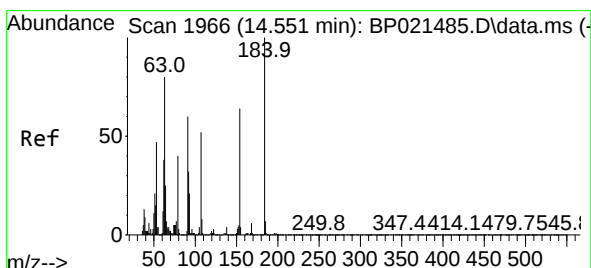
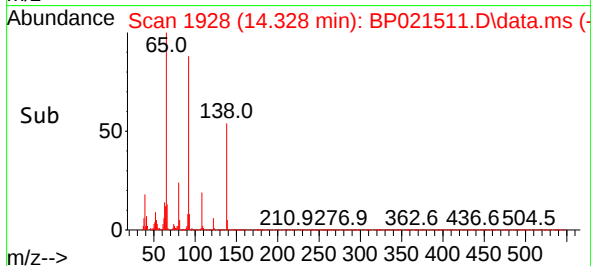
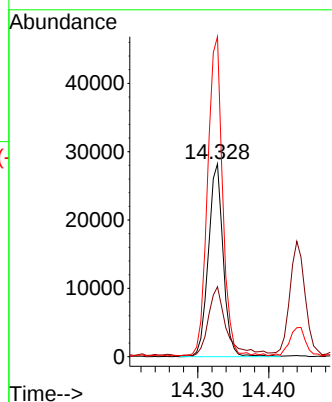
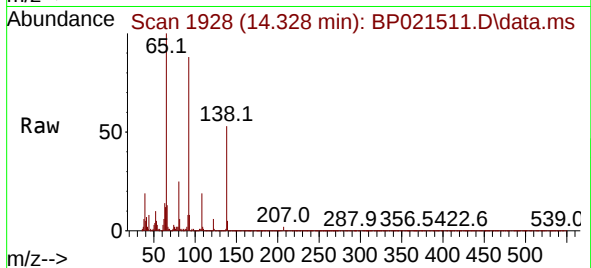
#53
3-Nitroaniline
Concen: 6.883 ng
RT: 14.328 min Scan# 1932
Delta R.T. -0.023 min
Lab File: BP021511.D
Acq: 15 Aug 2024 12:43

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

Tgt Ion:138 Resp: 40975
Ion Ratio Lower Upper
138 100
108 36.3 16.2 24.4
92 166.0 122.2 183.4

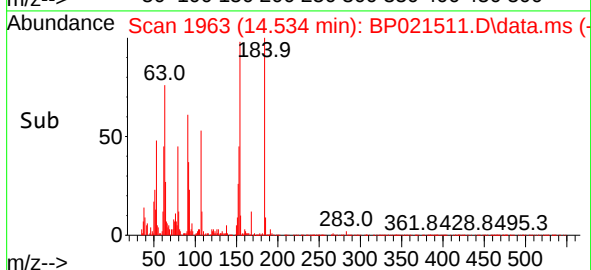
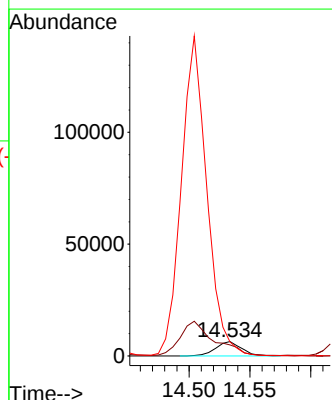
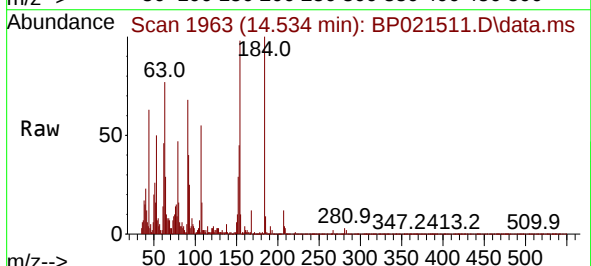
Manual Integrations
APPROVED

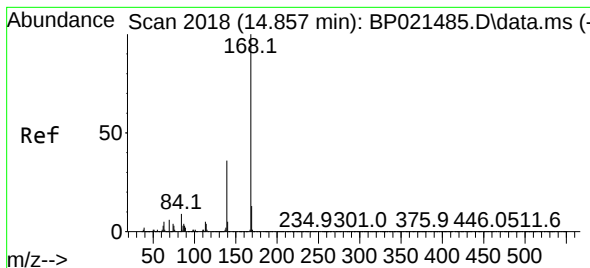
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#54
2,4-Dinitrophenol
Concen: 6.206 ng
RT: 14.534 min Scan# 1963
Delta R.T. -0.017 min
Lab File: BP021511.D
Acq: 15 Aug 2024 12:43

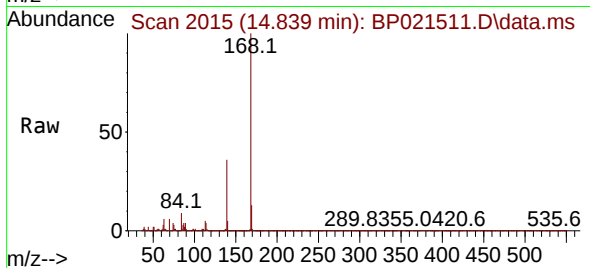
Tgt Ion:184 Resp: 9479
Ion Ratio Lower Upper
184 100
63 77.3 64.9 97.3
154 98.0 52.1 78.1#





#55
Dibenzofuran
Concen: 4.338 ng
RT: 14.839 min Scan# 2018
Delta R.T. -0.018 min
Lab File: BP021511.D
Acq: 15 Aug 2024 12:43

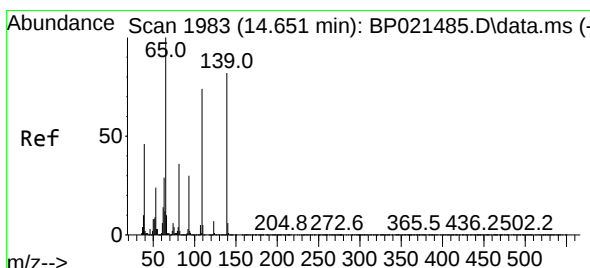
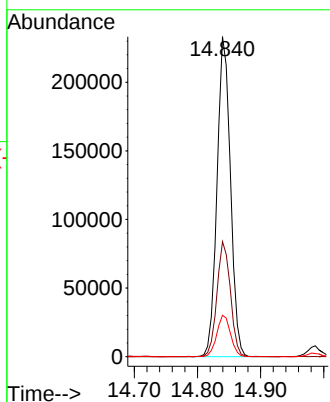
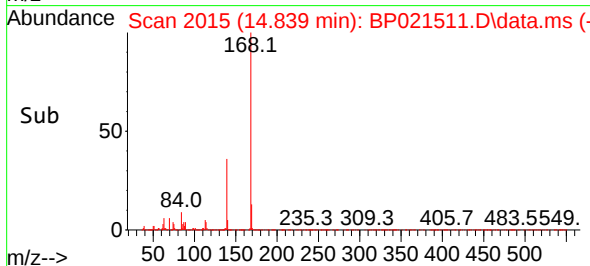
Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT3-2024



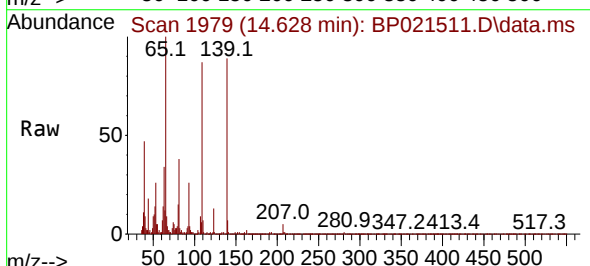
Tgt Ion:168 Resp: 344284
Ion Ratio Lower Upper
168 100
139 36.0 28.6 43.0
169 12.9 10.6 16.0

Manual Integrations
APPROVED

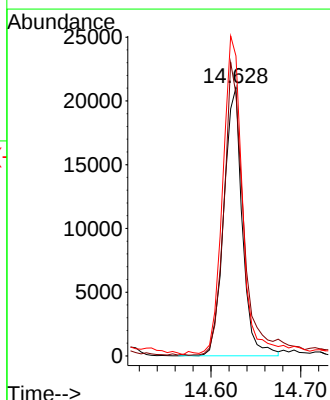
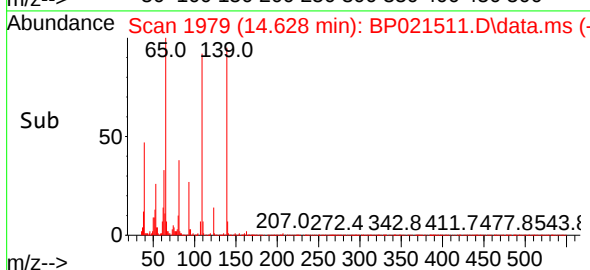
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024

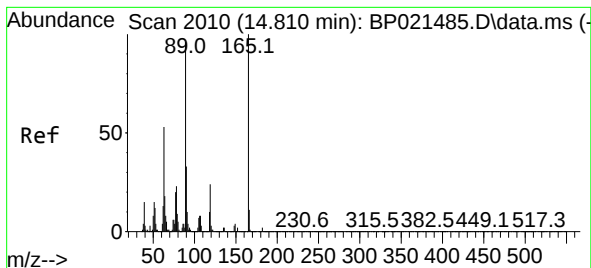


#56
4-Nitrophenol
Concen: 7.692 ng
RT: 14.628 min Scan# 1979
Delta R.T. -0.023 min
Lab File: BP021511.D
Acq: 15 Aug 2024 12:43



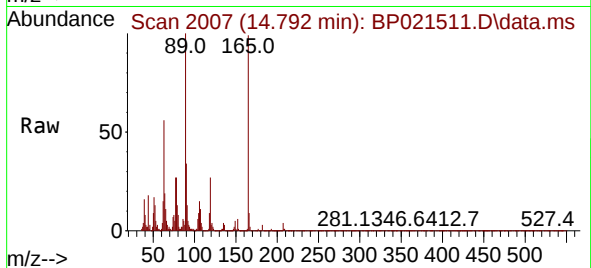
Tgt Ion:139 Resp: 30096
Ion Ratio Lower Upper
139 100
109 97.5 70.2 110.2
65 111.7 101.8 141.8





#57
2,4-Dinitrotoluene
Concen: 7.244 ng
RT: 14.792 min Scan# 2010
Delta R.T. -0.018 min
Lab File: BP021511.D
Acq: 15 Aug 2024 12:43

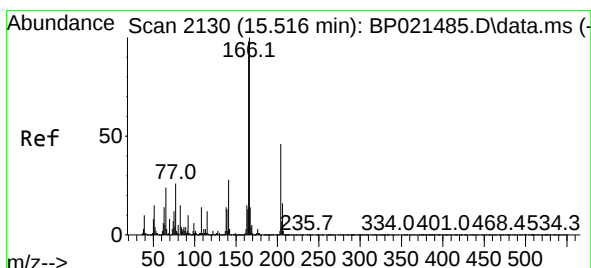
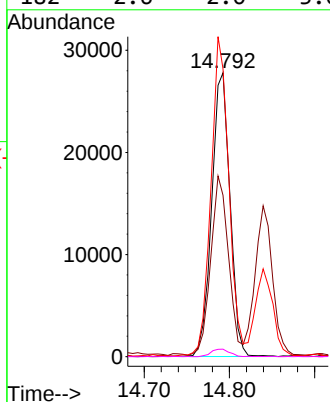
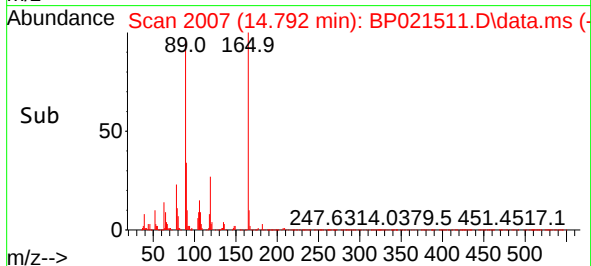
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT3-2024



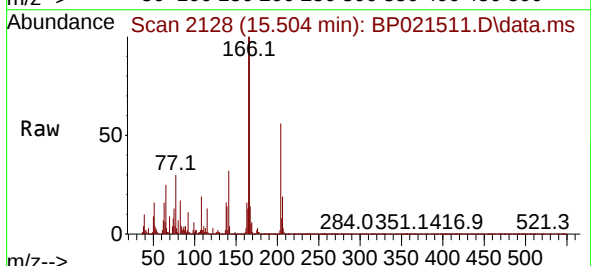
Tgt Ion:165 Resp: 4141
Ion Ratio Lower Upper
165 100
63 56.9 42.5 63.7
89 101.4 77.1 115.7
182 2.6 2.0 3.0

Manual Integrations
APPROVED

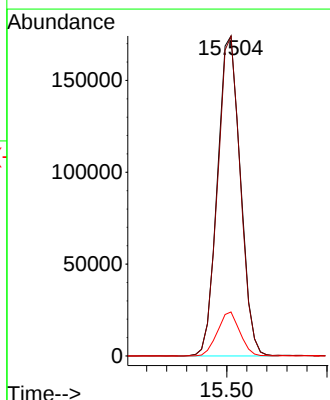
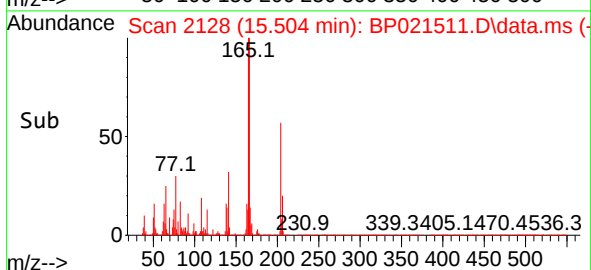
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024

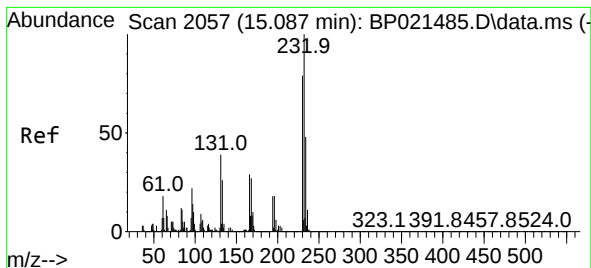


#58
Fluorene
Concen: 4.238 ng
RT: 15.504 min Scan# 2128
Delta R.T. -0.012 min
Lab File: BP021511.D
Acq: 15 Aug 2024 12:43



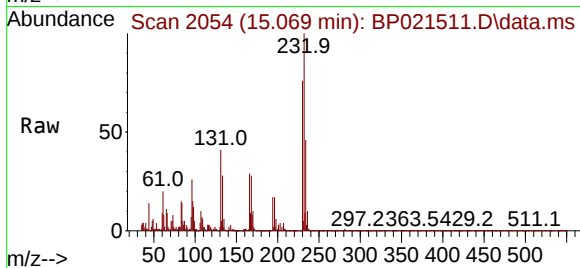
Tgt Ion:166 Resp: 276327
Ion Ratio Lower Upper
166 100
165 99.9 78.1 117.1
167 13.7 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 3.640 ng
RT: 15.069 min Scan# 2054
Delta R.T. -0.018 min
Lab File: BP021511.D
Acq: 15 Aug 2024 12:43

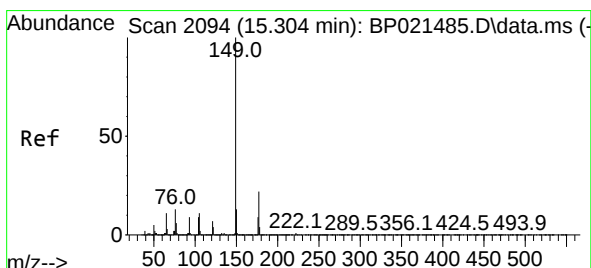
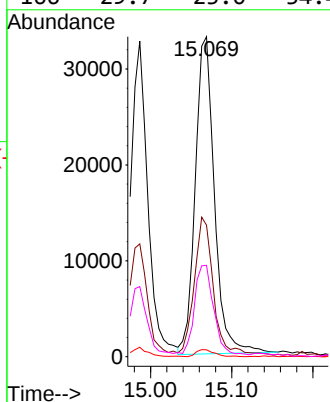
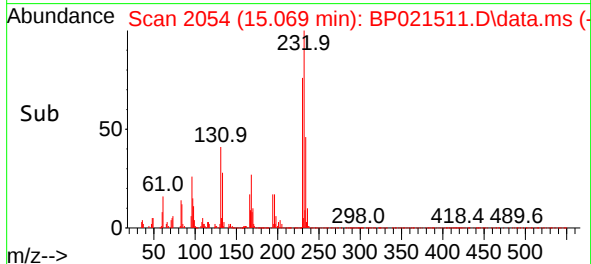
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT3-2024



Tgt Ion:232 Resp: 5426
Ion Ratio Lower Upper
232 100
131 45.3 33.1 49.7
130 2.1 1.7 2.5
166 29.7 23.0 34.4

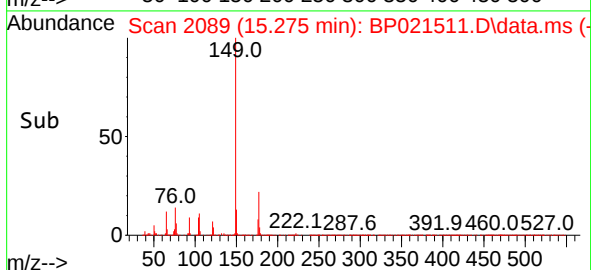
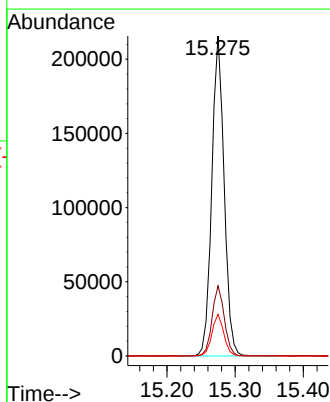
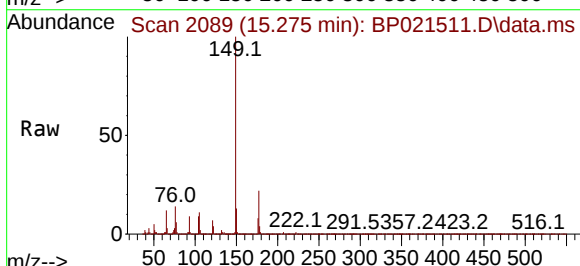
Manual Integrations
APPROVED

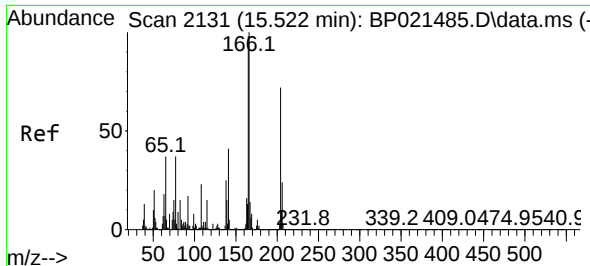
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#60
Diethylphthalate
Concen: 4.067 ng
RT: 15.275 min Scan# 2089
Delta R.T. -0.029 min
Lab File: BP021511.D
Acq: 15 Aug 2024 12:43

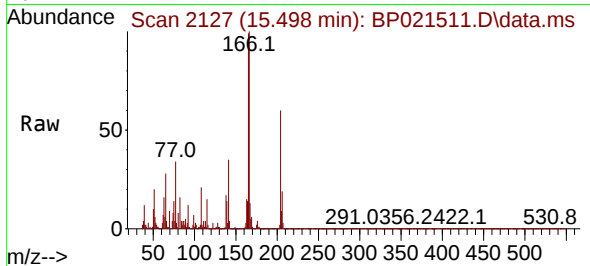
Tgt Ion:149 Resp: 271350
Ion Ratio Lower Upper
149 100
177 21.9 17.8 26.8
150 13.0 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 4.192 ng
RT: 15.498 min Scan# 2127
Delta R.T. -0.024 min
Lab File: BP021511.D
Acq: 15 Aug 2024 12:43

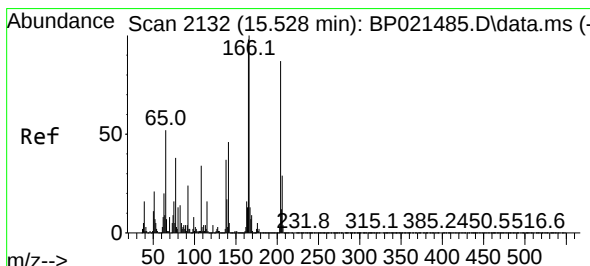
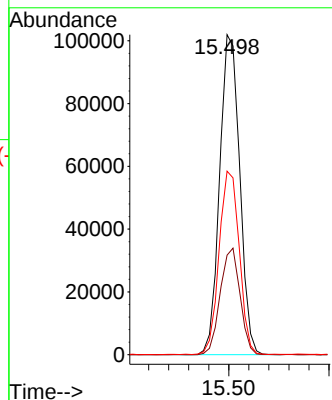
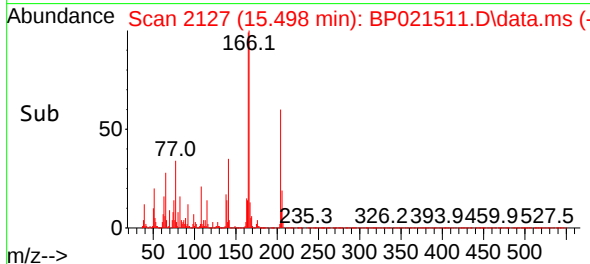
Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT3-2024



Tgt Ion: 204 Resp: 141278
Ion Ratio Lower Upper
204 100
206 31.1 26.4 39.6
141 57.4 46.1 69.1

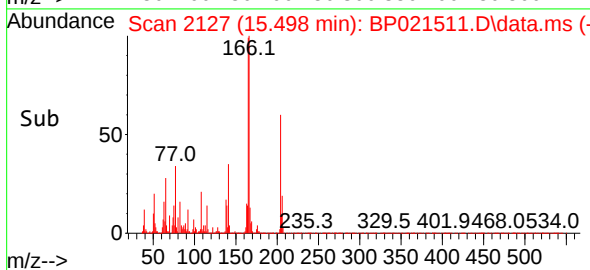
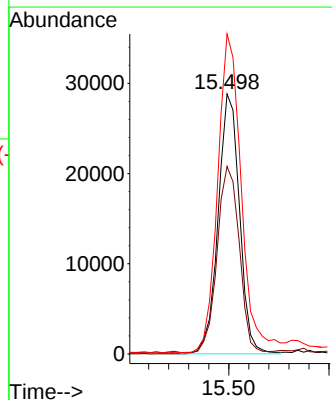
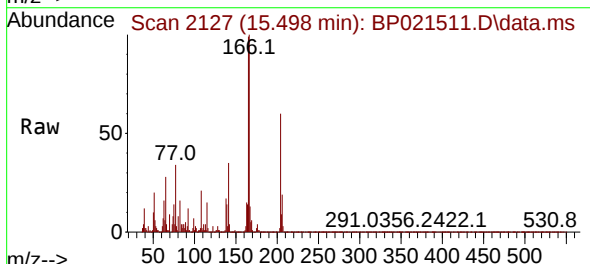
Manual Integrations
APPROVED

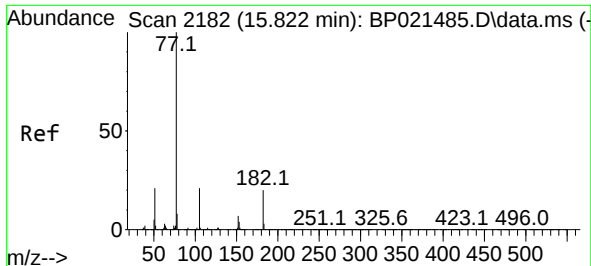
Reviewed By : Jagrut Upadhyay 08/16/2024
Supervised By : mohammad ahmed 08/17/2024



#62
4-Nitroaniline
Concen: 5.947 ng
RT: 15.498 min Scan# 2127
Delta R.T. -0.030 min
Lab File: BP021511.D
Acq: 15 Aug 2024 12:43

Tgt Ion: 138 Resp: 42542
Ion Ratio Lower Upper
138 100
92 72.2 46.4 86.4
108 123.1 73.2 113.2#





#63
Azobenzene
Concen: 4.253 ng
RT: 15.798 min Scan# 2182
Delta R.T. -0.024 min
Lab File: BP021511.D
Acq: 15 Aug 2024 12:43

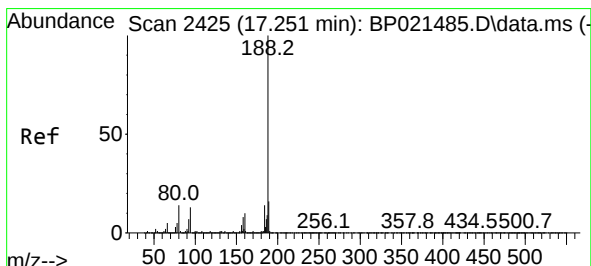
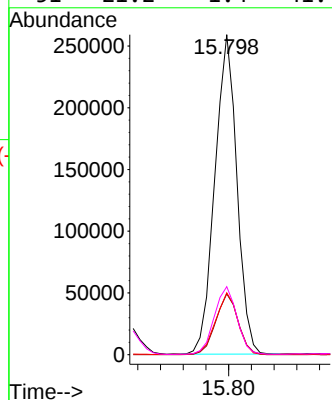
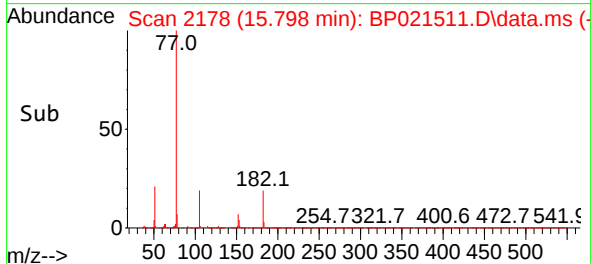
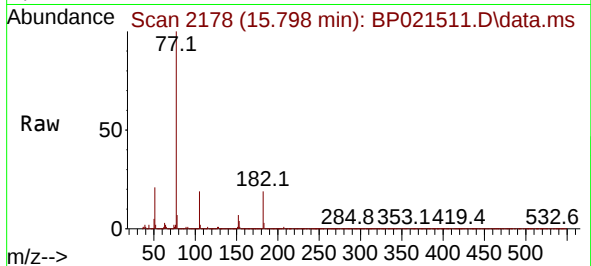
Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT3-2024

Tgt Ion: 77 Resp: 34888

Ion	Ratio	Lower	Upper
77	100		
182	19.0	0.0	39.9
105	19.3	0.9	40.9
51	21.2	1.4	41.4

Manual Integrations
APPROVED

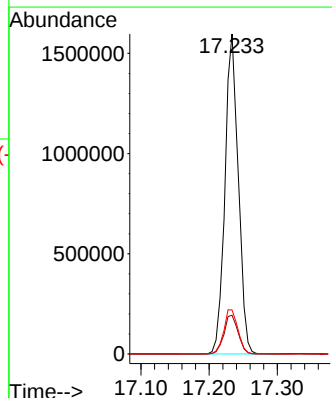
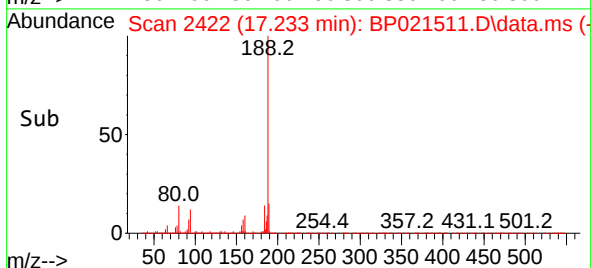
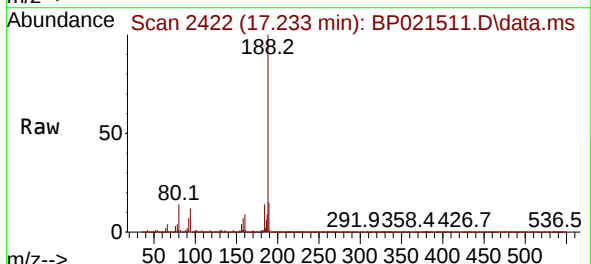
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024

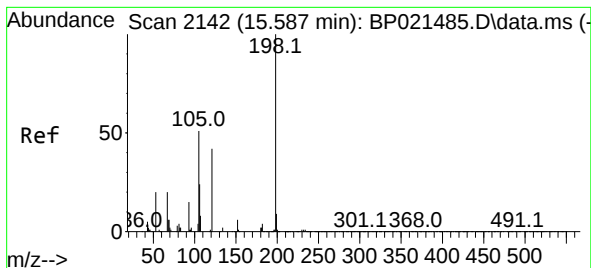


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.233 min Scan# 2422
Delta R.T. -0.018 min
Lab File: BP021511.D
Acq: 15 Aug 2024 12:43

Tgt Ion:188 Resp: 2174560

Ion	Ratio	Lower	Upper
188	100		
94	12.1	10.2	15.4
80	13.7	11.6	17.4





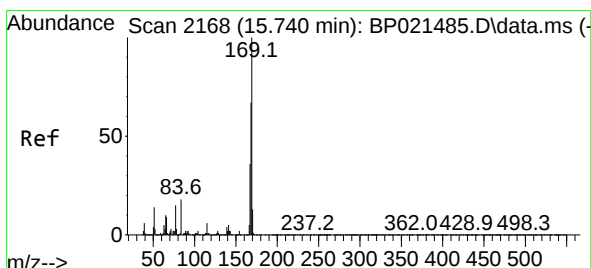
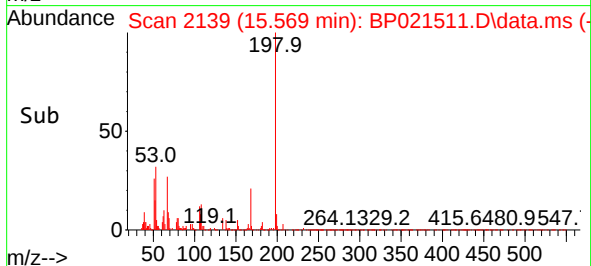
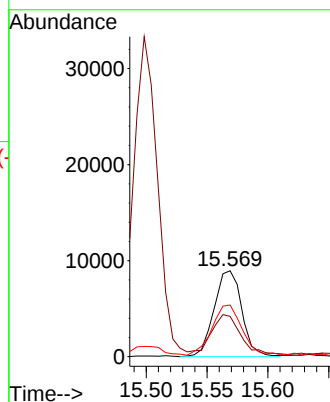
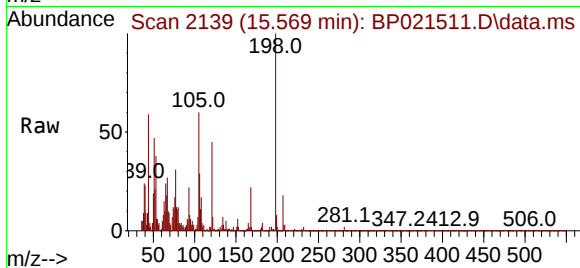
#65
4,6-Dinitro-2-methylphenol
Concen: 7.352 ng
RT: 15.569 min Scan# 2142
Delta R.T. -0.018 min
Lab File: BP021511.D
Acq: 15 Aug 2024 12:43

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

Tgt Ion:198 Resp: 14162
Ion Ratio Lower Upper
198 100
51 46.9 21.5 61.5
105 60.2 32.9 72.9

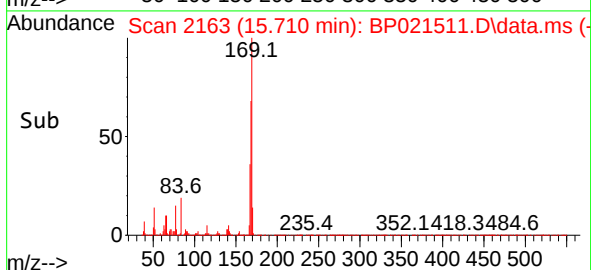
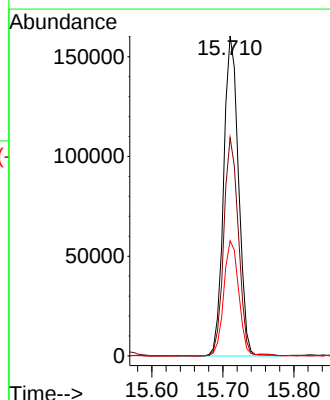
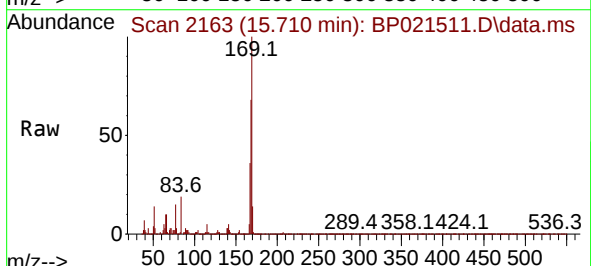
Manual Integrations
APPROVED

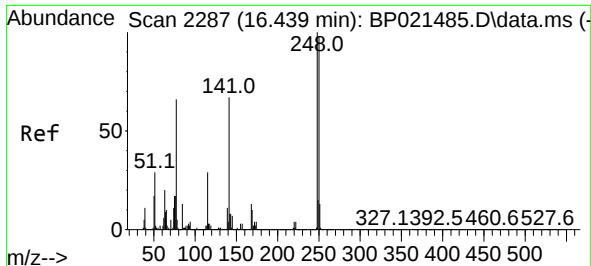
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#66
n-Nitrosodiphenylamine
Concen: 3.990 ng
RT: 15.710 min Scan# 2163
Delta R.T. -0.029 min
Lab File: BP021511.D
Acq: 15 Aug 2024 12:43

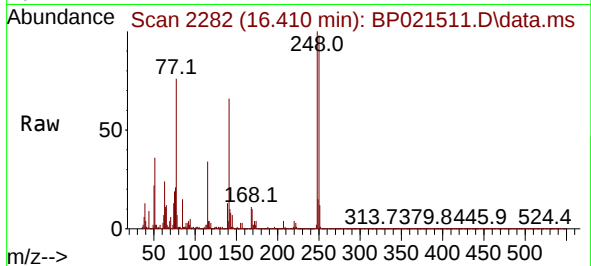
Tgt Ion:169 Resp: 232508
Ion Ratio Lower Upper
169 100
168 68.2 53.4 80.2
167 36.0 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 3.477 ng
RT: 16.410 min Scan# 21
Delta R.T. -0.029 min
Lab File: BP021511.D
Acq: 15 Aug 2024 12:43

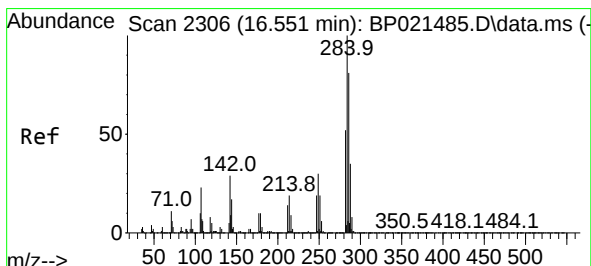
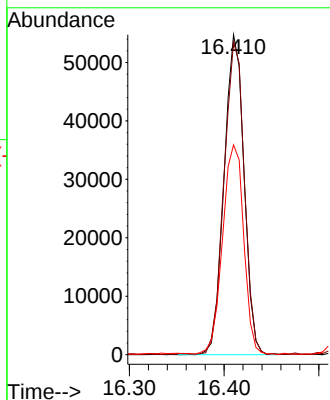
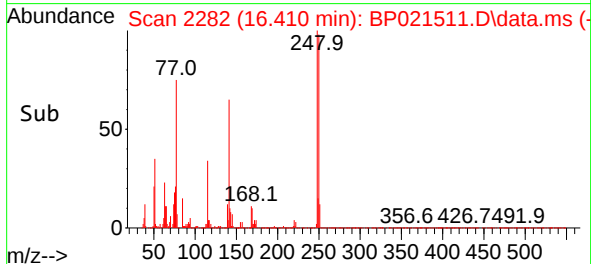
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT3-2024



Tgt Ion:248 Resp: 8003
Ion Ratio Lower Upper
248 100
250 97.8 78.6 117.8
141 65.6 53.9 80.9

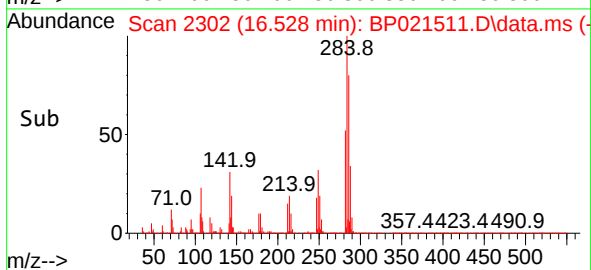
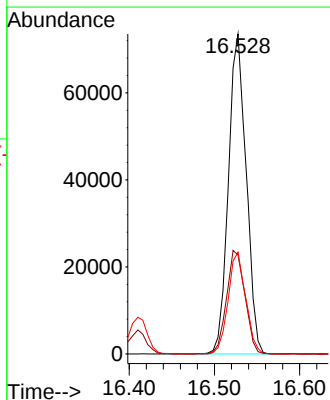
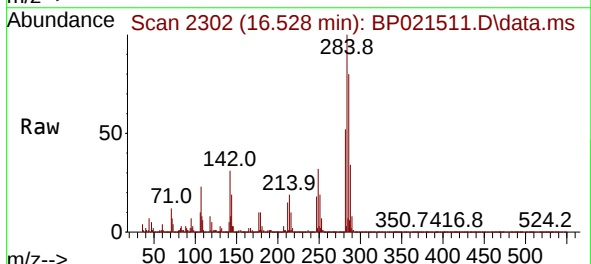
Manual Integrations
APPROVED

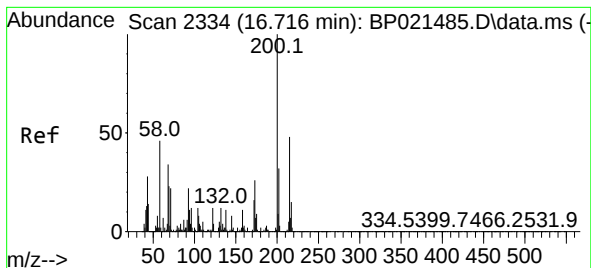
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#68
Hexachlorobenzene
Concen: 3.912 ng
RT: 16.528 min Scan# 2302
Delta R.T. -0.024 min
Lab File: BP021511.D
Acq: 15 Aug 2024 12:43

Tgt Ion:284 Resp: 106403
Ion Ratio Lower Upper
284 100
142 30.9 23.4 35.2
249 31.8 24.1 36.1





#69

Atrazine

Concen: 4.064 ng

RT: 16.686 min Scan# 21

Delta R.T. -0.029 min

Lab File: BP021511.D

Acq: 15 Aug 2024 12:43

Instrument :

BNA_P

ClientSampleId :

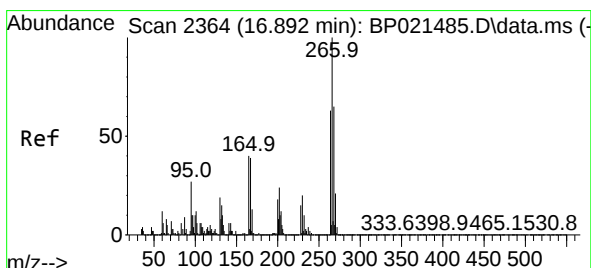
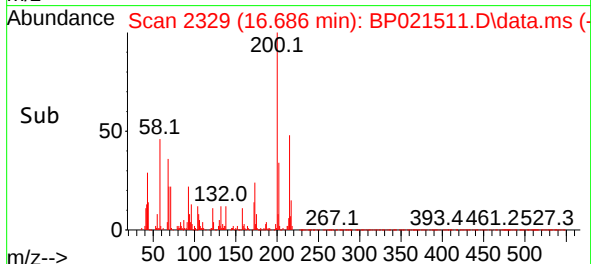
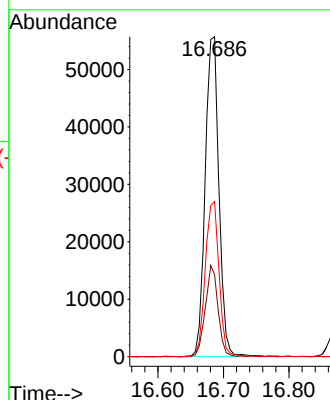
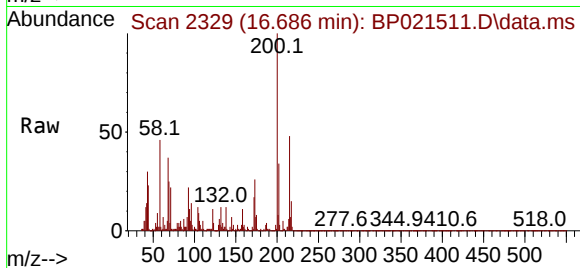
MDL-WATER-03-QT3-2024

Tgt Ion:200 Resp: 81300
 Ion Ratio Lower Upper
 200 100
 173 25.6 6.2 46.2
 215 48.5 28.4 68.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/16/2024
 Supervised By :mohammad ahmed 08/17/2024



#70

Pentachlorophenol

Concen: 2.765 ng

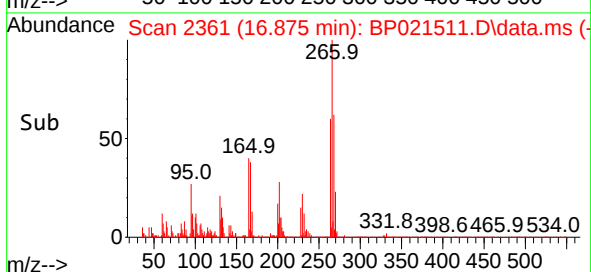
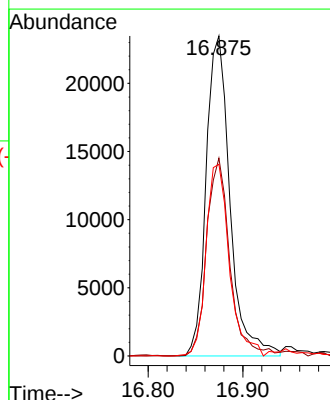
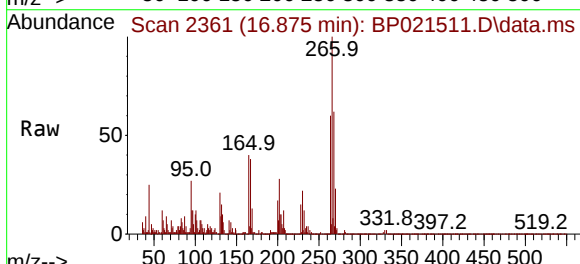
RT: 16.875 min Scan# 2361

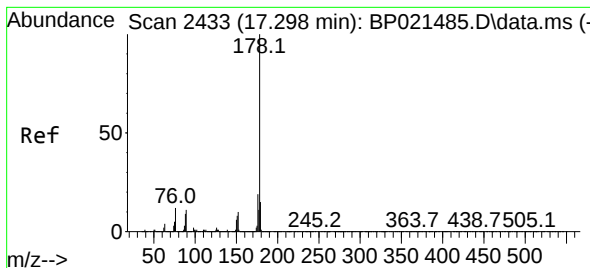
Delta R.T. -0.017 min

Lab File: BP021511.D

Acq: 15 Aug 2024 12:43

Tgt Ion:266 Resp: 41045
 Ion Ratio Lower Upper
 266 100
 268 61.8 51.8 77.6
 264 59.9 50.5 75.7





#71

Phenanthrene

Concen: 4.332 ng

RT: 17.275 min Scan# 2429

Delta R.T. -0.024 min

Lab File: BP021511.D

Acq: 15 Aug 2024 12:43

Instrument :

BNA_P

ClientSampleId :

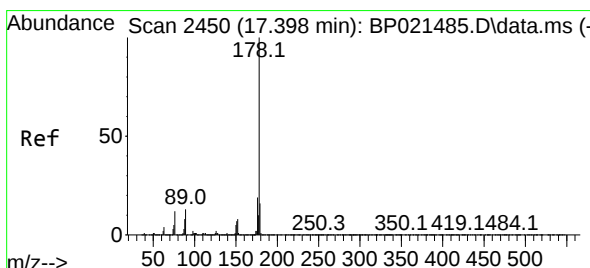
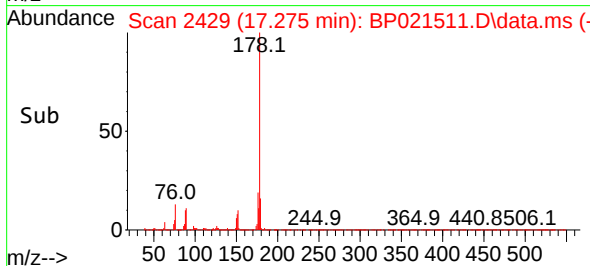
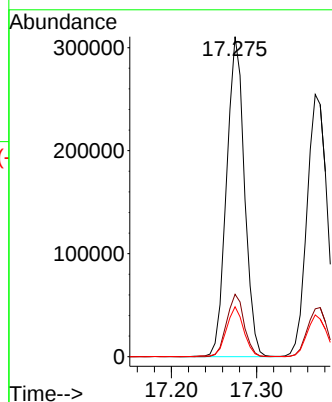
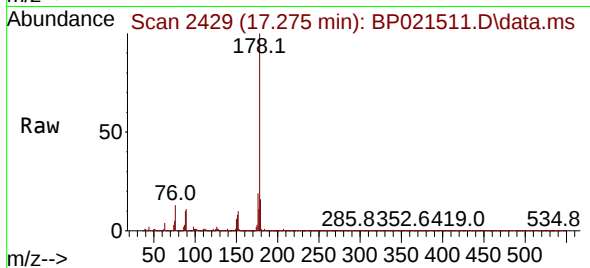
MDL-WATER-03-QT3-2024

Tgt Ion:178 Resp: 453059
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.4 23.2
 179 15.6 12.4 18.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/16/2024
 Supervised By :mohammad ahmed 08/17/2024



#72

Anthracene

Concen: 4.095 ng

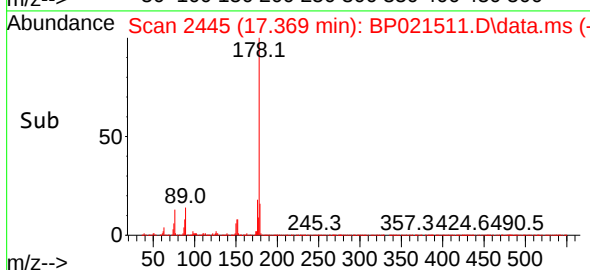
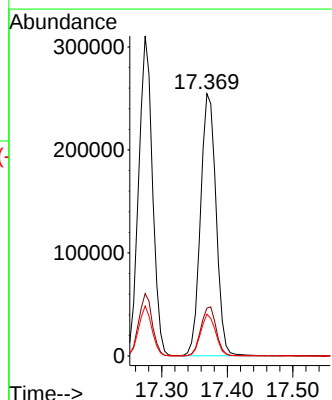
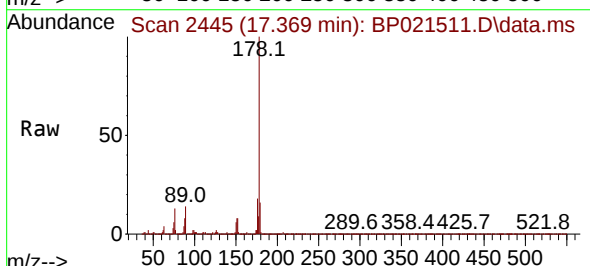
RT: 17.369 min Scan# 2445

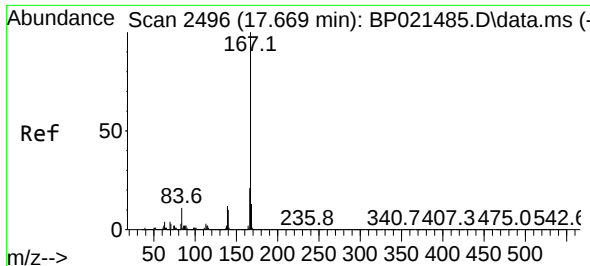
Delta R.T. -0.029 min

Lab File: BP021511.D

Acq: 15 Aug 2024 12:43

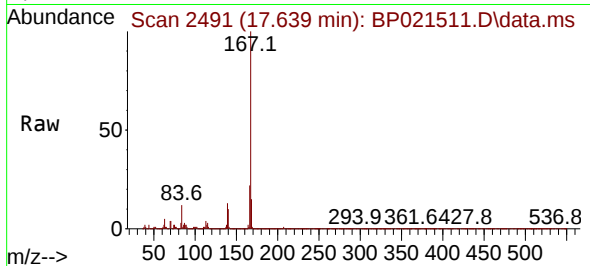
Tgt Ion:178 Resp: 419961
 Ion Ratio Lower Upper
 178 100
 176 18.2 14.9 22.3
 179 15.9 12.5 18.7





#73
 Carbazole
 Concen: 4.065 ng
 RT: 17.639 min Scan# 2496
 Delta R.T. -0.029 min
 Lab File: BP021511.D
 Acq: 15 Aug 2024 12:43

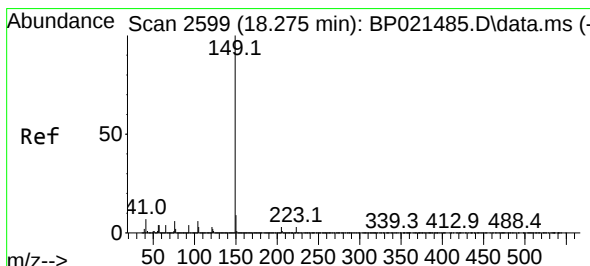
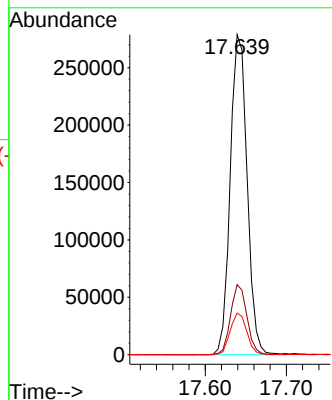
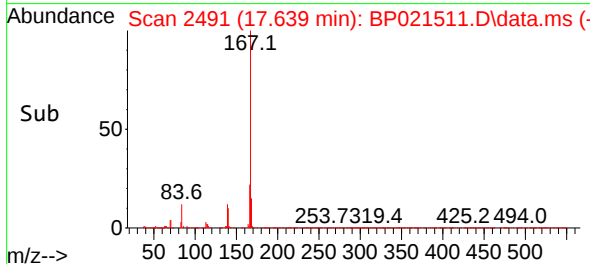
Instrument : BNA_P
 ClientSampleId : MDL-WATER-03-QT3-2024



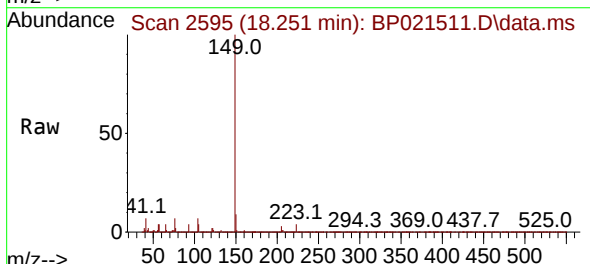
Tgt Ion:167 Resp: 401758
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.0 25.4
 139 13.0 9.9 14.9

Manual Integrations
 APPROVED

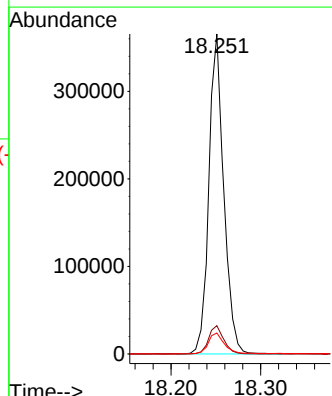
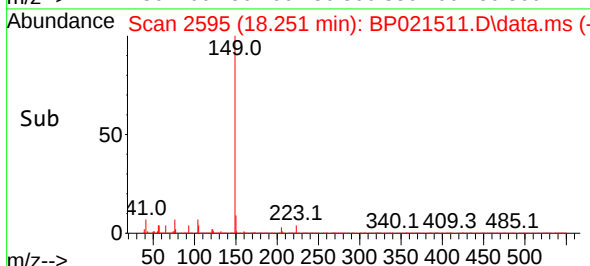
Reviewed By :Jagrut Upadhyay 08/16/2024
 Supervised By :mohammad ahmed 08/17/2024

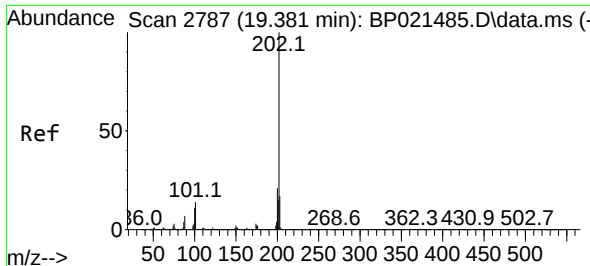


#74
 Di-n-butylphthalate
 Concen: 3.458 ng
 RT: 18.251 min Scan# 2595
 Delta R.T. -0.024 min
 Lab File: BP021511.D
 Acq: 15 Aug 2024 12:43



Tgt Ion:149 Resp: 419758
 Ion Ratio Lower Upper
 149 100
 150 8.8 7.5 11.3
 104 6.6 4.9 7.3





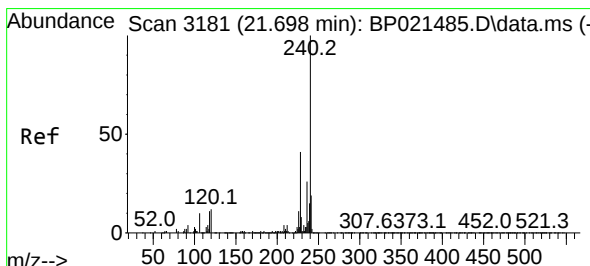
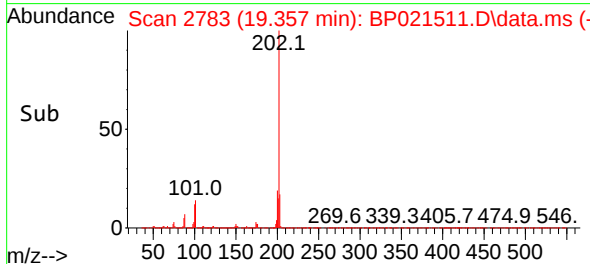
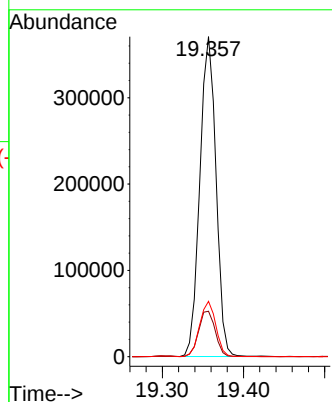
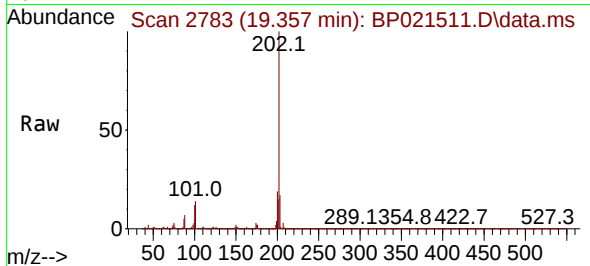
#75
Fluoranthene
Concen: 4.003 ng
RT: 19.357 min Scan# 21
Delta R.T. -0.024 min
Lab File: BP021511.D
Acq: 15 Aug 2024 12:43

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

Tgt Ion:202 Resp: 513652
Ion Ratio Lower Upper
202 100
101 14.2 0.0 34.0
203 17.3 0.0 37.5

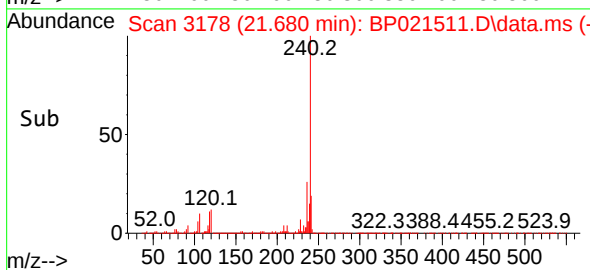
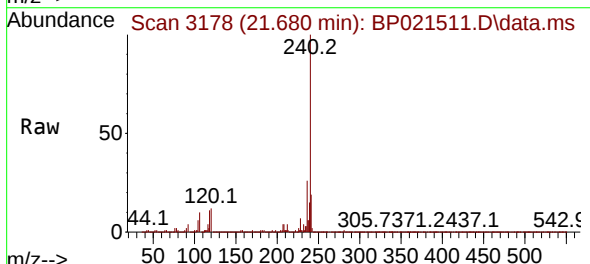
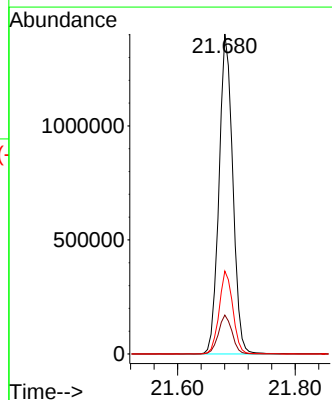
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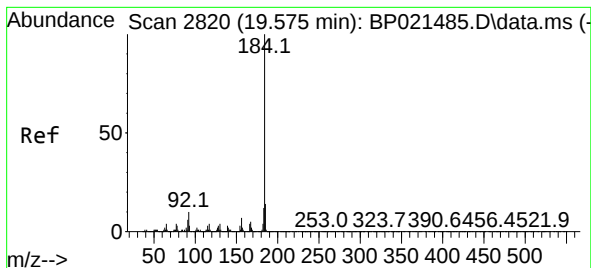
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.680 min Scan# 3178
Delta R.T. -0.018 min
Lab File: BP021511.D
Acq: 15 Aug 2024 12:43

Tgt Ion:240 Resp: 2274673
Ion Ratio Lower Upper
240 100
120 12.1 9.9 14.9
236 25.9 20.6 30.8





#77

Benzidine

Concen: 6.883 ng

RT: 19.545 min Scan# 2815

Delta R.T. -0.030 min

Lab File: BP021511.D

Acq: 15 Aug 2024 12:43

Instrument :

BNA_P

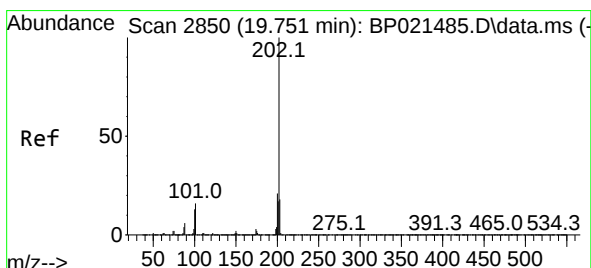
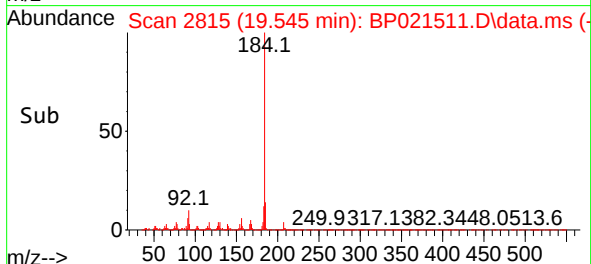
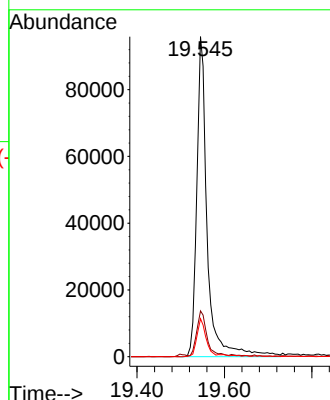
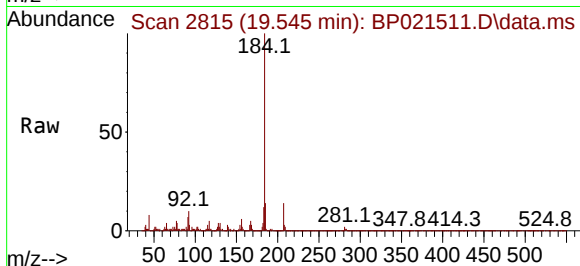
ClientSampleId :

MDL-WATER-03-QT3-2024

Tgt Ion:184 Resp: 159632
 Ion Ratio Lower Upper
 184 100
 185 14.3 11.4 17.0
 183 11.8 9.3 13.9

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Reviewed By :Jagrut Upadhyay 08/16/2024
 Supervised By :mohammad ahmed 08/17/2024



#78

Pyrene

Concen: 3.756 ng

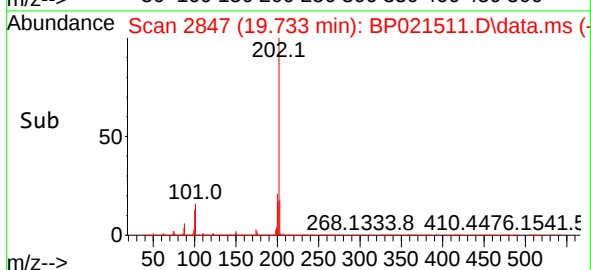
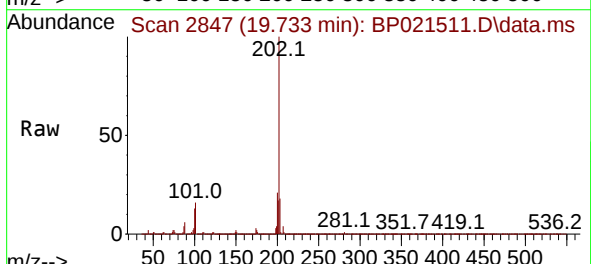
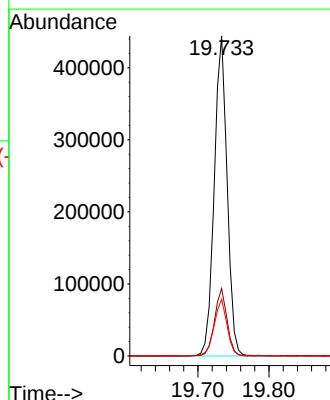
RT: 19.733 min Scan# 2847

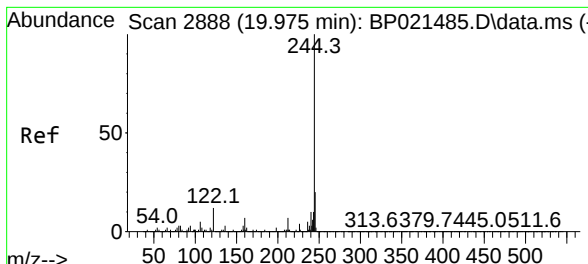
Delta R.T. -0.018 min

Lab File: BP021511.D

Acq: 15 Aug 2024 12:43

Tgt Ion:202 Resp: 558440
 Ion Ratio Lower Upper
 202 100
 200 21.0 16.7 25.1
 203 17.8 14.1 21.1





#79
 Terphenyl-d14
 Concen: 79.321 ng
 RT: 19.957 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BP021511.D
 Acq: 15 Aug 2024 12:43

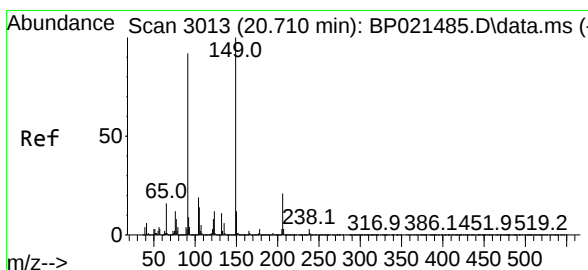
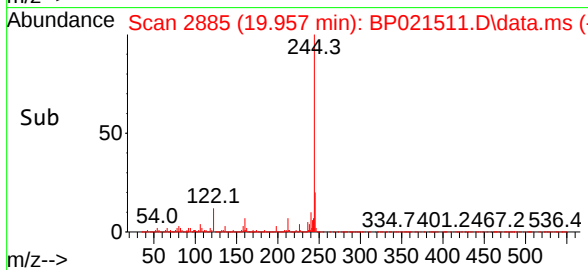
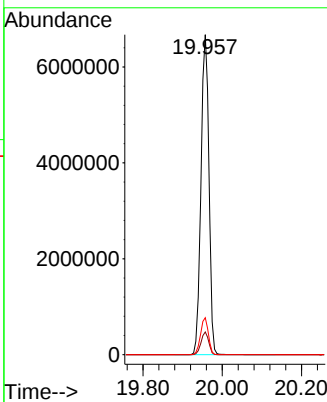
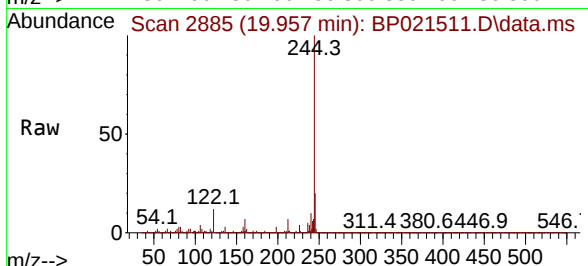
Instrument : BNA_P
 ClientSampleId : MDL-WATER-03-QT3-2024

Tgt Ion:244 Resp: 928736

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	11.6	9.4	14.2

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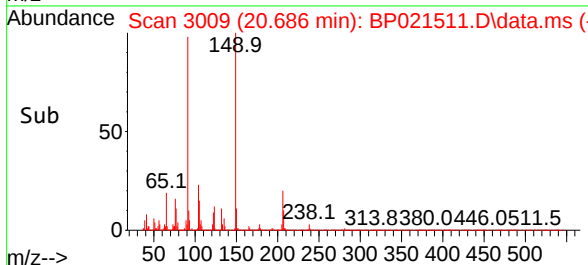
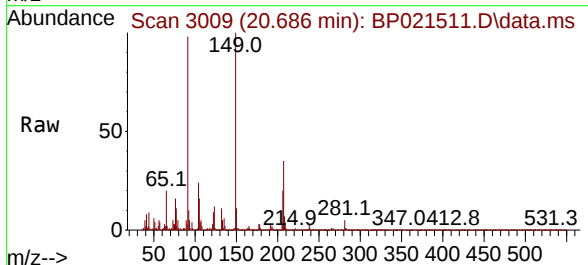
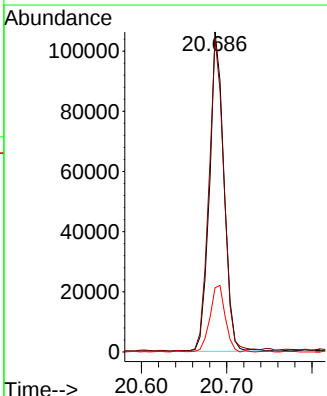
Reviewed By :Jagrut Upadhyay 08/16/2024
 Supervised By :mohammad ahmed 08/17/2024

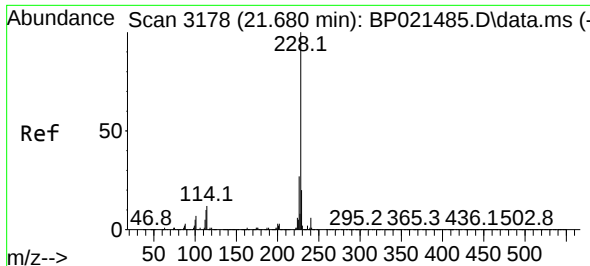


#80
 Butylbenzylphthalate
 Concen: 5.670 ng
 RT: 20.686 min Scan# 3009
 Delta R.T. -0.024 min
 Lab File: BP021511.D
 Acq: 15 Aug 2024 12:43

Tgt Ion:149 Resp: 126141

Ion	Ratio	Lower	Upper
149	100		
91	98.0	73.3	109.9
206	20.1	17.1	25.7





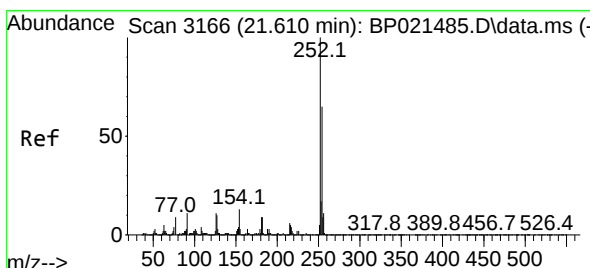
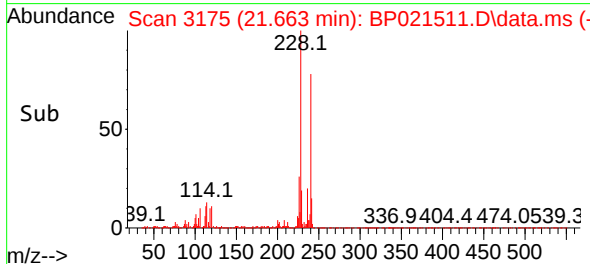
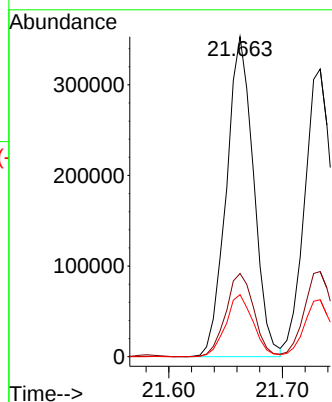
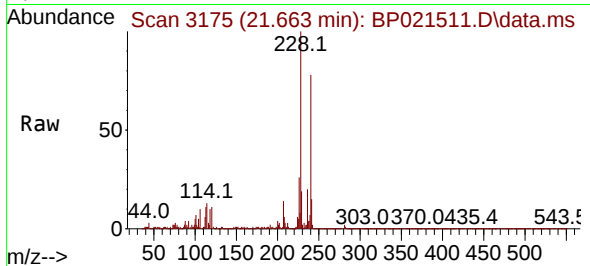
#81
Benzo(a)anthracene
Concen: 4.118 ng
RT: 21.663 min Scan# 3175
Delta R.T. -0.018 min
Lab File: BP021511.D
Acq: 15 Aug 2024 12:43

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

Tgt Ion:228 Resp: 58796
Ion Ratio Lower Upper
228 100
226 26.0 21.4 32.2
229 19.4 15.8 23.6

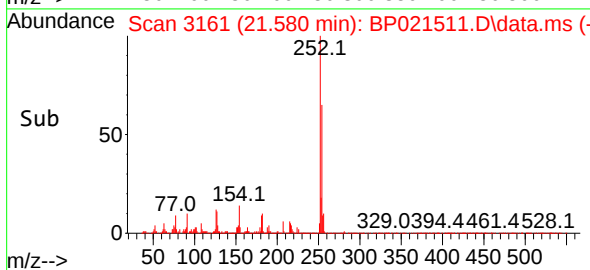
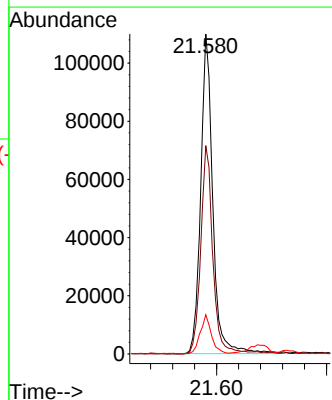
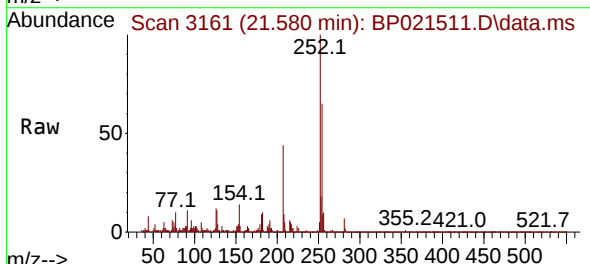
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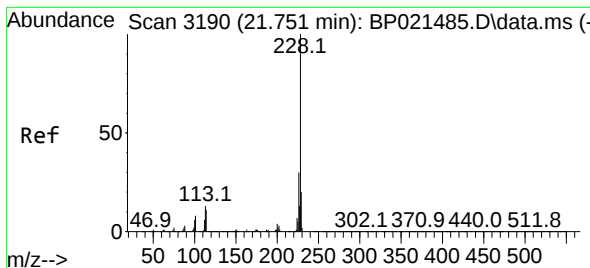
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#82
3,3'-Dichlorobenzidine
Concen: 3.667 ng
RT: 21.580 min Scan# 3161
Delta R.T. -0.029 min
Lab File: BP021511.D
Acq: 15 Aug 2024 12:43

Tgt Ion:252 Resp: 167908
Ion Ratio Lower Upper
252 100
254 65.1 51.7 77.5
126 12.3 8.7 13.1





#83

Chrysene

Concen: 4.084 ng

RT: 21.733 min Scan# 3190

Delta R.T. -0.018 min

Lab File: BP021511.D

Acq: 15 Aug 2024 12:43

Instrument :

BNA_P

ClientSampleId :

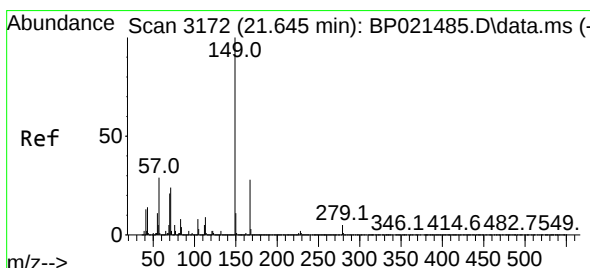
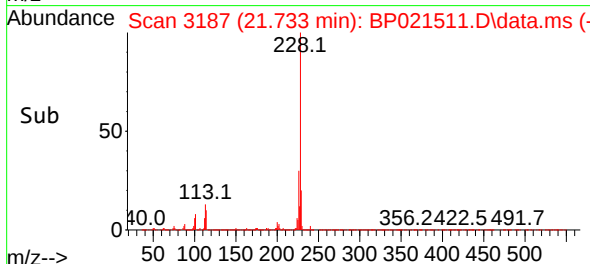
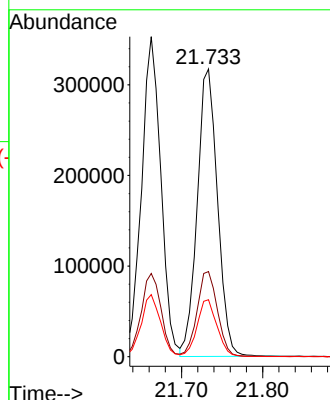
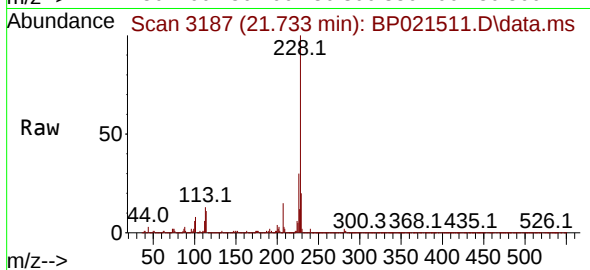
MDL-WATER-03-QT3-2024

Tgt Ion:	228	Resp:	55063
Ion Ratio	Lower	Upper	
228	100		
226	29.6	23.9	35.9
229	19.8	15.8	23.6

Manual Integrations

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Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.009 ng

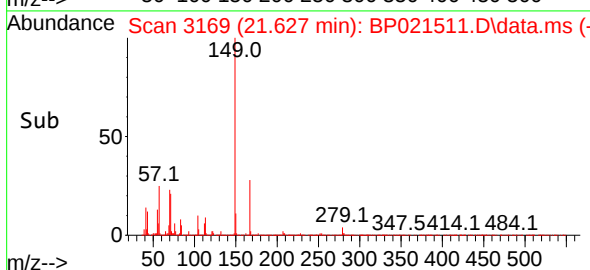
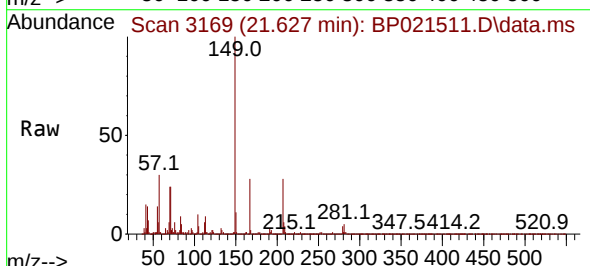
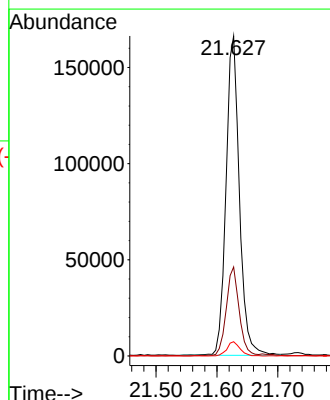
RT: 21.627 min Scan# 3169

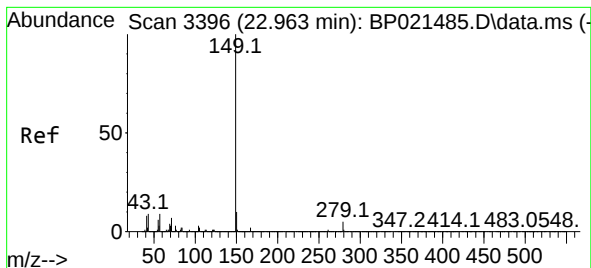
Delta R.T. -0.018 min

Lab File: BP021511.D

Acq: 15 Aug 2024 12:43

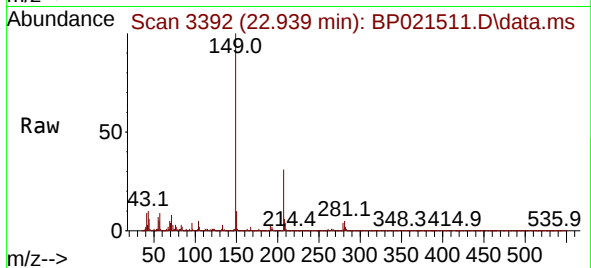
Tgt Ion:	149	Resp:	253922
Ion Ratio	Lower	Upper	
149	100		
167	27.8	22.3	33.5
279	4.4	3.8	5.6





#85
Di-n-octyl phthalate
Concen: 6.732 ng
RT: 22.939 min Scan# 31248
Delta R.T. -0.024 min
Lab File: BP021511.D
Acq: 15 Aug 2024 12:43

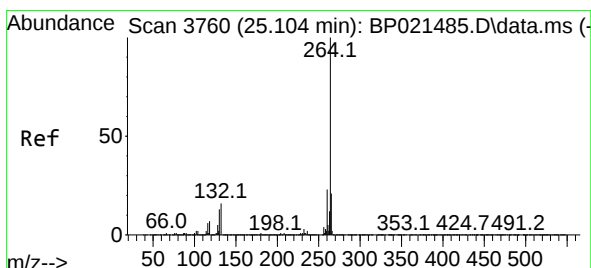
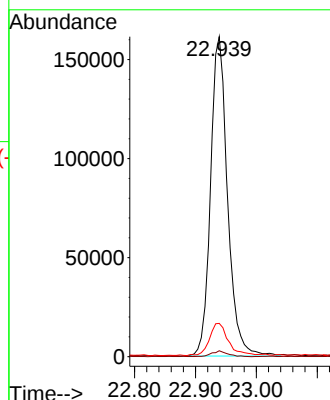
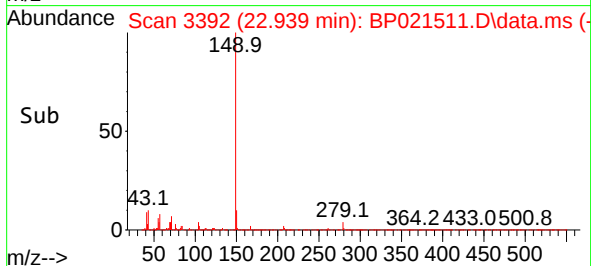
Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT3-2024



Tgt Ion:149 Resp: 31248
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 11.2 7.3 10.9

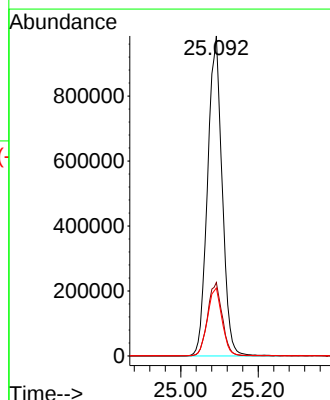
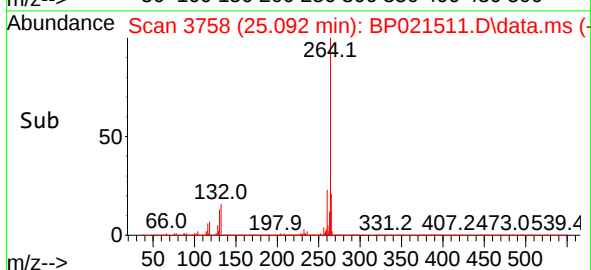
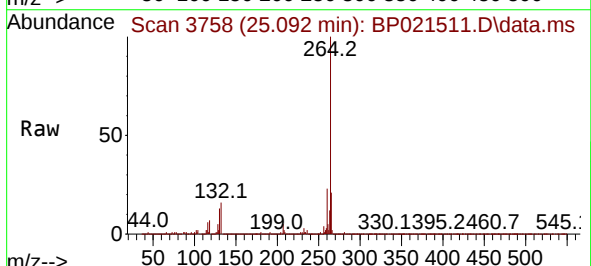
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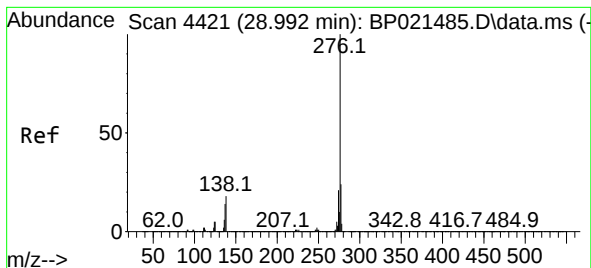
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.092 min Scan# 3758
Delta R.T. -0.012 min
Lab File: BP021511.D
Acq: 15 Aug 2024 12:43

Tgt Ion:264 Resp: 2564034
Ion Ratio Lower Upper
264 100
260 22.9 18.6 28.0
265 21.3 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.669 ng m

RT: 28.927 min Scan# 4421

Delta R.T. -0.065 min

Lab File: BP021511.D

Acq: 15 Aug 2024 12:43

Instrument :

BNA_P

ClientSampleId :

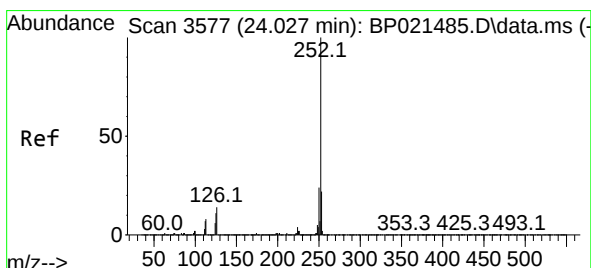
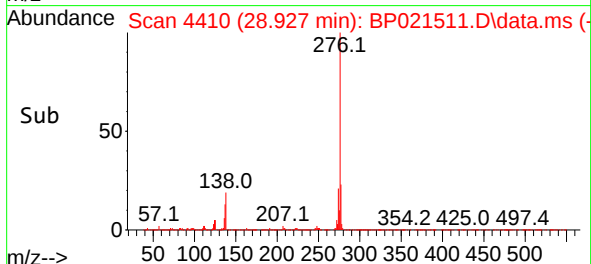
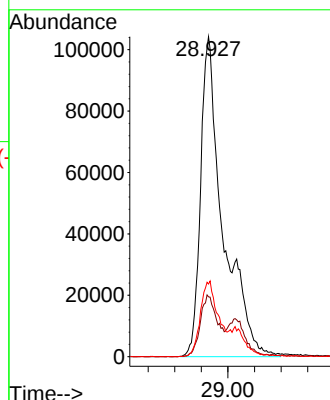
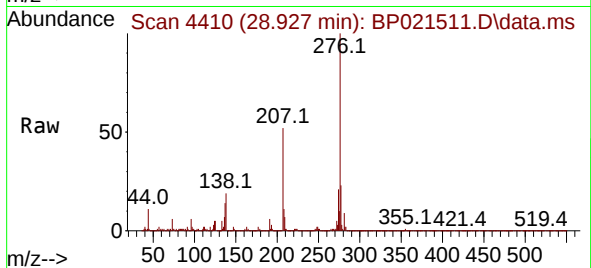
MDL-WATER-03-QT3-2024

Tgt Ion:	276	Resp:	60979
Ion Ratio	Lower	Upper	
276	100		
138	14.8	12.8	19.2
277	19.0	16.5	24.7

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Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#88

Benzo(b)fluoranthene

Concen: 3.696 ng

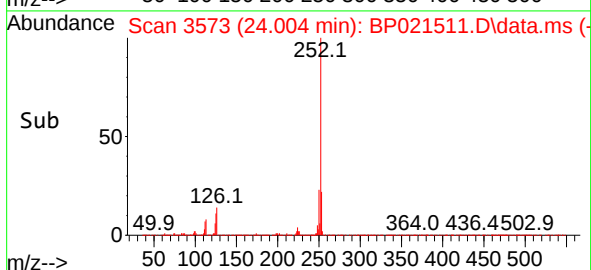
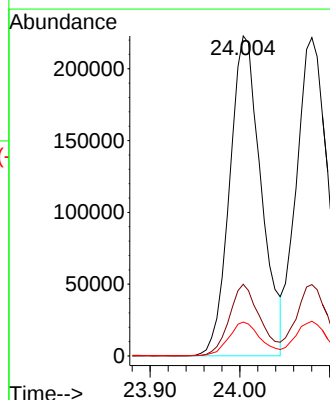
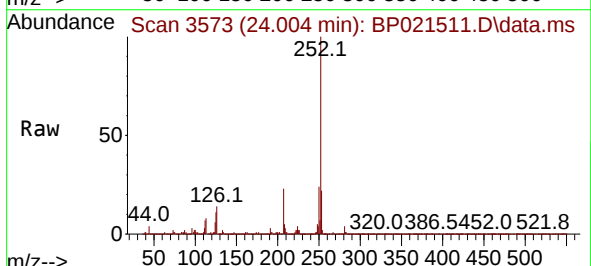
RT: 24.004 min Scan# 3573

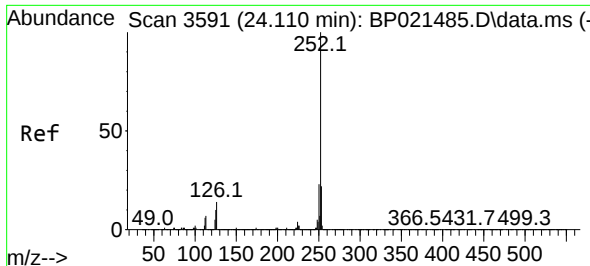
Delta R.T. -0.024 min

Lab File: BP021511.D

Acq: 15 Aug 2024 12:43

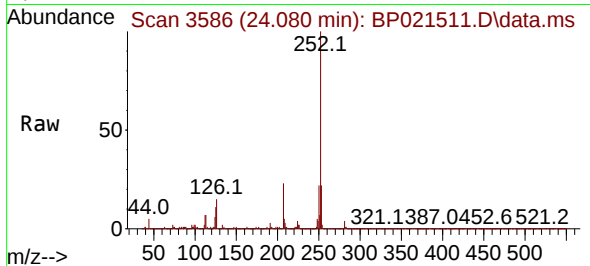
Tgt Ion:	252	Resp:	544280
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.6	26.4
125	10.6	8.6	13.0





#89
Benzo(k)fluoranthene
Concen: 3.801 ng
RT: 24.080 min Scan# 31
Delta R.T. -0.029 min
Lab File: BP021511.D
Acq: 15 Aug 2024 12:43

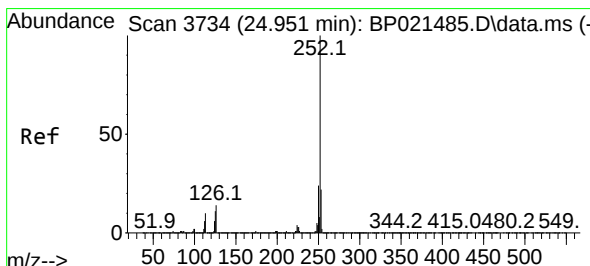
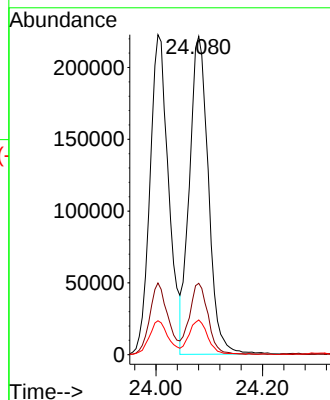
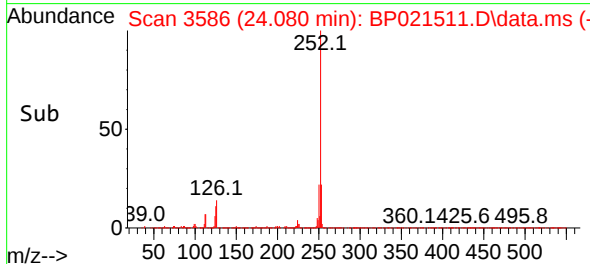
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT3-2024



Tgt Ion:252 Resp: 546052
Ion Ratio Lower Upper
252 100
253 22.4 17.5 26.3
125 10.9 7.8 11.8

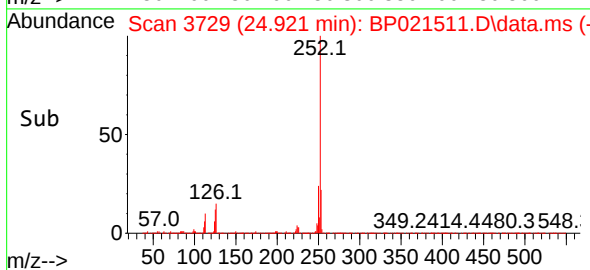
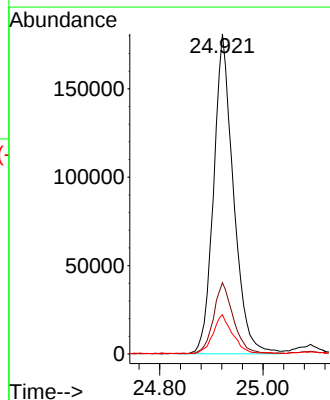
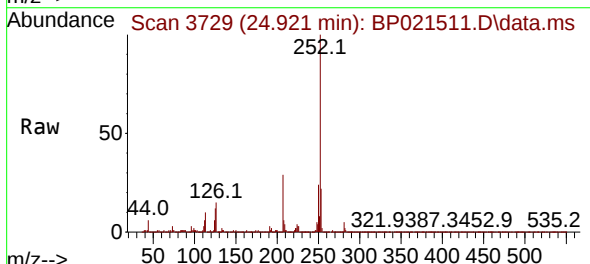
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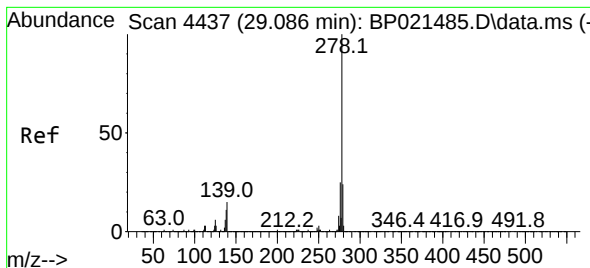
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#90
Benzo(a)pyrene
Concen: 3.779 ng
RT: 24.921 min Scan# 3729
Delta R.T. -0.029 min
Lab File: BP021511.D
Acq: 15 Aug 2024 12:43

Tgt Ion:252 Resp: 482964
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 12.3 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 3.712 ng

RT: 29.027 min Scan# 4437

Delta R.T. -0.059 min

Lab File: BP021511.D

Acq: 15 Aug 2024 12:43

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT3-2024

Tgt Ion:278 Resp: 512650

Ion Ratio Lower Upper

278 100

139 15.9 12.2 18.4

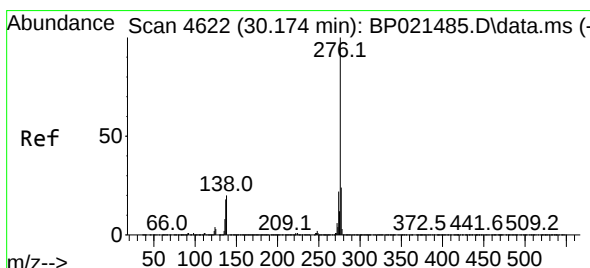
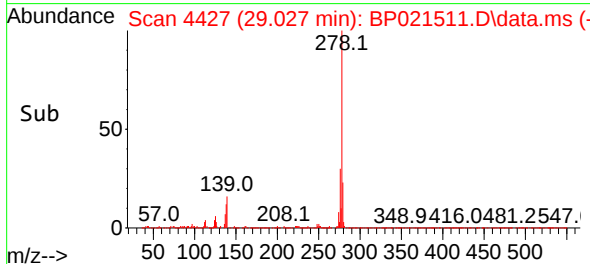
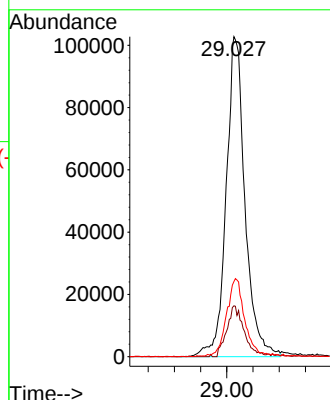
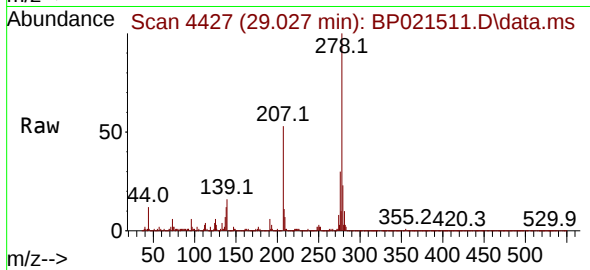
279 23.5 19.1 28.7

Manual Integrations

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Reviewed By :Jagrut Upadhyay 08/16/2024

Supervised By :mohammad ahmed 08/17/2024



#92

Benzo(g,h,i)perylene

Concen: 3.628 ng

RT: 30.121 min Scan# 4613

Delta R.T. -0.053 min

Lab File: BP021511.D

Acq: 15 Aug 2024 12:43

Tgt Ion:276 Resp: 502111

Ion Ratio Lower Upper

276 100

277 22.3 19.0 28.6

138 20.7 16.0 24.0

