

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092324\
 Data File : BP021981.D
 Acq On : 23 Sep 2024 13:51
 Operator : RC/JU
 Sample : P2403-09
 Misc : MDL-MDL-WATER-8 PPM
 ALS Vial : 8 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/25/2024
 Supervised By :mohammad ahmed 09/25/2024

Quant Time: Sep 23 14:16:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 20 01:22:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	113061	20.000	ng	0.00
21) Naphthalene-d8	10.475	136	444284	20.000	ng	0.00
39) Acenaphthene-d10	14.322	164	320524	20.000	ng	0.00
64) Phenanthrene-d10	17.116	188	791065	20.000	ng	-0.02
76) Chrysene-d12	21.551	240	972704	20.000	ng	-0.01
86) Perylene-d12	24.845	264	1140585	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	740678	123.114	ng	0.00
7) Phenol-d6	6.899	99	969438	124.126	ng	0.00
23) Nitrobenzene-d5	8.857	82	756106	90.051	ng	0.00
42) 2,4,6-Tribromophenol	15.834	330	789902	132.932	ng	-0.02
45) 2-Fluorobiphenyl	12.940	172	1967484	89.605	ng	0.00
79) Terphenyl-d14	19.845	244	4022556	77.683	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.258	88	21076	8.437	ng	100
3) Pyridine	3.664	79	46403	6.965	ng	96
4) n-Nitrosodimethylamine	3.564	42	28344	8.065	ng	# 98
6) Aniline	7.052	93	68813	10.027	ng	99
8) 2-Chlorophenol	7.287	128	55158	8.574	ng	93
9) Benzaldehyde	6.863	77	51060m	12.503	ng	
10) Phenol	6.922	94	65073	8.389	ng	99
11) bis(2-Chloroethyl)ether	7.146	93	52264	8.944	ng	97
12) 1,3-Dichlorobenzene	7.605	146	67280	8.284	ng	98
13) 1,4-Dichlorobenzene	7.746	146	69048	8.383	ng	96
14) 1,2-Dichlorobenzene	8.057	146	65987	8.347	ng	95
15) Benzyl Alcohol	7.952	79	50970	8.510	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.222	45	60404	9.692	ng	94
17) 2-Methylphenol	8.152	107	42819	8.171	ng	97
18) Hexachloroethane	8.781	117	25316	8.359	ng	94
19) n-Nitroso-di-n-propyla...	8.510	70	43449	8.950	ng	98
20) 3+4-Methylphenols	8.475	107	58256	7.875	ng	97
22) Acetophenone	8.522	105	92994	8.580	ng	# 98
24) Nitrobenzene	8.893	77	71615	8.399	ng	98
25) Isophorone	9.416	82	113475	8.197	ng	98
26) 2-Nitrophenol	9.599	139	27088	7.266	ng	95
27) 2,4-Dimethylphenol	9.657	122	26925	6.237	ng	93
28) bis(2-Chloroethoxy)met...	9.887	93	69306	8.350	ng	100
29) 2,4-Dichlorophenol	10.128	162	56504	7.711	ng	98
30) 1,2,4-Trichlorobenzene	10.340	180	72054	7.894	ng	99
31) Naphthalene	10.528	128	178905	8.070	ng	99
32) Benzoic acid	9.740	122	28300m	5.607	ng	
33) 4-Chloroaniline	10.628	127	67538	8.446	ng	96
34) Hexachlorobutadiene	10.810	225	54242	7.597	ng	97
35) Caprolactam	11.404	113	15726m	7.212	ng	
36) 4-Chloro-3-methylphenol	11.751	107	57167	7.272	ng	98
37) 2-Methylnaphthalene	12.134	142	131308	8.096	ng	99
38) 1-Methylnaphthalene	12.351	142	120767	7.541	ng	99
40) 1,2,4,5-Tetrachloroben...	12.504	216	95302	8.499	ng	98
41) Hexachlorocyclopentadiene	12.487	237	27755	6.661	ng	97
43) 2,4,6-Trichlorophenol	12.745	196	50432	7.327	ng	98

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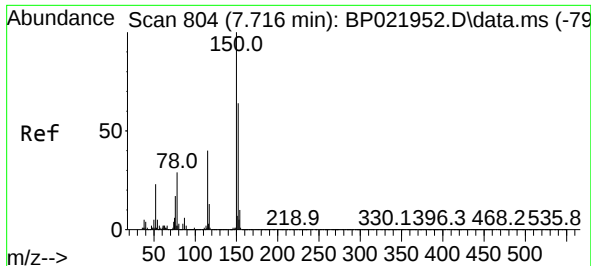
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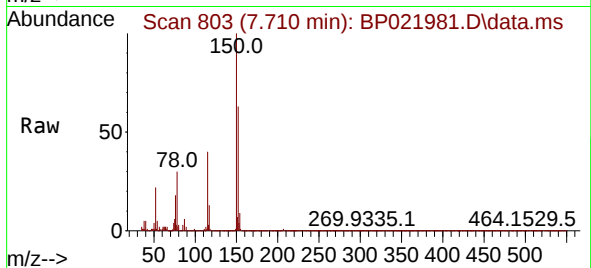
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.816	196	57483	7.445	ng	98
46) 1,1'-Biphenyl	13.145	154	185591	8.492	ng	98
47) 2-Chloronaphthalene	13.187	162	145412	8.229	ng	99
48) 2-Nitroaniline	13.392	65	34900	7.233	ng	92
49) Acenaphthylene	14.040	152	216982	8.702	ng	99
50) Dimethylphthalate	13.781	163	190685	8.203	ng	99
51) 2,6-Dinitrotoluene	13.892	165	36748	7.094	ng	96
52) Acenaphthene	14.387	154	131312	8.091	ng	98
53) 3-Nitroaniline	14.228	138	34554	7.485	ng	96
54) 2,4-Dinitrophenol	14.439	184	18082	5.958	ng	96
55) Dibenzofuran	14.716	168	233146	8.547	ng	99
56) 4-Nitrophenol	14.545	139	26776	6.663	ng	97
57) 2,4-Dinitrotoluene	14.687	165	52830	7.214	ng #	98
58) Fluorene	15.381	166	183452	8.053	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.951	232	59285	7.956	ng	98
60) Diethylphthalate	15.163	149	190670	8.071	ng	99
61) 4-Chlorophenyl-phenyle...	15.381	204	107809	8.129	ng	98
62) 4-Nitroaniline	15.398	138	37559	7.399	ng	94
63) Azobenzene	15.675	77	164949	8.438	ng	98
65) 4,6-Dinitro-2-methylph...	15.463	198	30686	6.692	ng	87
66) n-Nitrosodiphenylamine	15.598	169	162997	8.275	ng	99
67) 4-Bromophenyl-phenylether	16.286	248	73896	8.013	ng	98
68) Hexachlorobenzene	16.410	284	88299	7.680	ng	99
69) Atrazine	16.569	200	68993	9.776	ng	98
70) Pentachlorophenol	16.763	266	49411	6.388	ng	98
71) Phenanthrene	17.163	178	309017	8.138	ng	98
72) Anthracene	17.257	178	292063	7.945	ng	98
73) Carbazole	17.533	167	282641	7.961	ng	98
74) Di-n-butylphthalate	18.128	149	319974	7.673	ng	99
75) Fluoranthene	19.239	202	405251	7.646	ng	98
77) Benzidine	19.439	184	153315	12.898	ng	97
78) Pyrene	19.616	202	440361	7.484	ng	99
80) Butylbenzylphthalate	20.580	149	159677	7.608	ng	97
81) Benzo(a)anthracene	21.527	228	509378	8.150	ng	100
82) 3,3'-Dichlorobenzidine	21.451	252	176800	7.796	ng	99
83) Chrysene	21.598	228	485089	8.243	ng	99
84) Bis(2-ethylhexyl)phtha...	21.474	149	240855	7.819	ng	97
85) Di-n-octyl phthalate	22.716	149	407137	7.782	ng	99
87) Indeno(1,2,3-cd)pyrene	28.568	276	645795	8.513	ng	100
88) Benzo(b)fluoranthene	23.798	252	540993	8.020	ng	99
89) Benzo(k)fluoranthene	23.863	252	538311	8.433	ng	99
90) Benzo(a)pyrene	24.686	252	485296	8.351	ng	100
91) Dibenzo(a,h)anthracene	28.639	278	527022	8.418	ng #	96
92) Benzo(g,h,i)perylene	29.721	276	493937	7.702	ng	97

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.710 min Scan# 804
 Delta R.T. -0.006 min
 Lab File: BP021981.D
 Acq: 23 Sep 2024 13:51

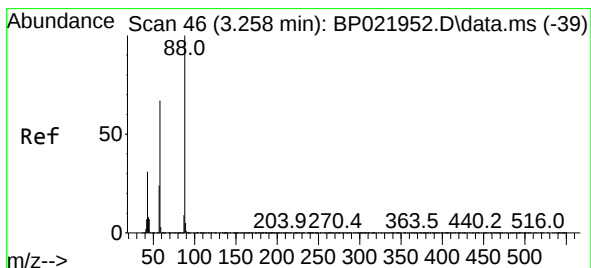
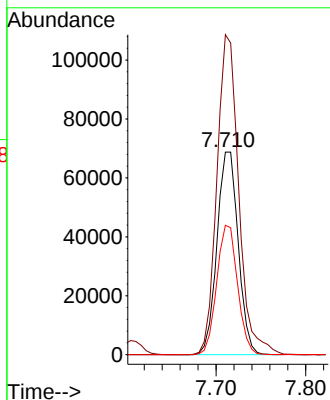
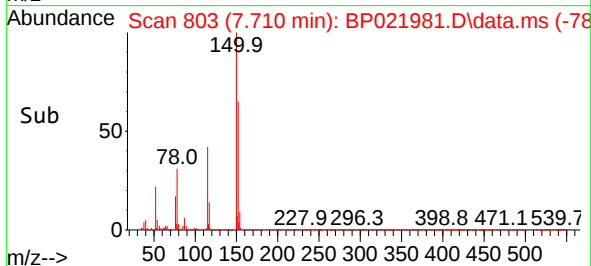
Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-03-QT2-2024



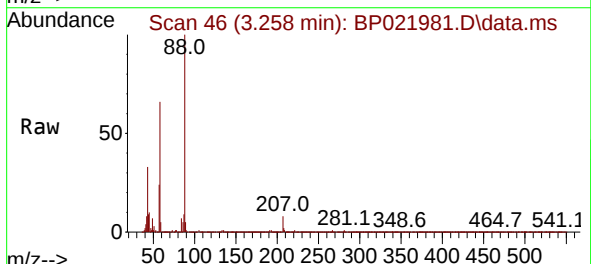
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 Ion Ratio Lower Upper
 152 100
 150 157.9 124.2 186.2
 115 63.9 49.2 73.8

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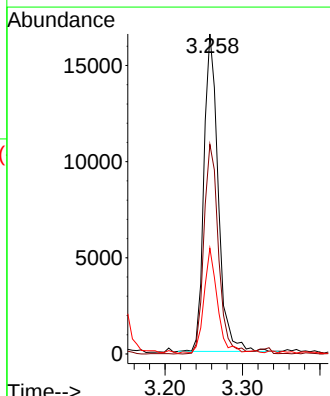
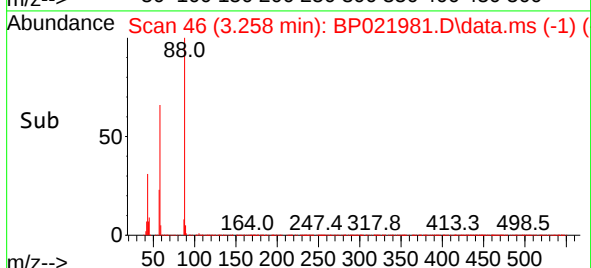
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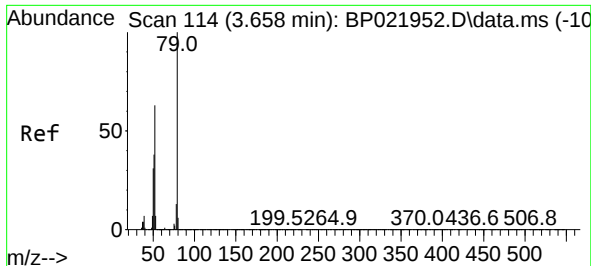


#2
 1,4-Dioxane
 Concen: 8.437 ng
 RT: 3.258 min Scan# 46
 Delta R.T. 0.000 min
 Lab File: BP021981.D
 Acq: 23 Sep 2024 13:51



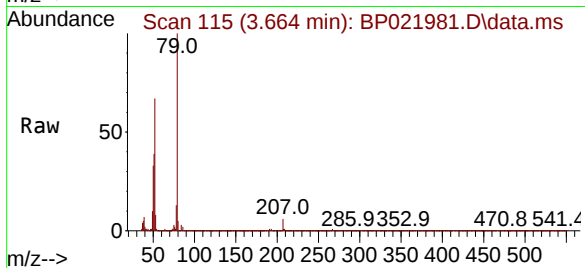
Tgt Ion: 88 Resp: 21076
 Ion Ratio Lower Upper
 88 100
 58 67.7 53.8 80.6
 43 31.4 25.2 37.8





#3
Pyridine
Concen: 6.965 ng
RT: 3.664 min Scan# 114
Delta R.T. 0.006 min
Lab File: BP021981.D
Acq: 23 Sep 2024 13:51

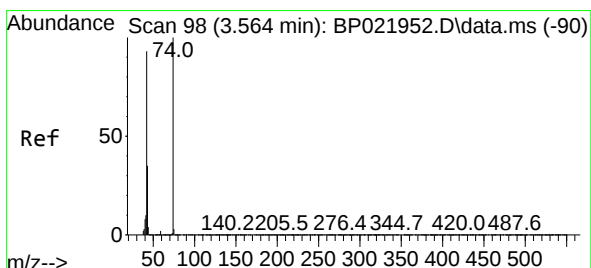
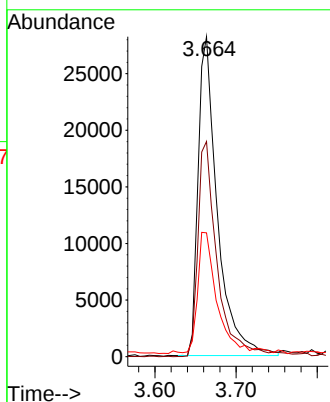
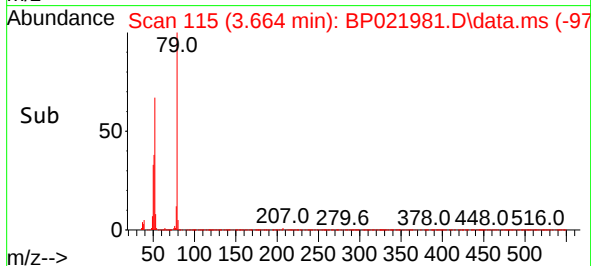
Instrument :
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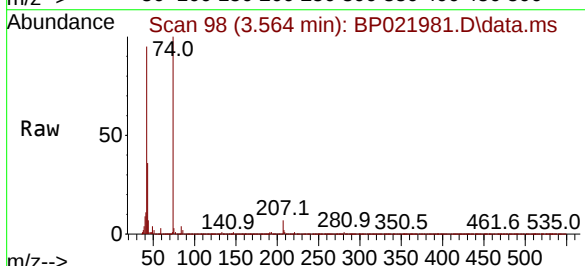
Tgt Ion: 79 Resp: 4640
Ion Ratio Lower Upper
79 100
52 67.2 50.3 75.5
51 38.7 30.9 46.3

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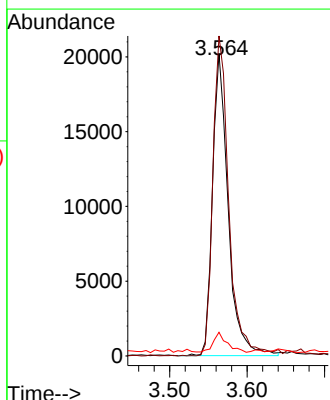
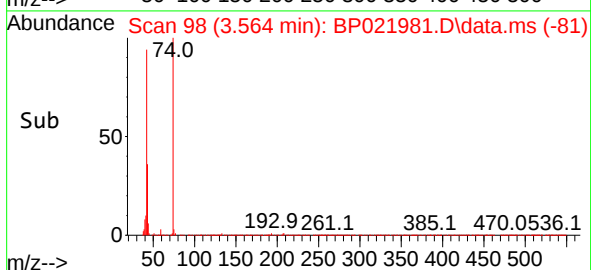
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024

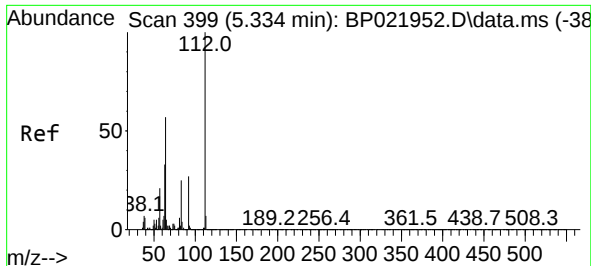


#4
n-Nitrosodimethylamine
Concen: 8.065 ng
RT: 3.564 min Scan# 98
Delta R.T. 0.000 min
Lab File: BP021981.D
Acq: 23 Sep 2024 13:51



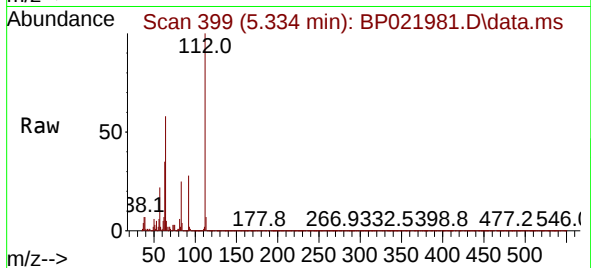
Tgt Ion: 42 Resp: 28344
Ion Ratio Lower Upper
42 100
74 105.8 86.3 129.5
44 7.8 4.0 6.0





#5
2-Fluorophenol
Concen: 123.114 ng
RT: 5.334 min Scan# 399
Delta R.T. 0.000 min
Lab File: BP021981.D
Acq: 23 Sep 2024 13:51

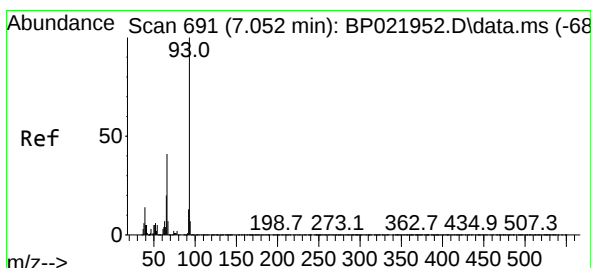
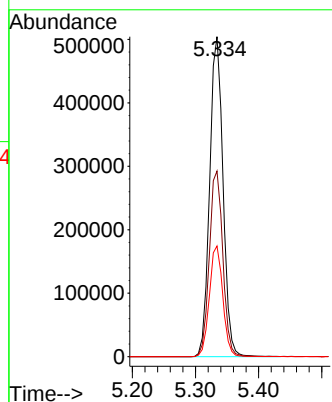
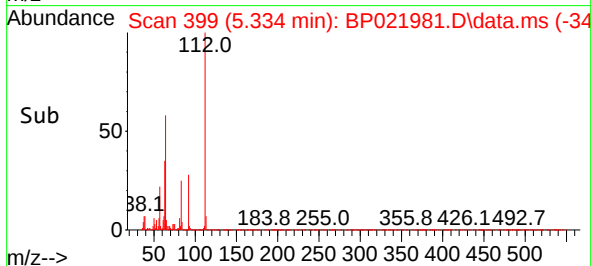
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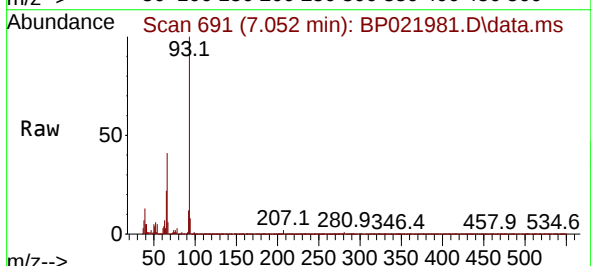
Tgt Ion: 112 Resp: 740678
Ion Ratio Lower Upper
112 100
64 58.0 45.4 68.0
63 34.6 26.6 39.8

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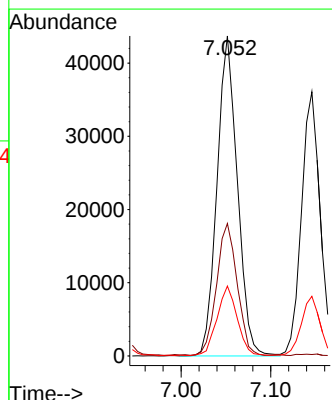
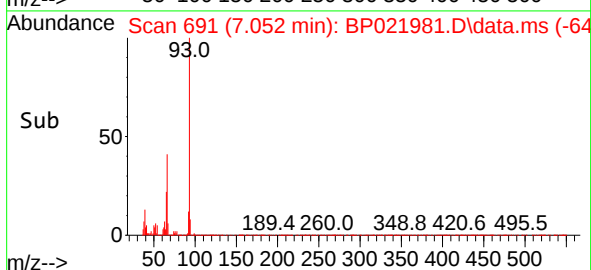
Reviewed By :Yogesh Patel 09/25/2024
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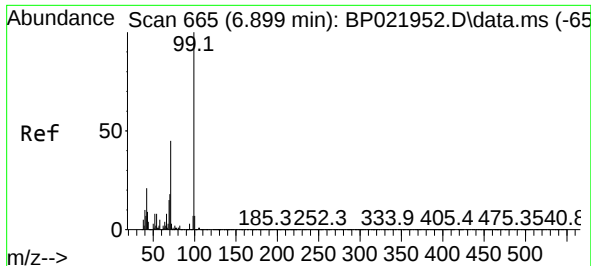


#6
Aniline
Concen: 10.027 ng
RT: 7.052 min Scan# 691
Delta R.T. 0.000 min
Lab File: BP021981.D
Acq: 23 Sep 2024 13:51



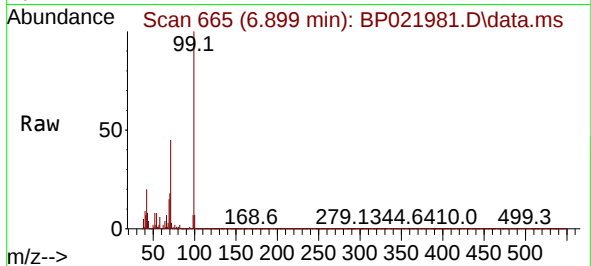
Tgt Ion: 93 Resp: 68813
Ion Ratio Lower Upper
93 100
66 41.4 33.0 49.4
65 21.8 16.1 24.1





#7
Phenol-d6
Concen: 124.126 ng
RT: 6.899 min Scan# 665
Delta R.T. 0.000 min
Lab File: BP021981.D
Acq: 23 Sep 2024 13:51

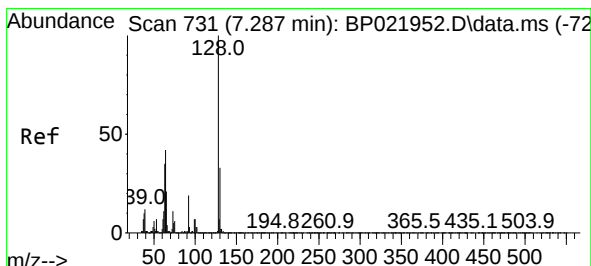
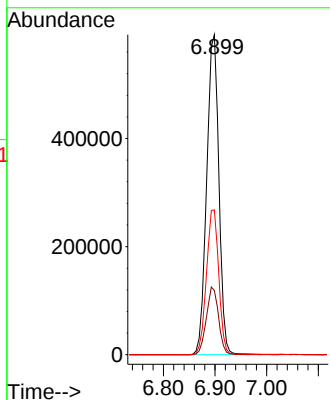
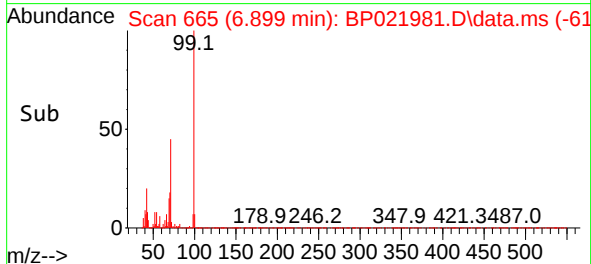
Instrument :
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Tgt Ion: 99 Resp: 969438
Ion Ratio Lower Upper
99 100
42 20.1 16.8 25.2
71 45.3 35.8 53.6

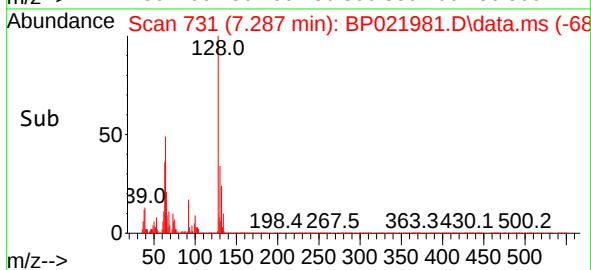
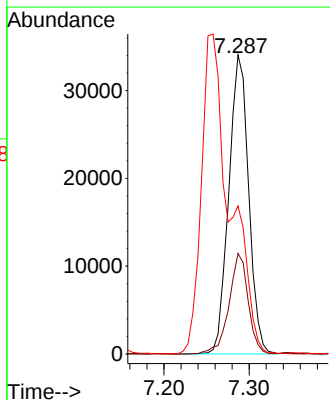
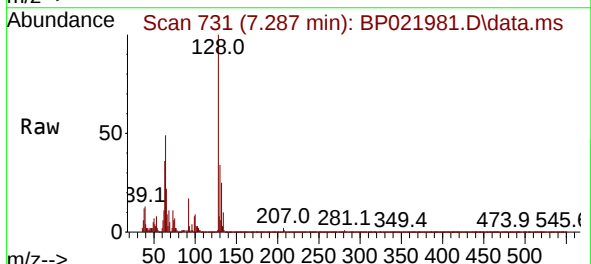
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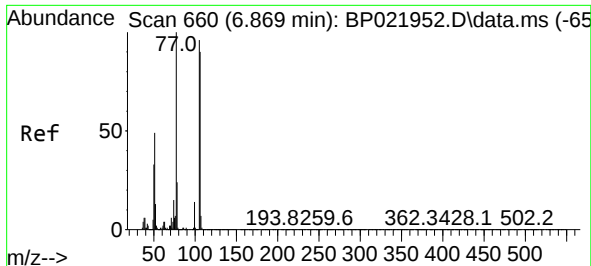
Reviewed By :Yogesh Patel 09/25/2024
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#8
2-Chlorophenol
Concen: 8.574 ng
RT: 7.287 min Scan# 731
Delta R.T. 0.000 min
Lab File: BP021981.D
Acq: 23 Sep 2024 13:51

Tgt Ion:128 Resp: 55158
Ion Ratio Lower Upper
128 100
130 33.6 13.1 53.1
64 49.5 22.1 62.1





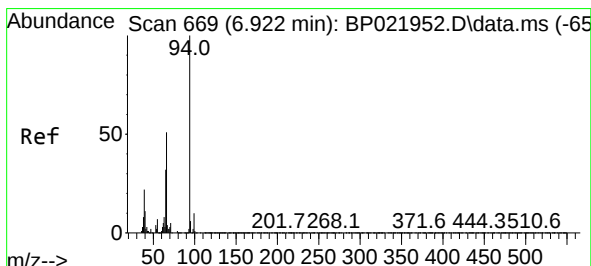
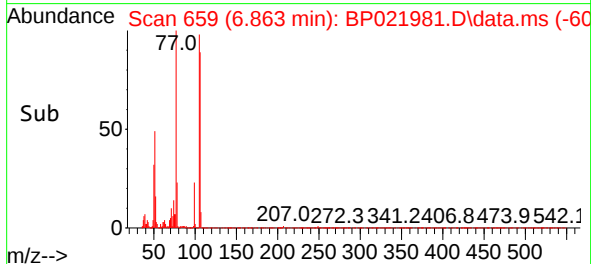
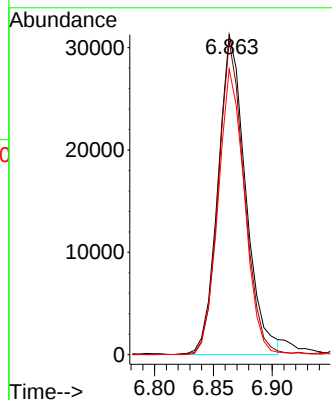
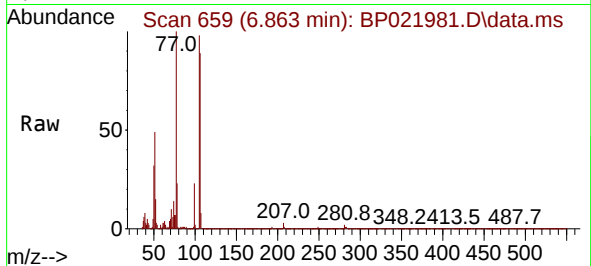
#9
Benzaldehyde
Concen: 12.503 ng m
RT: 6.863 min Scan# 610
Delta R.T. -0.006 min
Lab File: BP021981.D
Acq: 23 Sep 2024 13:51

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

Tgt Ion: 77 Resp: 51060
Ion Ratio Lower Upper
77 100
105 98.0 76.1 116.1
106 89.2 69.9 109.9

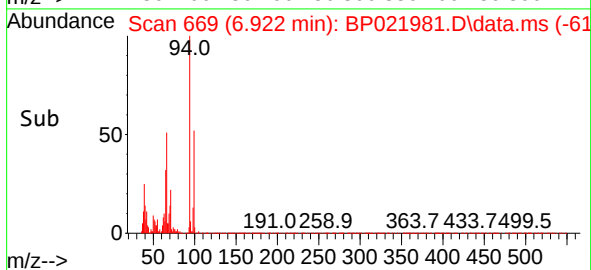
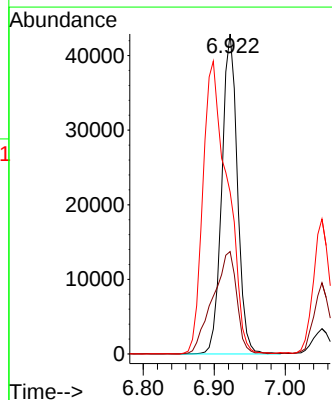
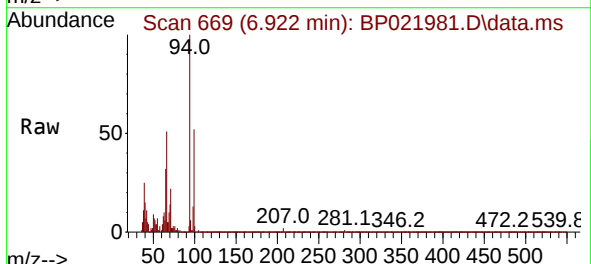
Manual Integrations
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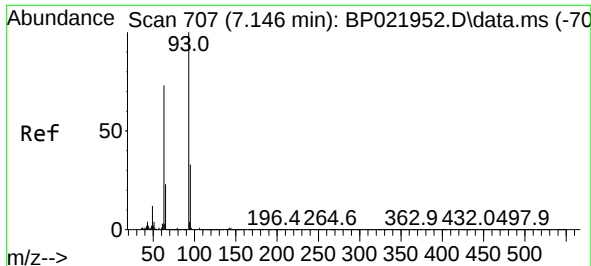
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#10
Phenol
Concen: 8.389 ng
RT: 6.922 min Scan# 669
Delta R.T. 0.000 min
Lab File: BP021981.D
Acq: 23 Sep 2024 13:51

Tgt Ion: 94 Resp: 65073
Ion Ratio Lower Upper
94 100
65 32.0 12.5 52.5
66 50.6 31.2 71.2





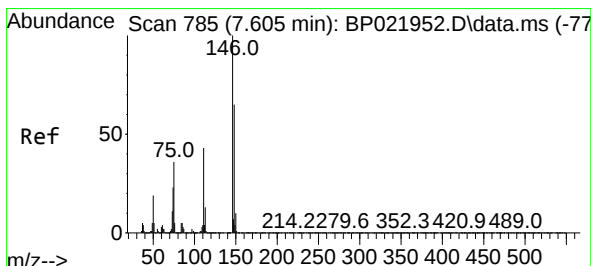
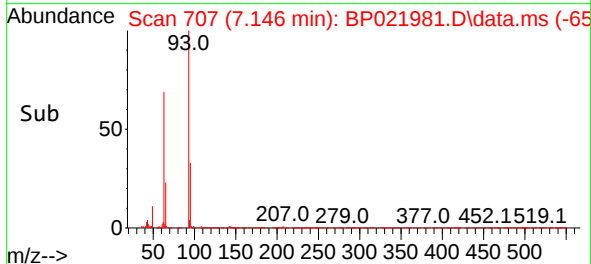
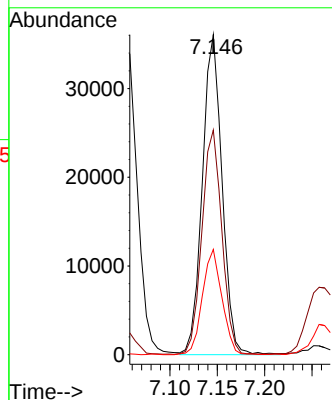
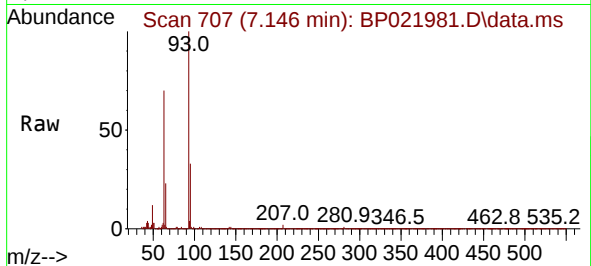
#11
bis(2-Chloroethyl)ether
Concen: 8.944 ng
RT: 7.146 min Scan# 707
Delta R.T. 0.000 min
Lab File: BP021981.D
Acq: 23 Sep 2024 13:51

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

Tgt Ion: 93 Resp: 52264
Ion Ratio Lower Upper
93 100
63 70.2 53.0 93.0
95 32.9 12.4 52.4

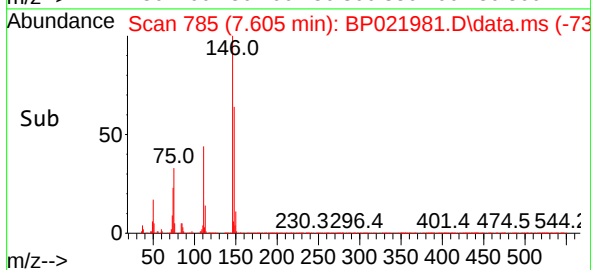
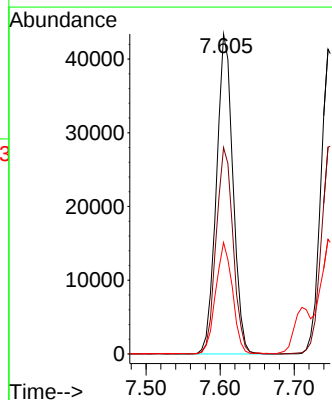
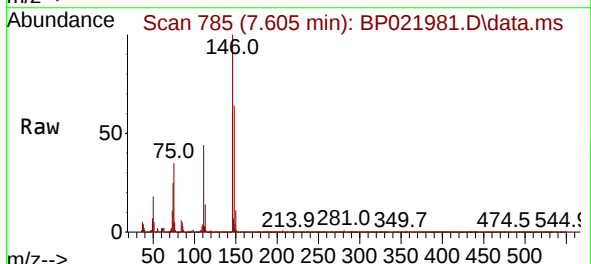
Manual Integrations
APPROVED

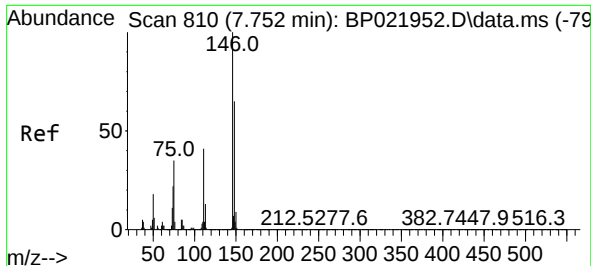
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#12
1,3-Dichlorobenzene
Concen: 8.284 ng
RT: 7.605 min Scan# 785
Delta R.T. 0.000 min
Lab File: BP021981.D
Acq: 23 Sep 2024 13:51

Tgt Ion:146 Resp: 67280
Ion Ratio Lower Upper
146 100
148 64.5 52.3 78.5
75 34.8 29.0 43.6





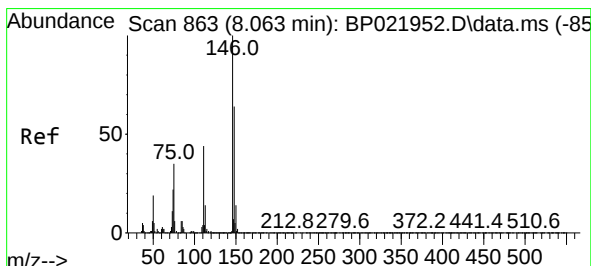
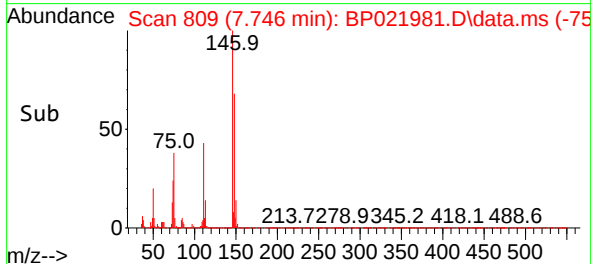
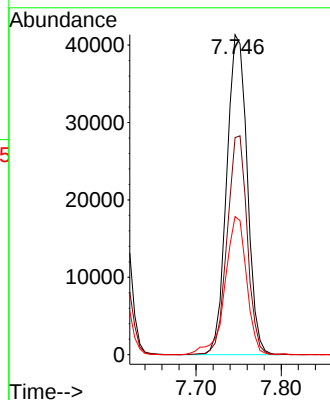
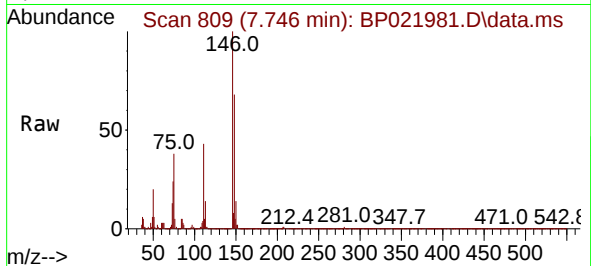
#13
1,4-Dichlorobenzene
Concen: 8.383 ng
RT: 7.746 min Scan# 809
Delta R.T. -0.006 min
Lab File: BP021981.D
Acq: 23 Sep 2024 13:51

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

Tgt Ion:146 Resp: 69048
Ion Ratio Lower Upper
146 100
148 67.9 52.2 78.4
111 43.2 32.6 48.8

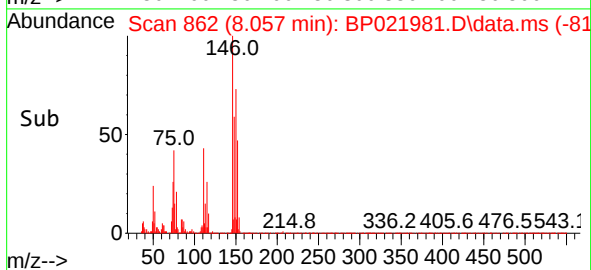
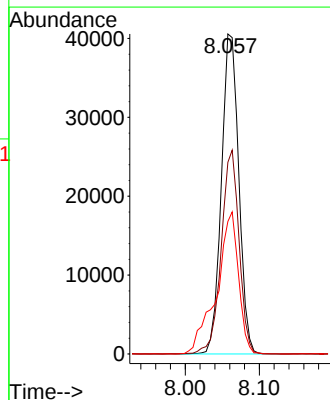
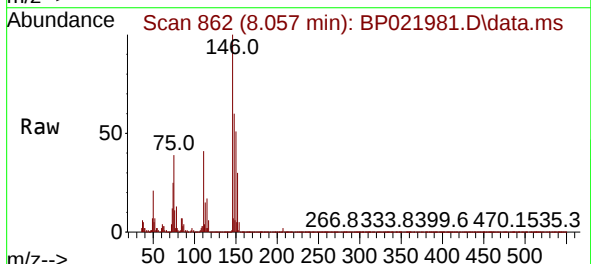
Manual Integrations
APPROVED

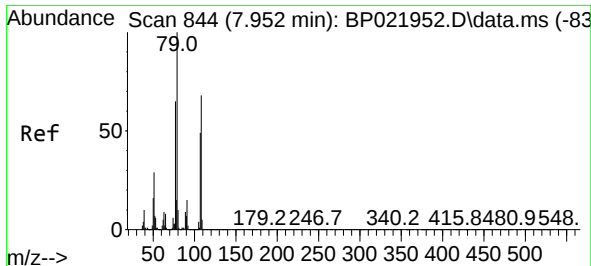
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#14
1,2-Dichlorobenzene
Concen: 8.347 ng
RT: 8.057 min Scan# 862
Delta R.T. -0.006 min
Lab File: BP021981.D
Acq: 23 Sep 2024 13:51

Tgt Ion:146 Resp: 65987
Ion Ratio Lower Upper
146 100
148 59.9 51.3 76.9
111 41.4 35.6 53.4





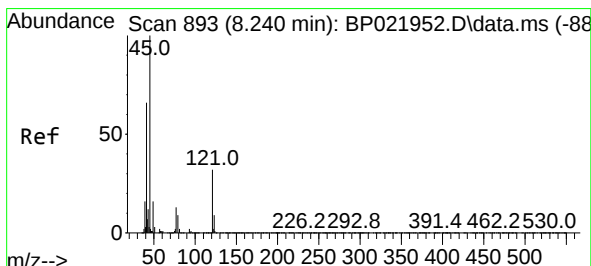
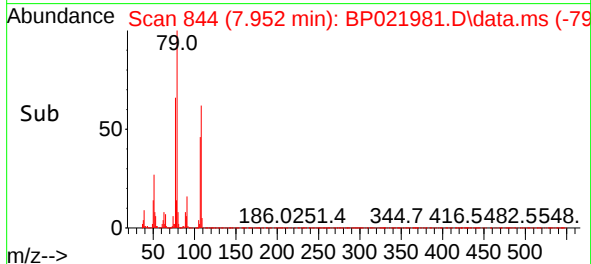
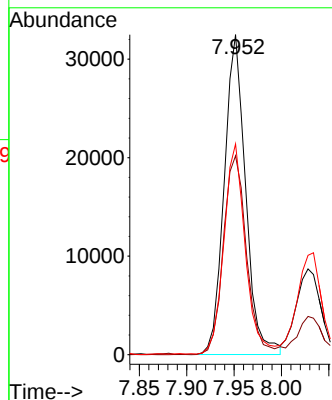
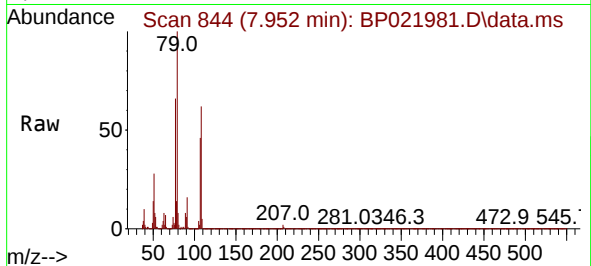
#15
Benzyl Alcohol
Concen: 8.510 ng
RT: 7.952 min Scan# 844
Delta R.T. 0.000 min
Lab File: BP021981.D
Acq: 23 Sep 2024 13:51

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

Tgt Ion: 79 Resp: 50970
Ion Ratio Lower Upper
79 100
108 62.2 54.7 82.1
77 65.8 51.8 77.8

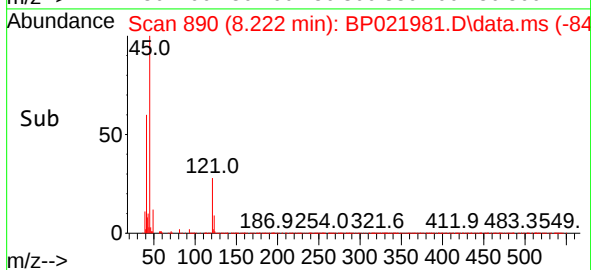
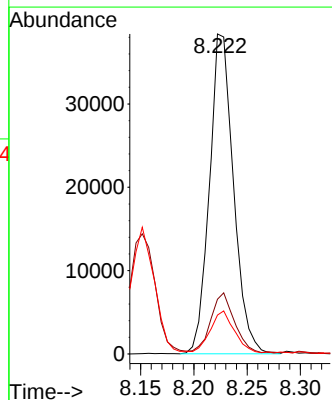
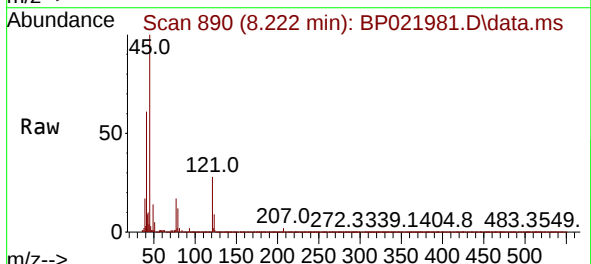
Manual Integrations
APPROVED

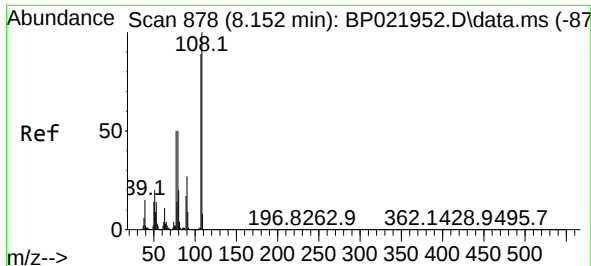
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 9.692 ng
RT: 8.222 min Scan# 890
Delta R.T. -0.018 min
Lab File: BP021981.D
Acq: 23 Sep 2024 13:51

Tgt Ion: 45 Resp: 60404
Ion Ratio Lower Upper
45 100
77 17.1 0.0 39.5
79 12.2 0.0 34.9





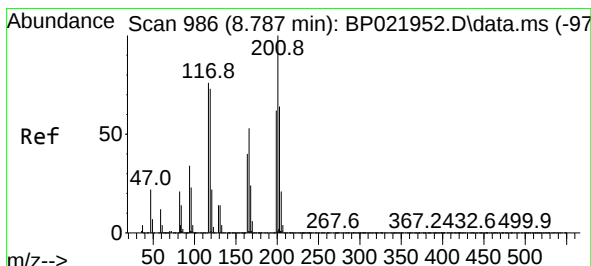
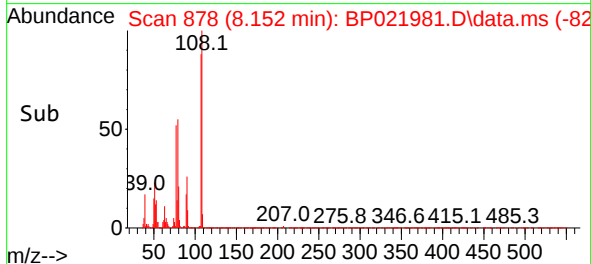
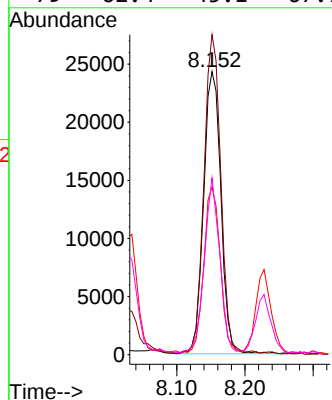
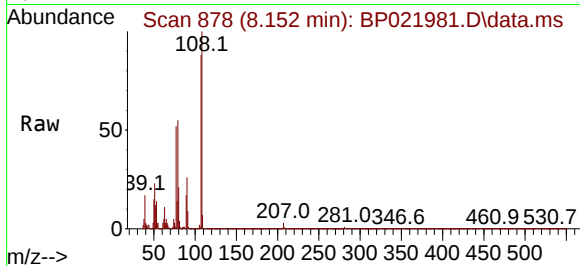
#17
2-Methylphenol
Concen: 8.171 ng
RT: 8.152 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP021981.D
Acq: 23 Sep 2024 13:51

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

Tgt Ion:107 Resp: 42819
Ion Ratio Lower Upper
107 100
108 113.0 90.3 135.5
77 59.2 45.1 67.7
79 62.4 45.1 67.7

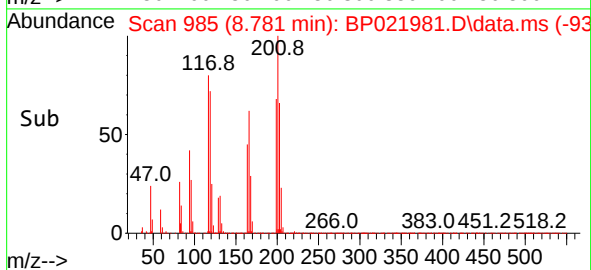
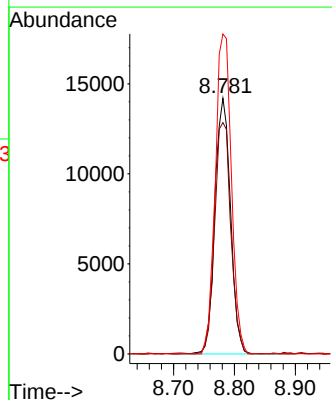
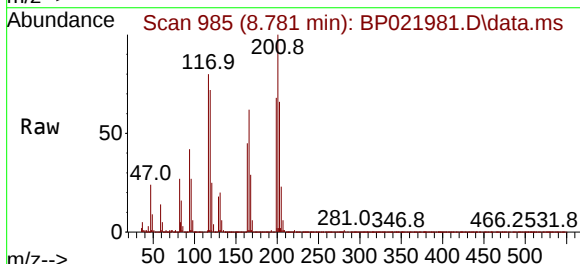
Manual Integrations
APPROVED

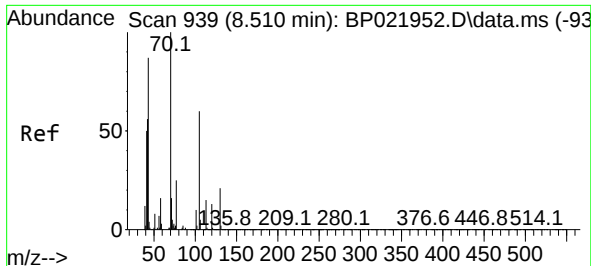
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#18
Hexachloroethane
Concen: 8.359 ng
RT: 8.781 min Scan# 985
Delta R.T. -0.006 min
Lab File: BP021981.D
Acq: 23 Sep 2024 13:51

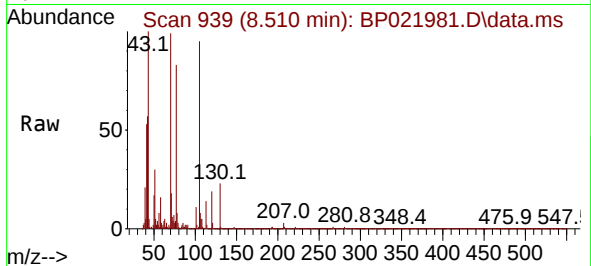
Tgt Ion:117 Resp: 25316
Ion Ratio Lower Upper
117 100
119 90.5 77.0 115.4
201 125.1 105.6 158.4





#19
n-Nitroso-di-n-propylamine
Concen: 8.950 ng
RT: 8.510 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP021981.D
Acq: 23 Sep 2024 13:51

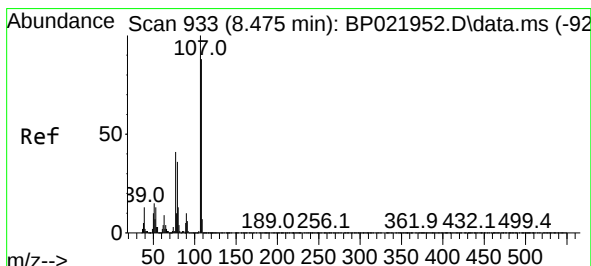
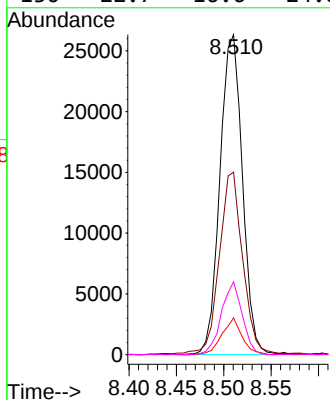
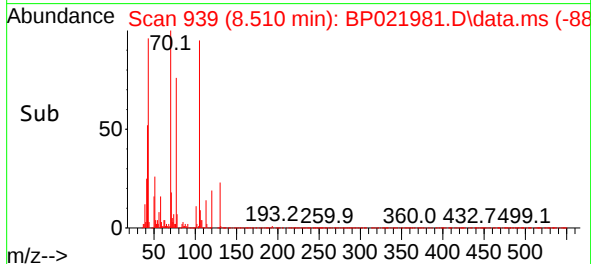
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2024



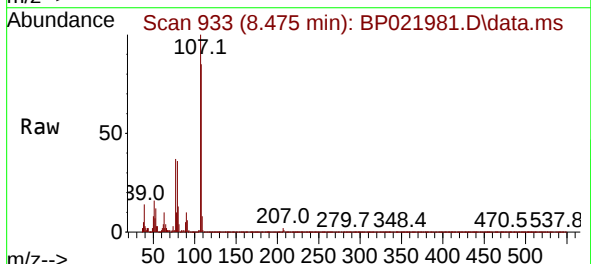
Tgt Ion: 70 Resp: 43449
Ion Ratio Lower Upper
70 100
42 57.1 45.2 67.8
101 11.5 7.8 11.6
130 22.7 16.6 24.8

Manual Integrations
APPROVED

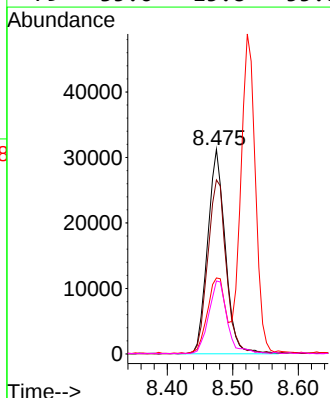
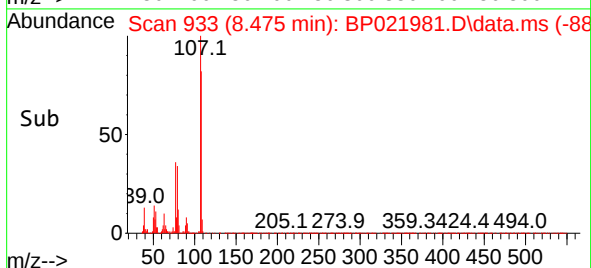
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024

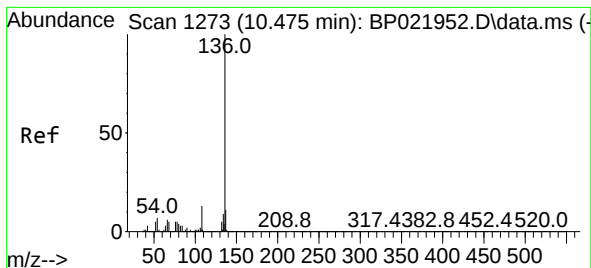


#20
3+4-Methylphenols
Concen: 7.875 ng
RT: 8.475 min Scan# 933
Delta R.T. 0.000 min
Lab File: BP021981.D
Acq: 23 Sep 2024 13:51



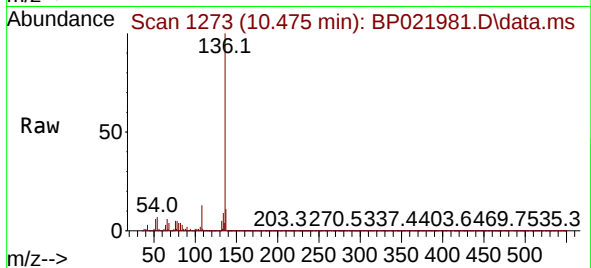
Tgt Ion:107 Resp: 58256
Ion Ratio Lower Upper
107 100
108 85.0 68.3 108.3
77 37.2 20.6 60.6
79 35.6 15.8 55.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.475 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP021981.D
Acq: 23 Sep 2024 13:51

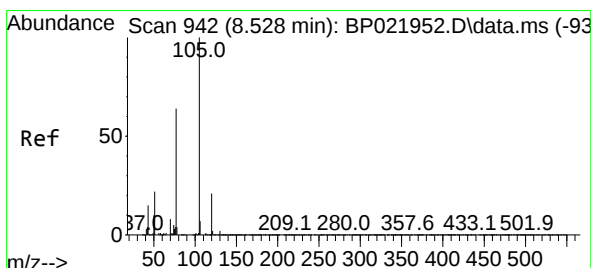
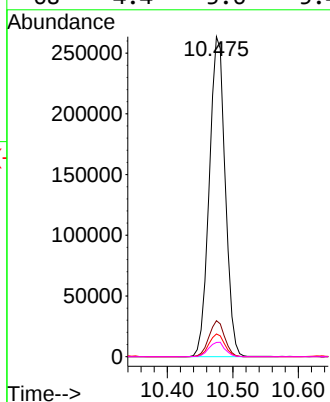
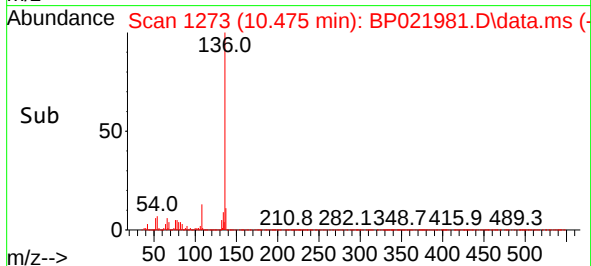
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2024



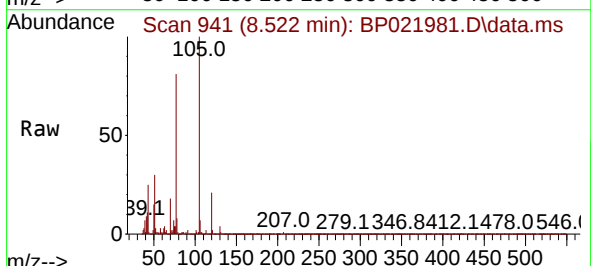
Tgt Ion:136 Resp: 444284
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 7.1 5.5 8.3
68 4.4 3.6 5.4

Manual Integrations
APPROVED

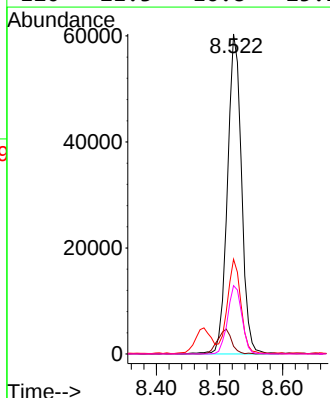
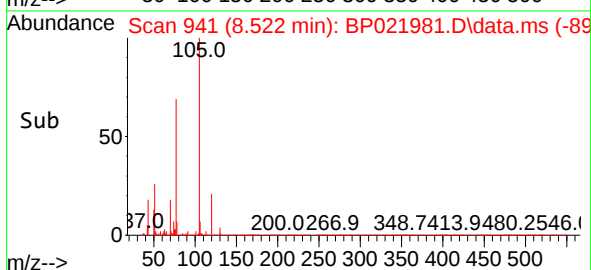
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024

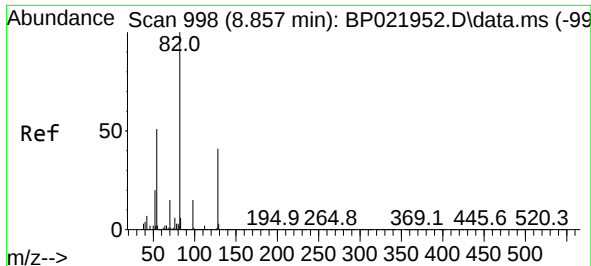


#22
Acetophenone
Concen: 8.580 ng
RT: 8.522 min Scan# 941
Delta R.T. -0.006 min
Lab File: BP021981.D
Acq: 23 Sep 2024 13:51



Tgt Ion:105 Resp: 92994
Ion Ratio Lower Upper
105 100
71 2.4 1.4 2.0#
51 29.6 22.1 33.1
120 21.3 16.8 25.2





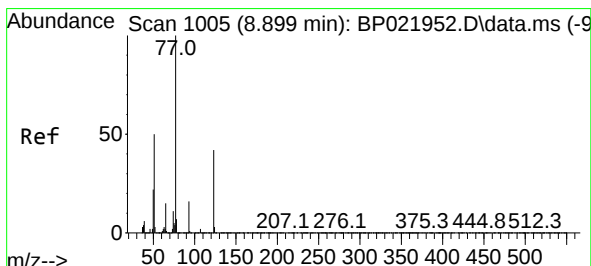
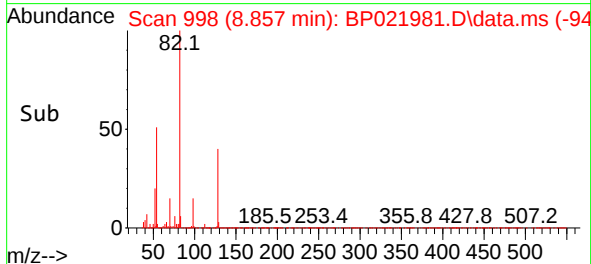
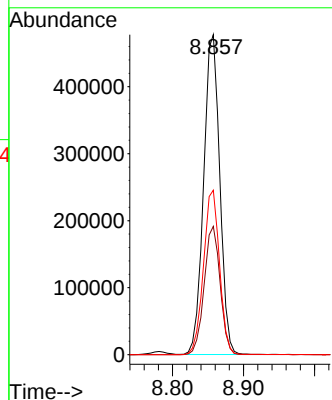
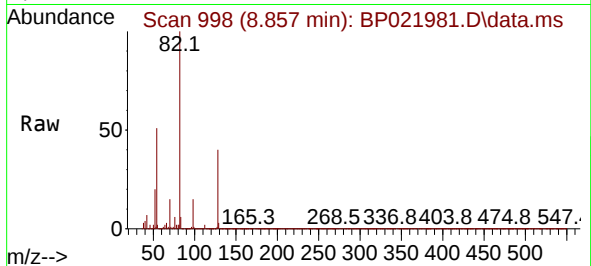
#23
Nitrobenzene-d5
Concen: 90.051 ng
RT: 8.857 min Scan# 998
Delta R.T. 0.000 min
Lab File: BP021981.D
Acq: 23 Sep 2024 13:51

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

Tgt Ion: 82 Resp: 756100
Ion Ratio Lower Upper
82 100
128 40.1 33.1 49.7
54 51.4 40.3 60.5

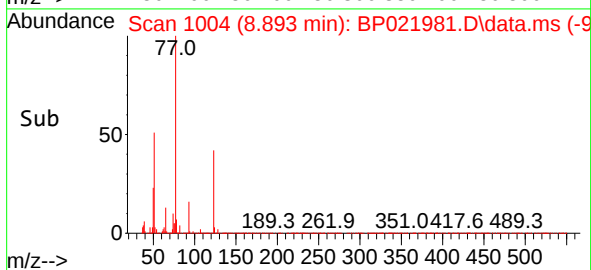
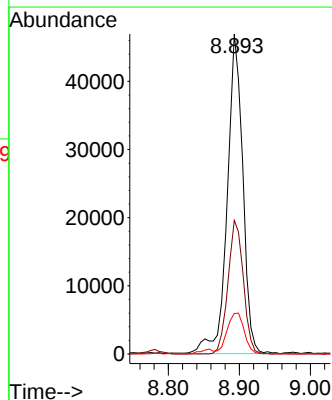
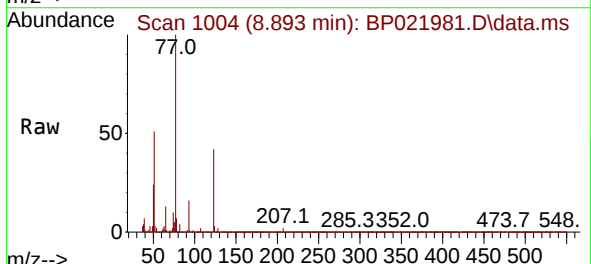
Manual Integrations
APPROVED

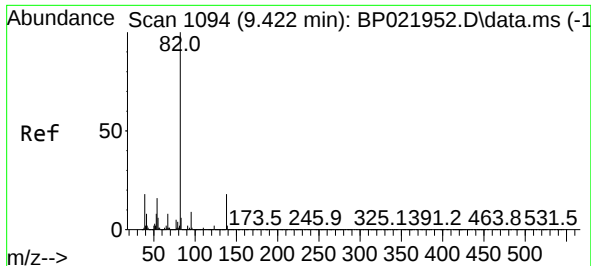
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#24
Nitrobenzene
Concen: 8.399 ng
RT: 8.893 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BP021981.D
Acq: 23 Sep 2024 13:51

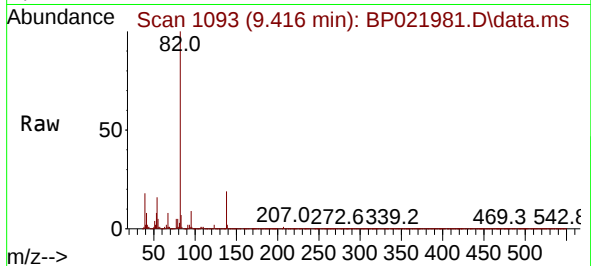
Tgt Ion: 77 Resp: 71615
Ion Ratio Lower Upper
77 100
123 41.8 33.9 50.9
65 12.6 12.0 18.0





#25
Isophorone
Concen: 8.197 ng
RT: 9.416 min Scan# 1093
Delta R.T. -0.006 min
Lab File: BP021981.D
Acq: 23 Sep 2024 13:51

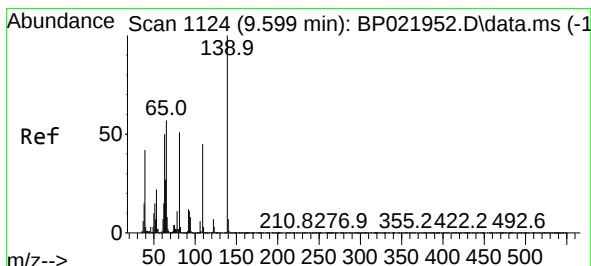
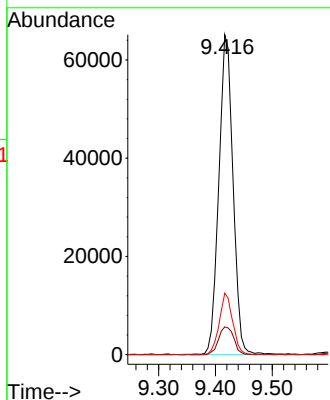
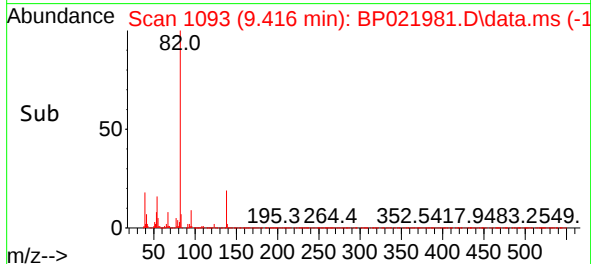
Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT2-2024



Tgt Ion: 82 Resp: 11347
Ion Ratio Lower Upper
82 100
95 8.7 7.0 10.6
138 19.2 14.6 21.8

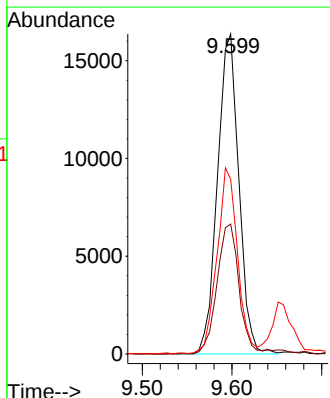
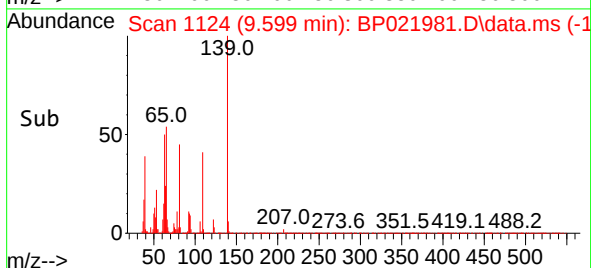
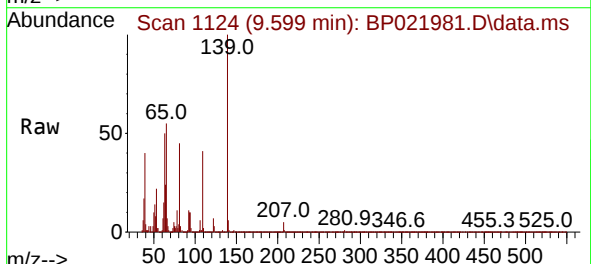
Manual Integrations
APPROVED

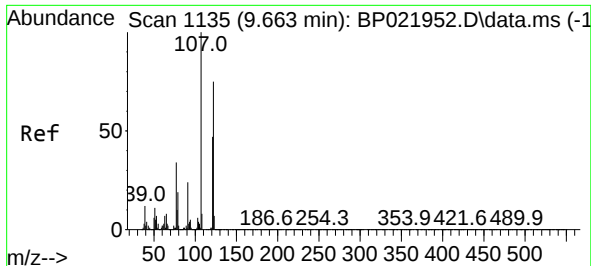
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#26
2-Nitrophenol
Concen: 7.266 ng
RT: 9.599 min Scan# 1124
Delta R.T. 0.000 min
Lab File: BP021981.D
Acq: 23 Sep 2024 13:51

Tgt Ion:139 Resp: 27088
Ion Ratio Lower Upper
139 100
109 40.6 36.0 54.0
65 54.6 45.7 68.5





#27

2,4-Dimethylphenol

Concen: 6.237 ng

RT: 9.657 min Scan# 1134

Delta R.T. -0.006 min

Lab File: BP021981.D

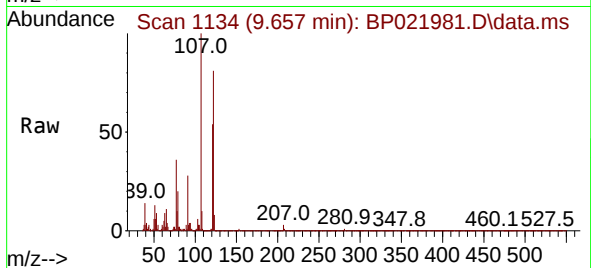
Acq: 23 Sep 2024 13:51

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT2-2024



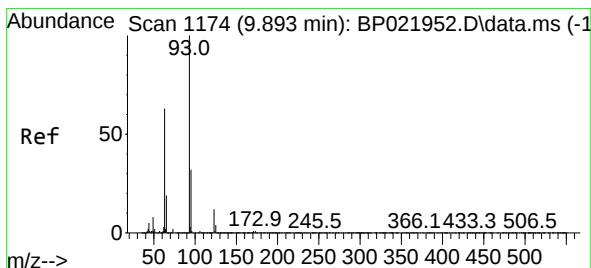
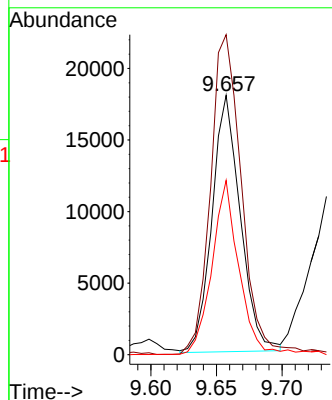
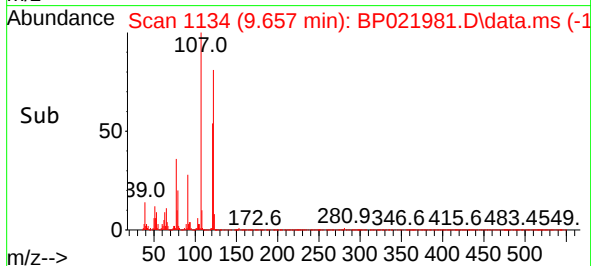
Tgt Ion	Ratio	Lower	Upper
122	100		
107	123.4	106.1	159.1
121	67.2	49.6	74.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024



#28

bis(2-Chloroethoxy)methane

Concen: 8.350 ng

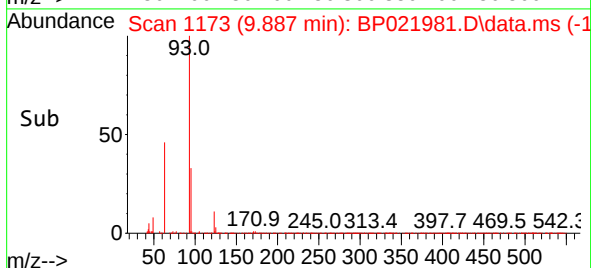
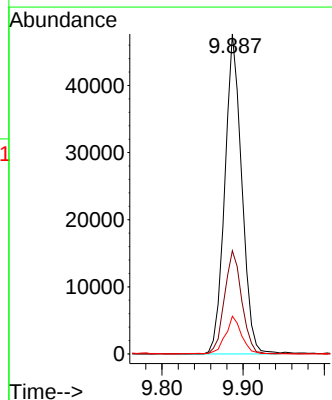
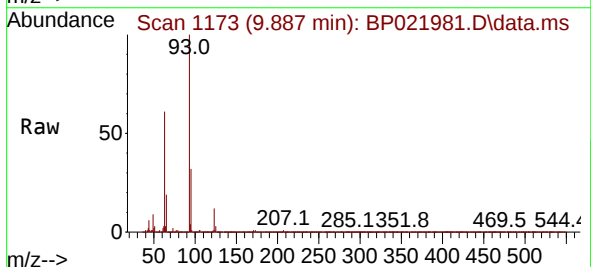
RT: 9.887 min Scan# 1173

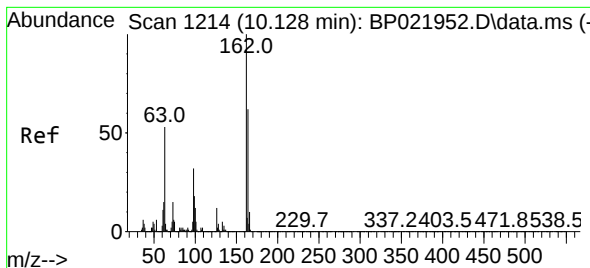
Delta R.T. -0.006 min

Lab File: BP021981.D

Acq: 23 Sep 2024 13:51

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	25.7	38.5
123	11.8	9.4	14.0





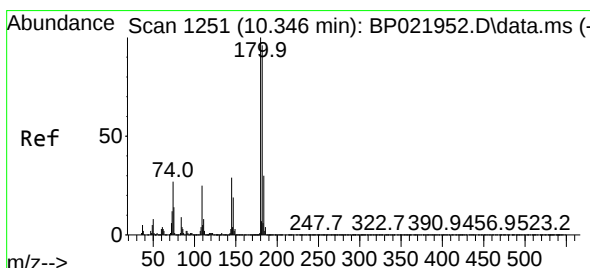
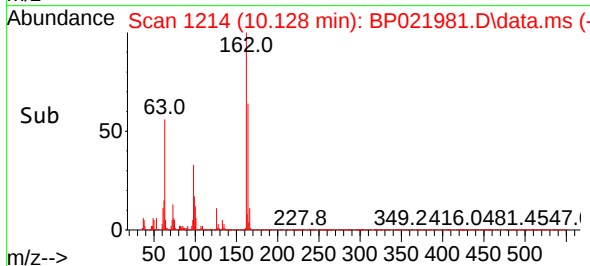
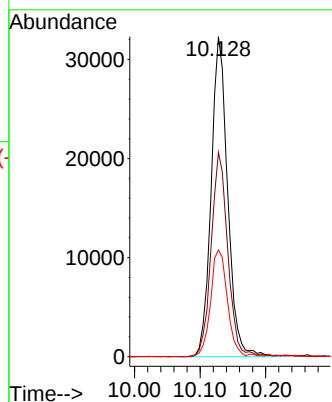
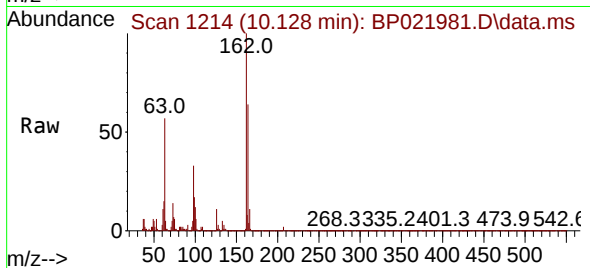
#29
2,4-Dichlorophenol
Concen: 7.711 ng
RT: 10.128 min Scan# 1214
Delta R.T. 0.000 min
Lab File: BP021981.D
Acq: 23 Sep 2024 13:51

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

Tgt Ion:162 Resp: 56504
Ion Ratio Lower Upper
162 100
164 63.9 41.7 81.7
98 33.4 12.4 52.4

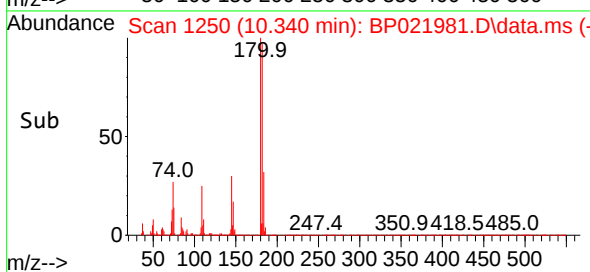
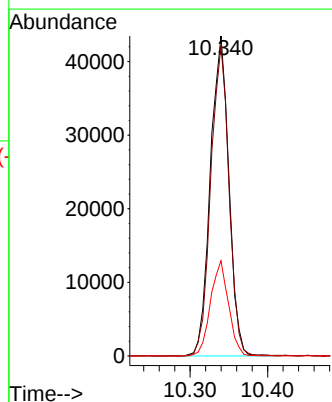
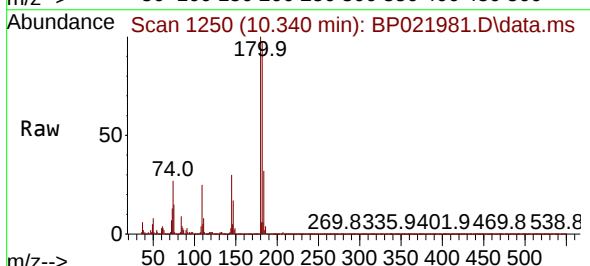
Manual Integrations
APPROVED

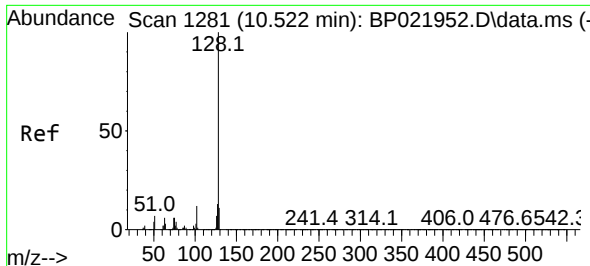
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#30
1,2,4-Trichlorobenzene
Concen: 7.894 ng
RT: 10.340 min Scan# 1250
Delta R.T. -0.006 min
Lab File: BP021981.D
Acq: 23 Sep 2024 13:51

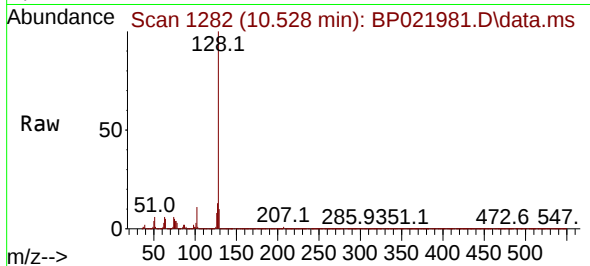
Tgt Ion:180 Resp: 72054
Ion Ratio Lower Upper
180 100
182 97.0 77.0 115.4
145 29.8 23.0 34.6





#31
Naphthalene
Concen: 8.070 ng
RT: 10.528 min Scan# 1181
Delta R.T. 0.006 min
Lab File: BP021981.D
Acq: 23 Sep 2024 13:51

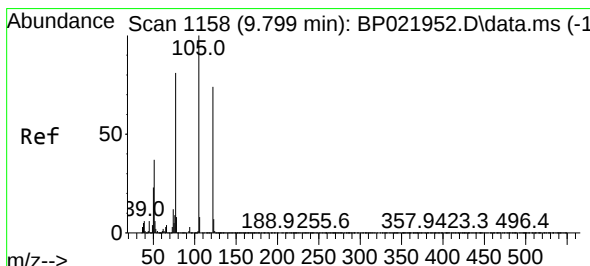
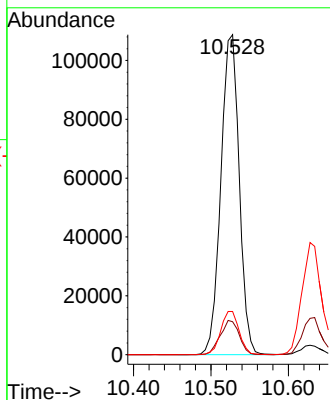
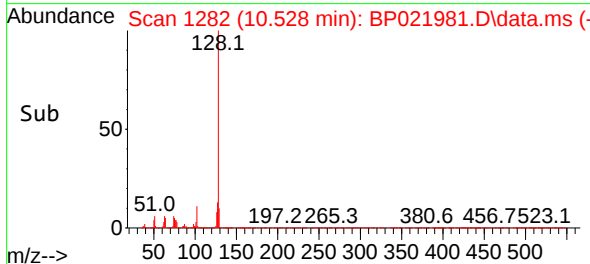
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2024



Tgt Ion:128 Resp: 17890
Ion Ratio Lower Upper
128 100
129 10.3 8.6 13.0
127 13.5 10.6 15.8

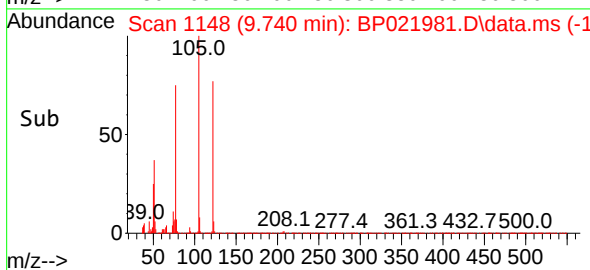
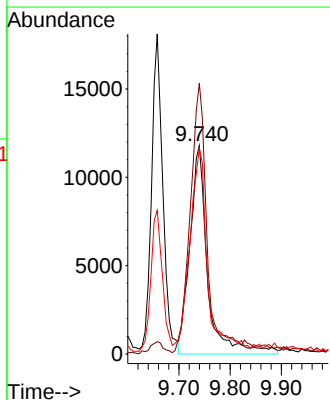
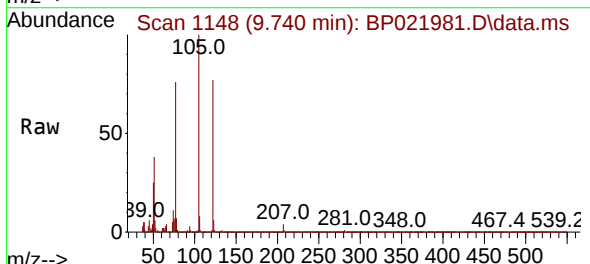
Manual Integrations
APPROVED

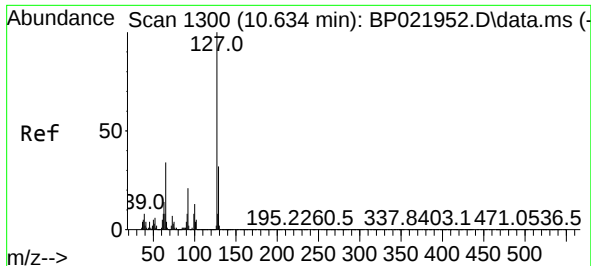
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#32
Benzoic acid
Concen: 5.607 ng m
RT: 9.740 min Scan# 1148
Delta R.T. -0.059 min
Lab File: BP021981.D
Acq: 23 Sep 2024 13:51

Tgt Ion:122 Resp: 28300
Ion Ratio Lower Upper
122 100
105 130.0 111.3 151.3
77 98.7 86.7 126.7





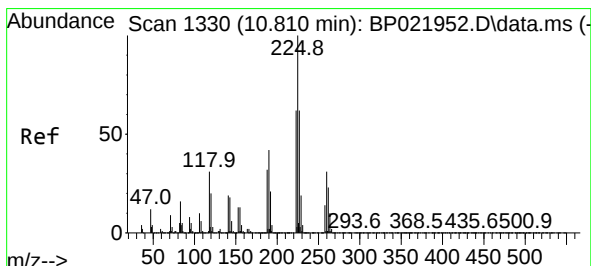
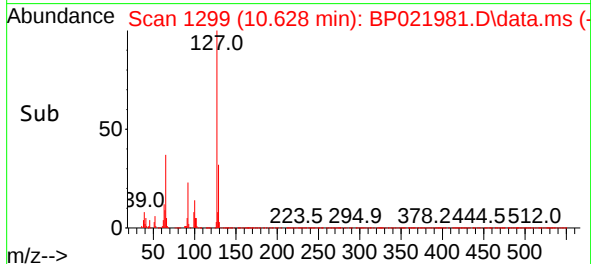
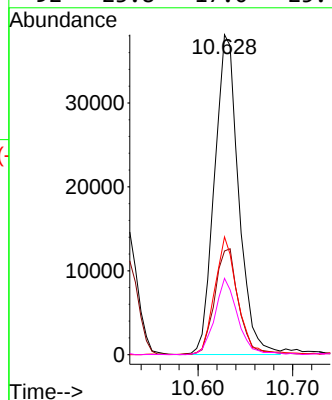
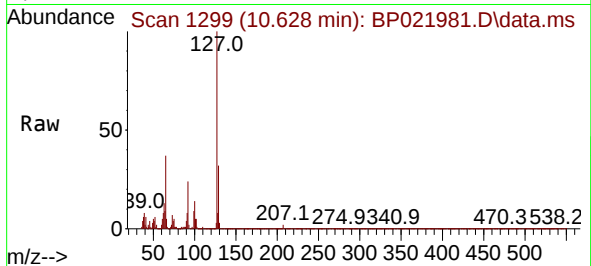
#33
4-Chloroaniline
Concen: 8.446 ng
RT: 10.628 min Scan# 1299
Delta R.T. -0.006 min
Lab File: BP021981.D
Acq: 23 Sep 2024 13:51

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

Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.4	38.0
65	36.8	27.4	41.2
92	23.8	17.0	25.4

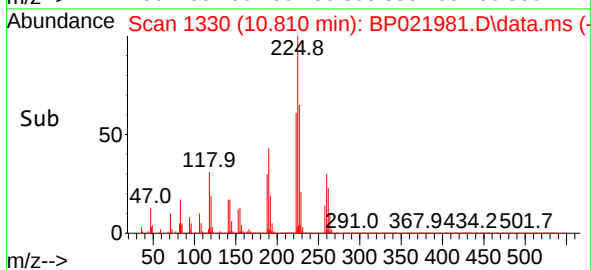
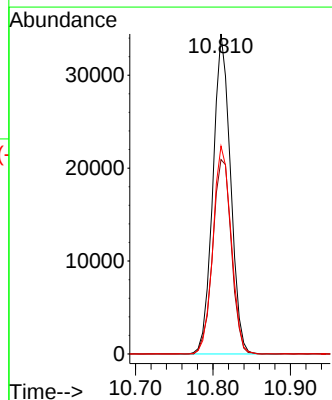
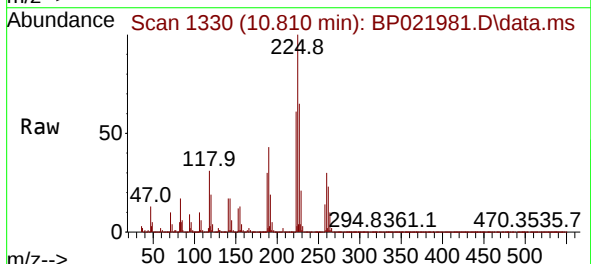
Manual Integrations
APPROVED

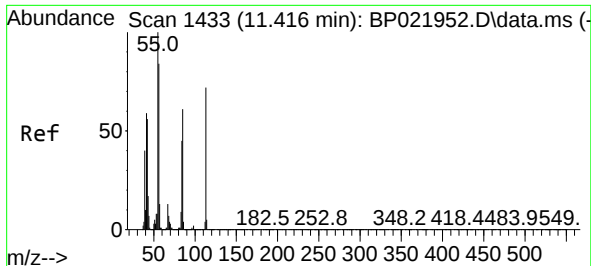
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#34
Hexachlorobutadiene
Concen: 7.597 ng
RT: 10.810 min Scan# 1330
Delta R.T. 0.000 min
Lab File: BP021981.D
Acq: 23 Sep 2024 13:51

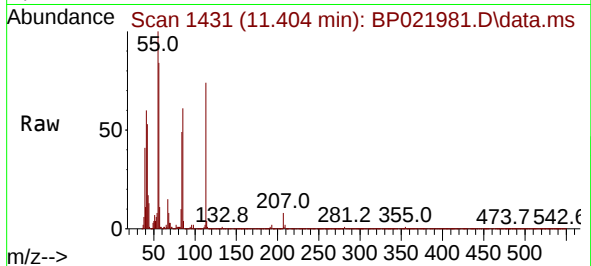
Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.8	50.0	75.0
227	65.0	49.7	74.5





#35
Caprolactam
Concen: 7.212 ng m
RT: 11.404 min Scan# 1433
Delta R.T. -0.012 min
Lab File: BP021981.D
Acq: 23 Sep 2024 13:51

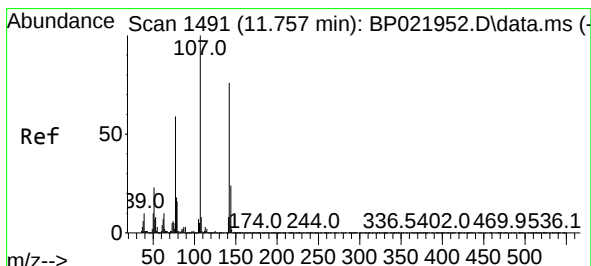
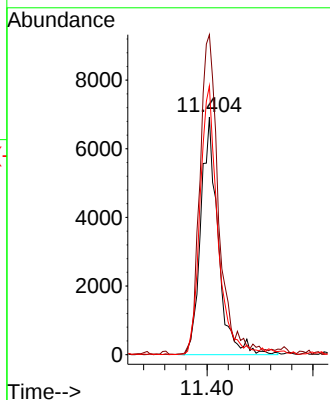
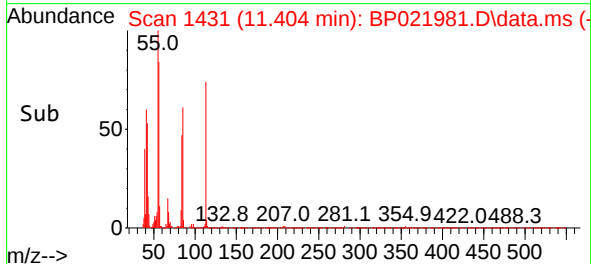
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2024



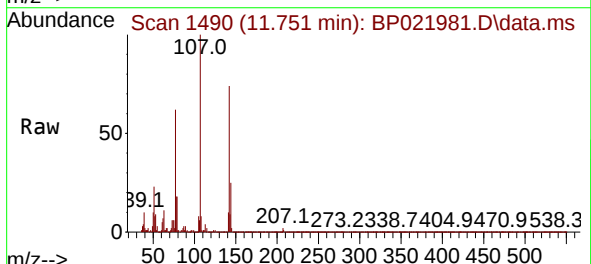
Tgt Ion:113 Resp: 15720
Ion Ratio Lower Upper
113 100
55 134.7 119.4 159.4
56 113.1 97.1 137.1

Manual Integrations
APPROVED

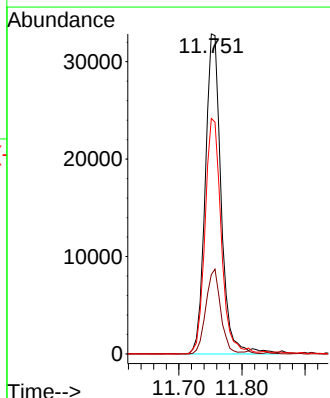
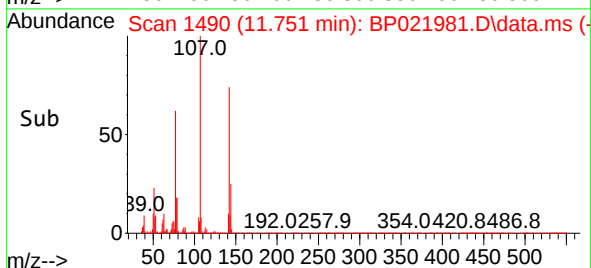
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024

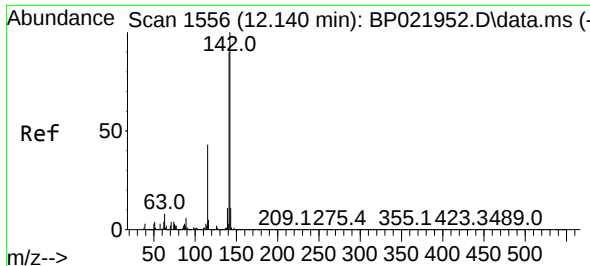


#36
4-Chloro-3-methylphenol
Concen: 7.272 ng
RT: 11.751 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BP021981.D
Acq: 23 Sep 2024 13:51



Tgt Ion:107 Resp: 57167
Ion Ratio Lower Upper
107 100
144 24.8 19.0 28.4
142 73.6 60.4 90.6





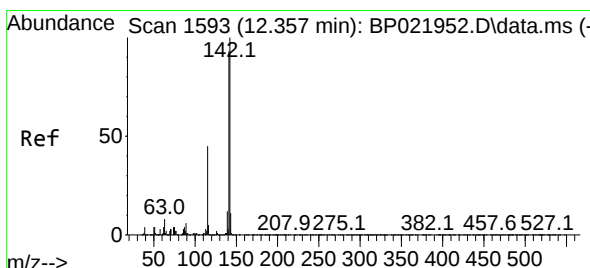
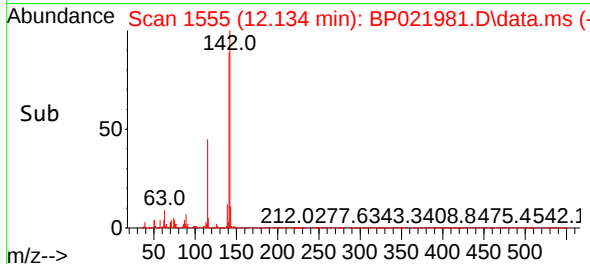
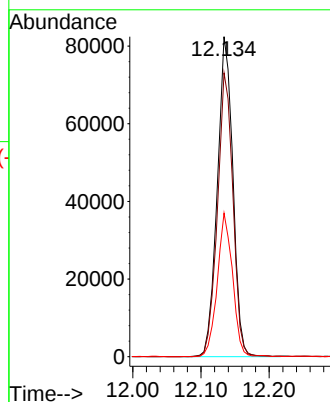
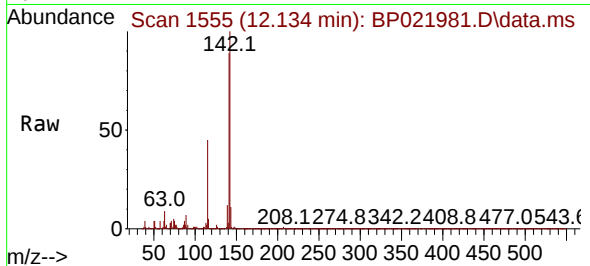
#37
2-Methylnaphthalene
Concen: 8.096 ng
RT: 12.134 min Scan# 1555
Delta R.T. -0.006 min
Lab File: BP021981.D
Acq: 23 Sep 2024 13:51

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

Tgt Ion:142 Resp: 131308
Ion Ratio Lower Upper
142 100
141 88.7 71.7 107.5
115 44.9 34.6 51.8

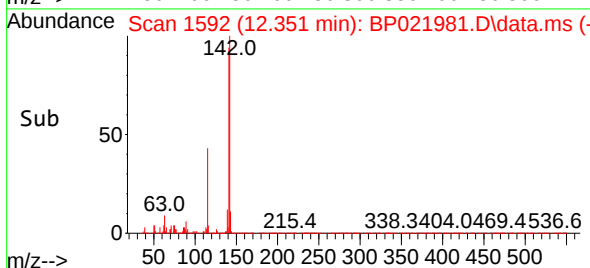
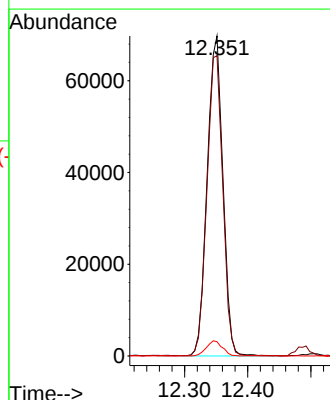
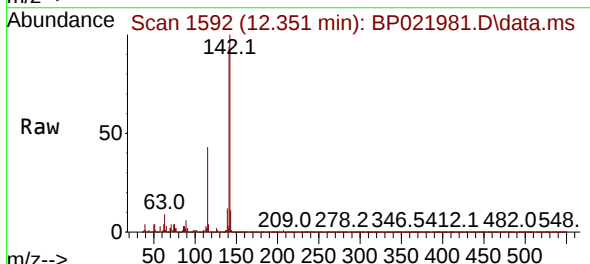
Manual Integrations
APPROVED

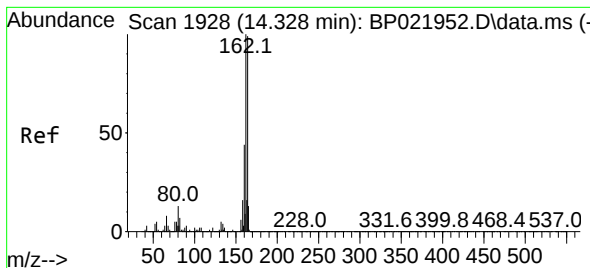
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#38
1-Methylnaphthalene
Concen: 7.541 ng
RT: 12.351 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BP021981.D
Acq: 23 Sep 2024 13:51

Tgt Ion:142 Resp: 120767
Ion Ratio Lower Upper
142 100
141 93.8 74.1 111.1
116 4.5 3.8 5.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.322 min Scan# 1928

Delta R.T. -0.006 min

Lab File: BP021981.D

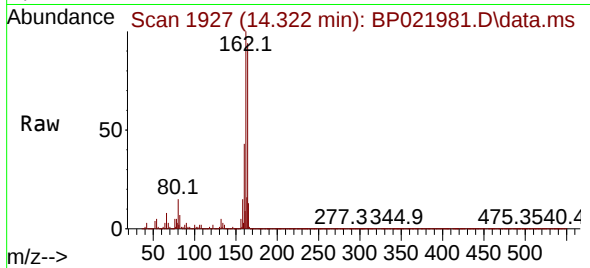
Acq: 23 Sep 2024 13:51

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT2-2024



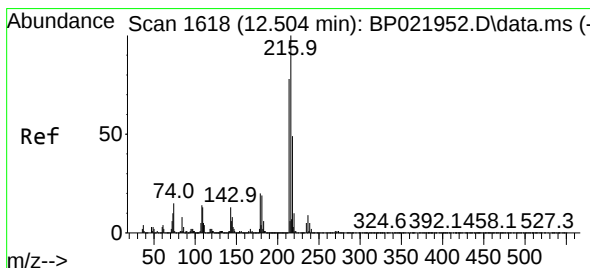
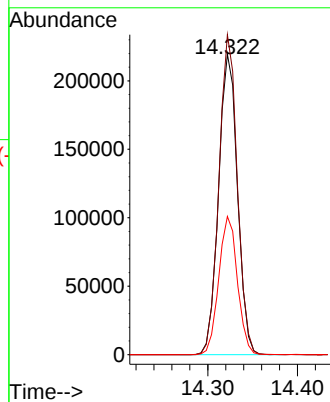
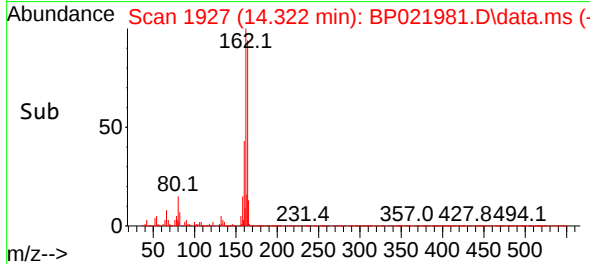
Tgt Ion:	164	Resp:	320524
Ion Ratio	Lower	Upper	
164	100		
162	106.5	81.2	121.8
160	46.0	35.9	53.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 8.499 ng

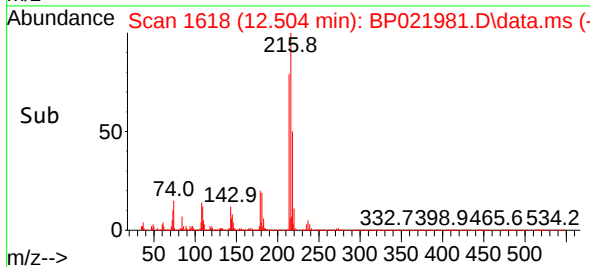
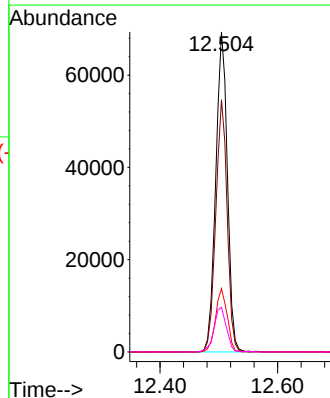
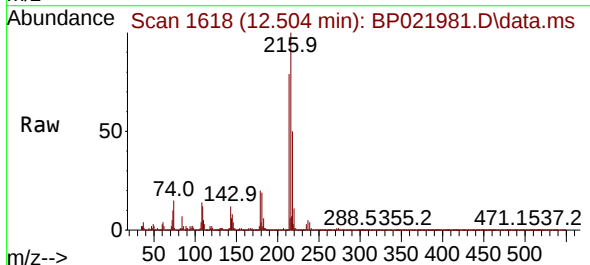
RT: 12.504 min Scan# 1618

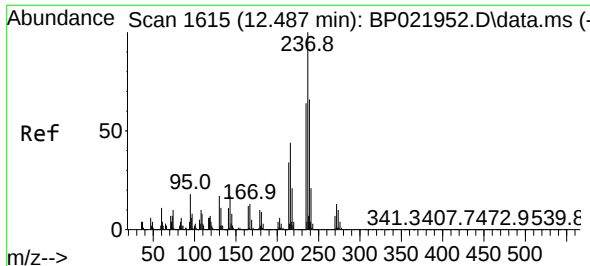
Delta R.T. 0.000 min

Lab File: BP021981.D

Acq: 23 Sep 2024 13:51

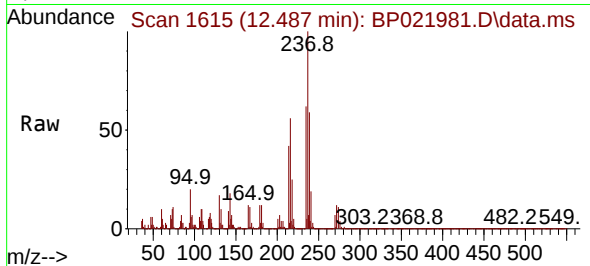
Tgt Ion:	216	Resp:	95302
Ion Ratio	Lower	Upper	
216	100		
214	77.0	62.8	94.2
179	19.9	16.4	24.6
108	14.9	12.2	18.2





#41
Hexachlorocyclopentadiene
Concen: 6.661 ng
RT: 12.487 min Scan# 10
Delta R.T. 0.000 min
Lab File: BP021981.D
Acq: 23 Sep 2024 13:51

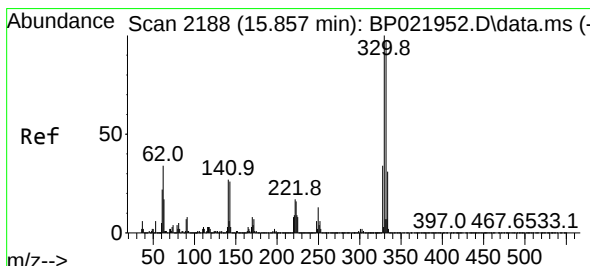
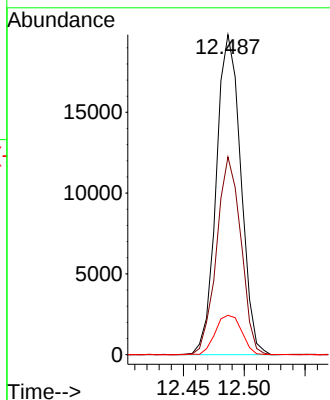
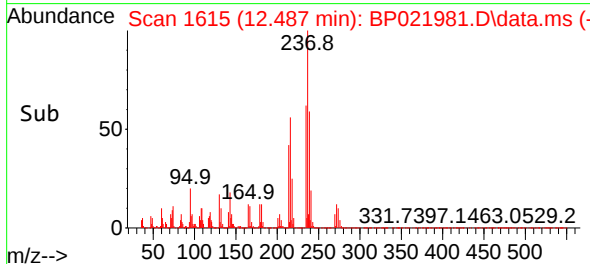
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2024



Tgt Ion: 237 Resp: 2775
Ion Ratio Lower Upper
237 100
235 61.8 44.1 84.1
272 12.3 0.0 33.1

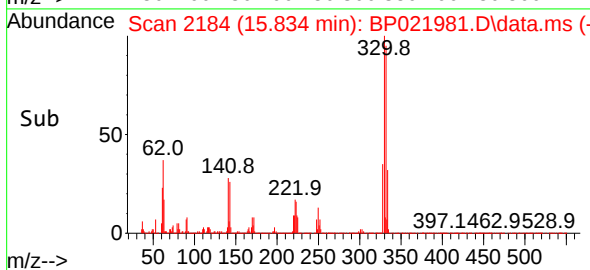
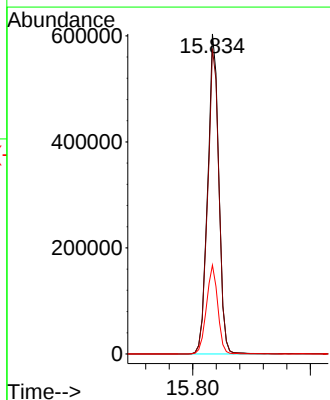
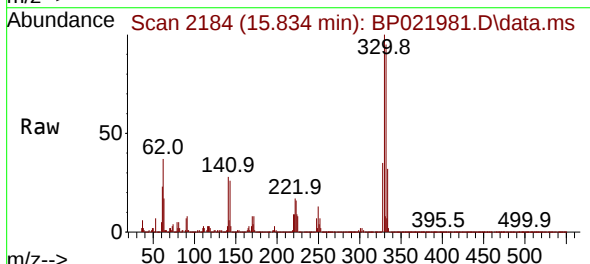
Manual Integrations
APPROVED

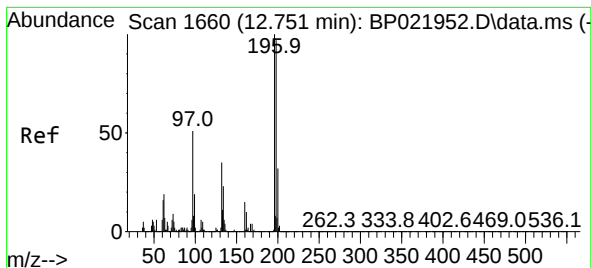
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#42
2,4,6-Tribromophenol
Concen: 132.932 ng
RT: 15.834 min Scan# 2184
Delta R.T. -0.024 min
Lab File: BP021981.D
Acq: 23 Sep 2024 13:51

Tgt Ion: 330 Resp: 789902
Ion Ratio Lower Upper
330 100
332 96.9 77.5 116.3
141 28.3 23.4 35.0





#43

2,4,6-Trichlorophenol

Concen: 7.327 ng

RT: 12.745 min Scan# 1659

Delta R.T. -0.006 min

Lab File: BP021981.D

Acq: 23 Sep 2024 13:51

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT2-2024

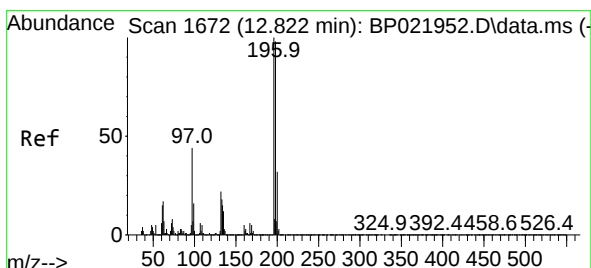
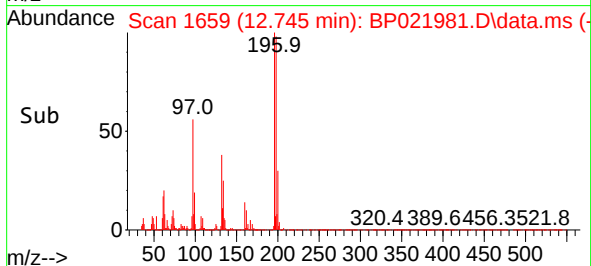
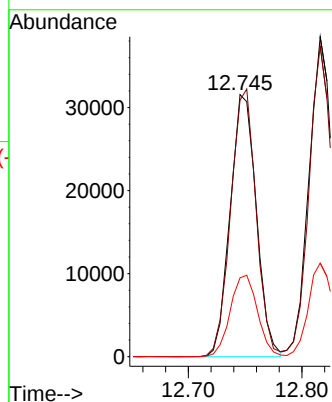
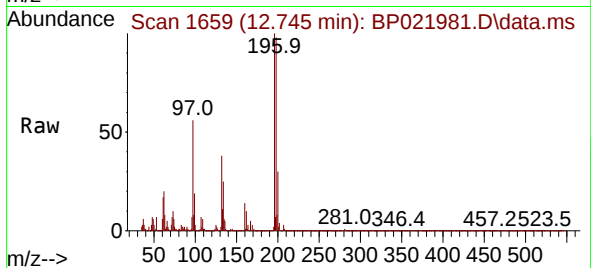
Tgt Ion:196	Resp:	5043
Ion Ratio	Lower	Upper
196	100	
198	97.8	77.6 116.4
200	30.1	25.8 38.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024



#44

2,4,5-Trichlorophenol

Concen: 7.445 ng

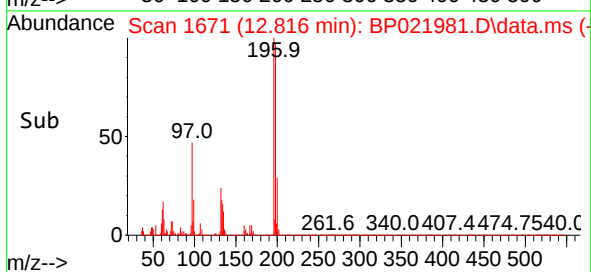
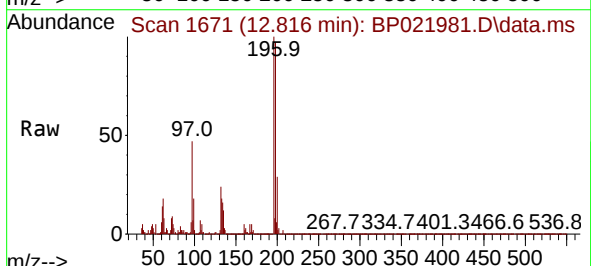
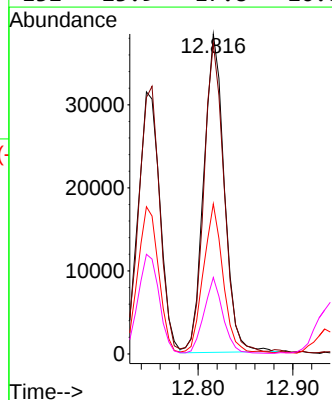
RT: 12.816 min Scan# 1671

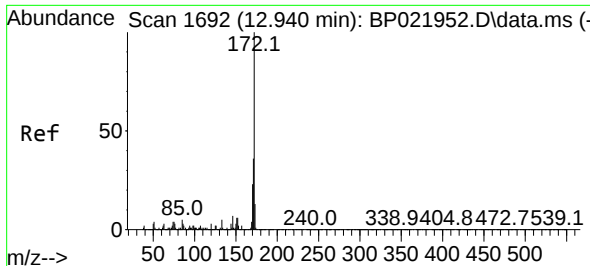
Delta R.T. -0.006 min

Lab File: BP021981.D

Acq: 23 Sep 2024 13:51

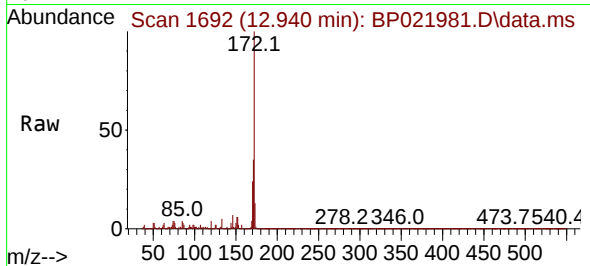
Tgt Ion:196	Resp:	57483
Ion Ratio	Lower	Upper
196	100	
198	97.0	78.2 117.4
97	46.9	35.0 52.4
132	23.9	17.8 26.8





#45
2-Fluorobiphenyl
Concen: 89.605 ng
RT: 12.940 min Scan# 1692
Delta R.T. 0.000 min
Lab File: BP021981.D
Acq: 23 Sep 2024 13:51

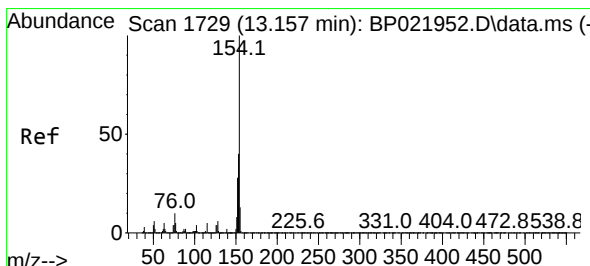
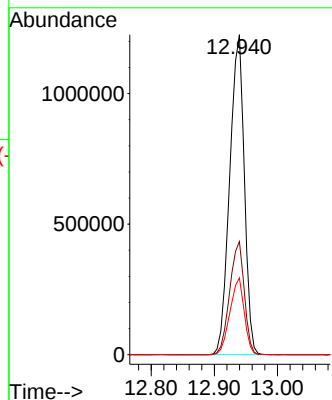
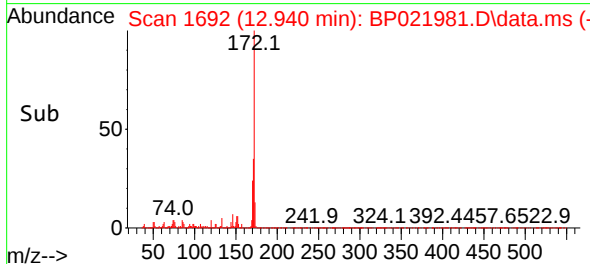
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2024



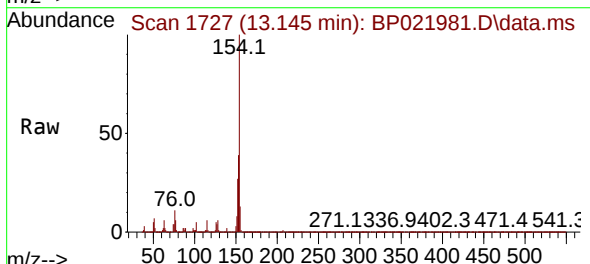
Tgt Ion:172 Resp: 1967484
Ion Ratio Lower Upper
172 100
171 35.3 28.6 43.0
170 24.0 18.8 28.2

Manual Integrations
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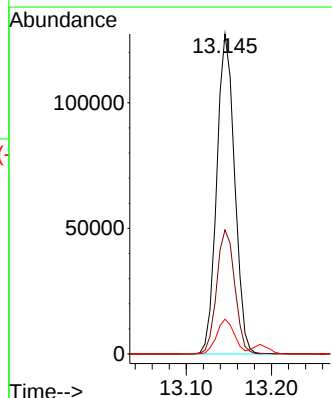
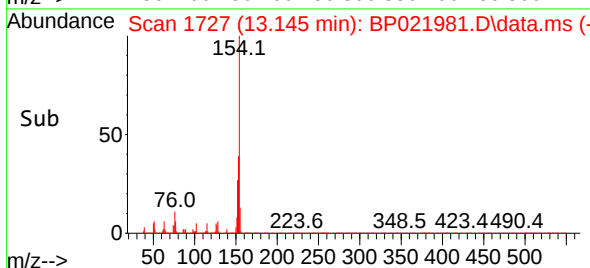
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024

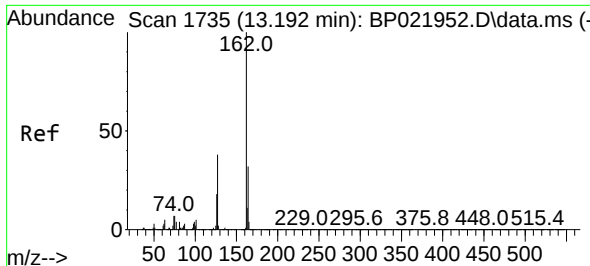


#46
1,1'-Biphenyl
Concen: 8.492 ng
RT: 13.145 min Scan# 1727
Delta R.T. -0.012 min
Lab File: BP021981.D
Acq: 23 Sep 2024 13:51



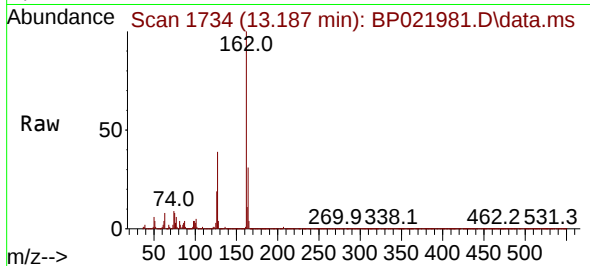
Tgt Ion:154 Resp: 185591
Ion Ratio Lower Upper
154 100
153 38.7 20.2 60.2
76 10.9 0.0 29.9





#47
2-Chloronaphthalene
Concen: 8.229 ng
RT: 13.187 min Scan# 1734
Delta R.T. -0.006 min
Lab File: BP021981.D
Acq: 23 Sep 2024 13:51

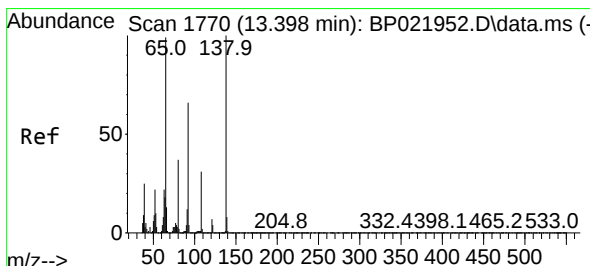
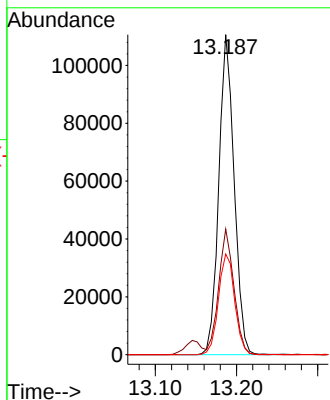
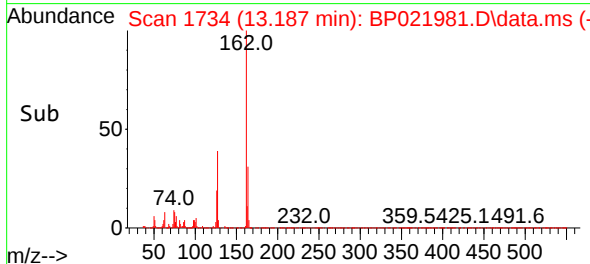
Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT2-2024



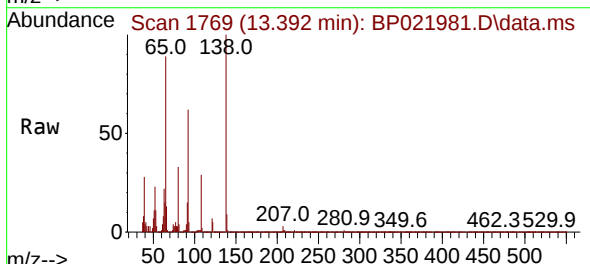
Tgt Ion: 162 Resp: 145412
Ion Ratio Lower Upper
162 100
127 39.2 31.7 47.5
164 31.5 25.9 38.9

Manual Integrations
APPROVED

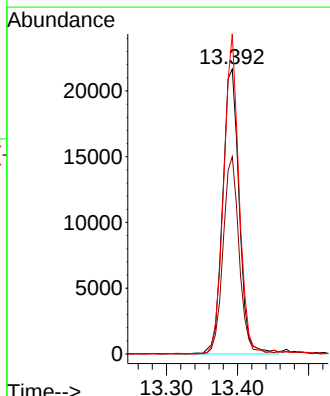
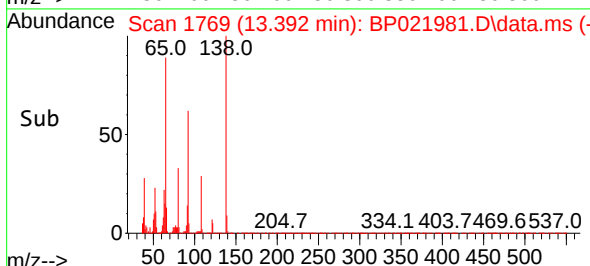
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024

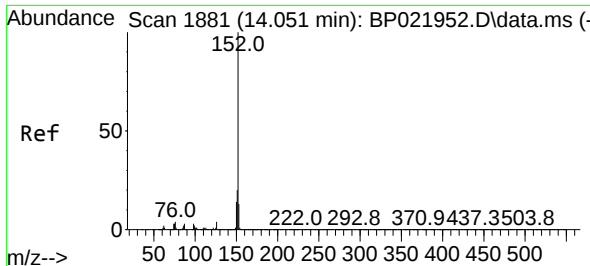


#48
2-Nitroaniline
Concen: 7.233 ng
RT: 13.392 min Scan# 1769
Delta R.T. -0.006 min
Lab File: BP021981.D
Acq: 23 Sep 2024 13:51



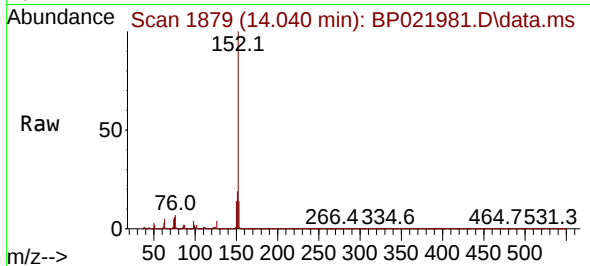
Tgt Ion: 65 Resp: 34900
Ion Ratio Lower Upper
65 100
92 69.3 53.2 79.8
138 112.4 81.1 121.7





#49
Acenaphthylene
Concen: 8.702 ng
RT: 14.040 min Scan# 1879
Delta R.T. -0.012 min
Lab File: BP021981.D
Acq: 23 Sep 2024 13:51

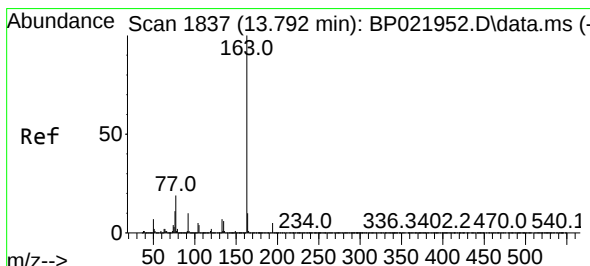
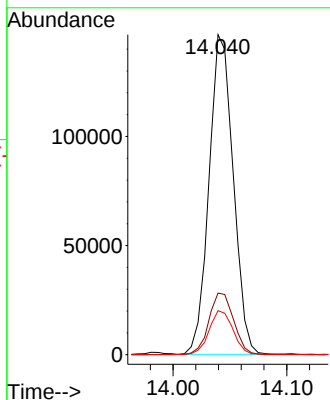
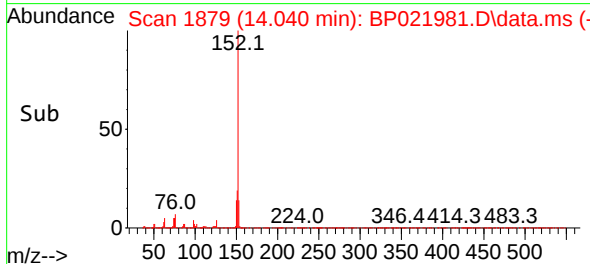
Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT2-2024



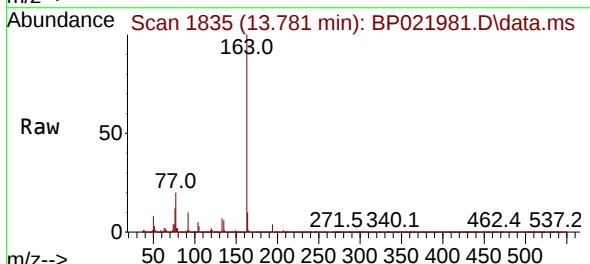
Tgt Ion:152 Resp: 21698
Ion Ratio Lower Upper
152 100
151 19.2 16.0 24.0
153 13.8 10.8 16.2

Manual Integrations
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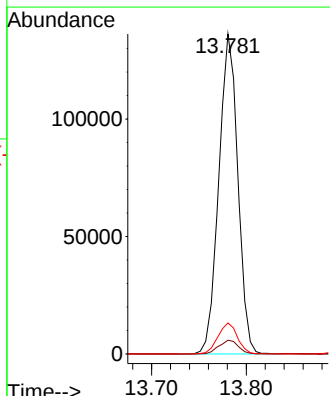
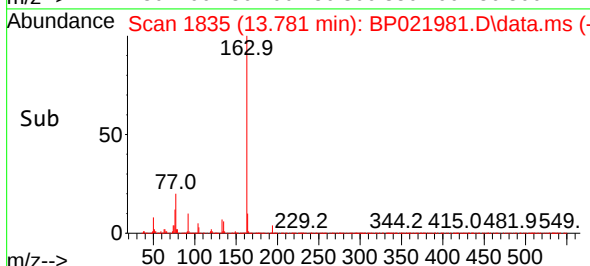
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024

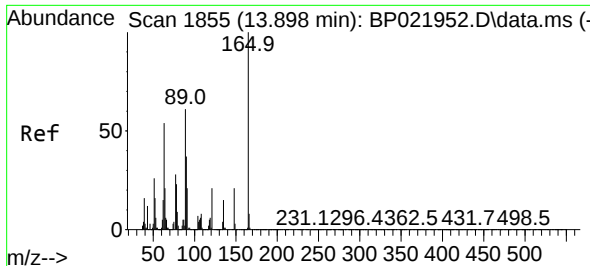


#50
Dimethylphthalate
Concen: 8.203 ng
RT: 13.781 min Scan# 1835
Delta R.T. -0.012 min
Lab File: BP021981.D
Acq: 23 Sep 2024 13:51



Tgt Ion:163 Resp: 190685
Ion Ratio Lower Upper
163 100
194 4.3 3.6 5.4
164 9.7 8.0 12.0





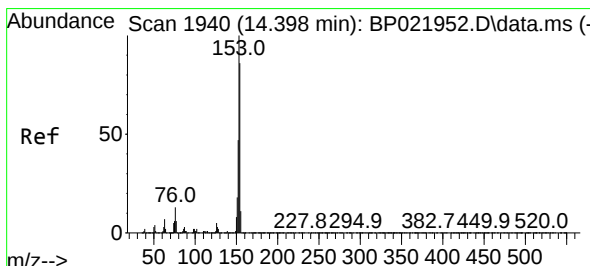
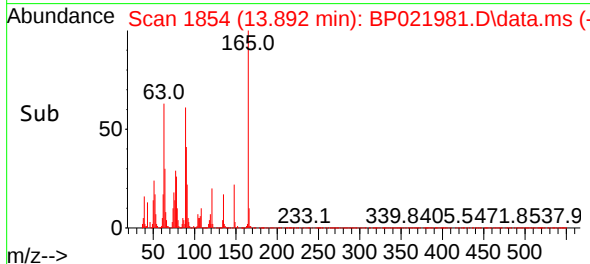
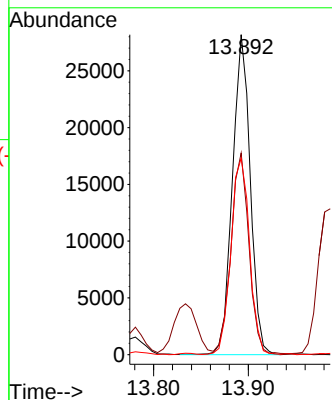
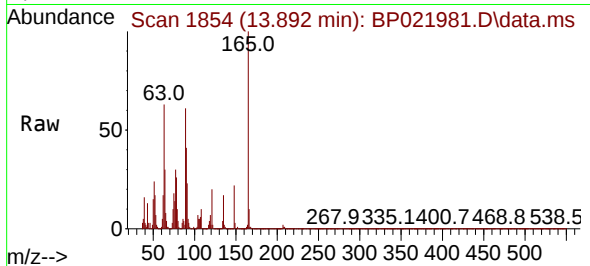
#51
2,6-Dinitrotoluene
Concen: 7.094 ng
RT: 13.892 min Scan# 1854
Delta R.T. -0.006 min
Lab File: BP021981.D
Acq: 23 Sep 2024 13:51

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

Tgt Ion:165 Resp: 36748
Ion Ratio Lower Upper
165 100
63 63.0 46.4 69.6
89 61.4 48.5 72.7

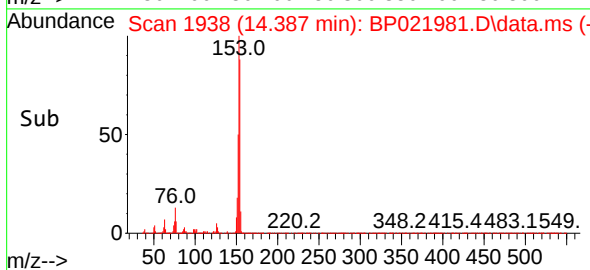
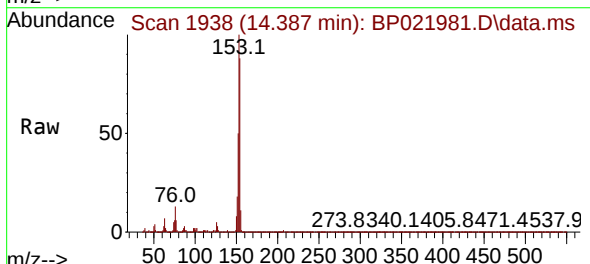
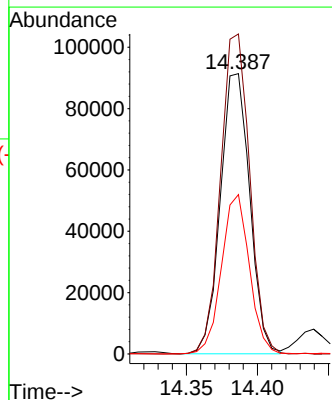
Manual Integrations
APPROVED

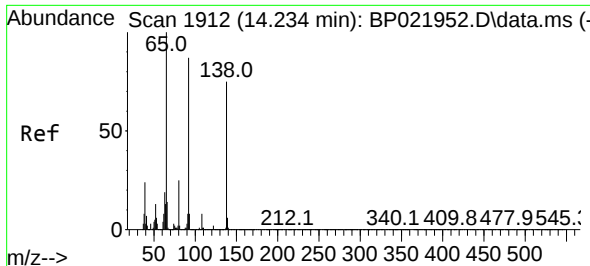
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#52
Acenaphthene
Concen: 8.091 ng
RT: 14.387 min Scan# 1938
Delta R.T. -0.012 min
Lab File: BP021981.D
Acq: 23 Sep 2024 13:51

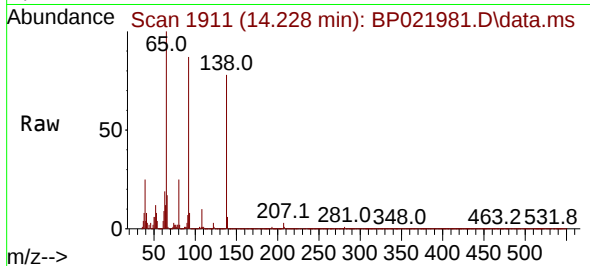
Tgt Ion:154 Resp: 131312
Ion Ratio Lower Upper
154 100
153 114.1 92.7 139.1
152 56.9 43.6 65.4





#53
3-Nitroaniline
Concen: 7.485 ng
RT: 14.228 min Scan# 1911
Delta R.T. -0.006 min
Lab File: BP021981.D
Acq: 23 Sep 2024 13:51

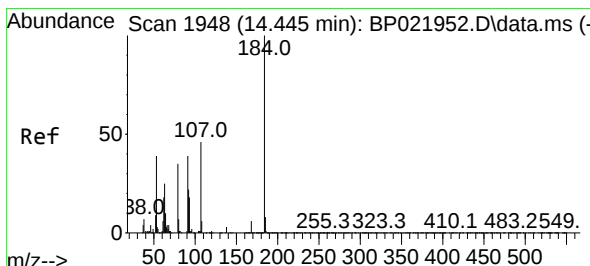
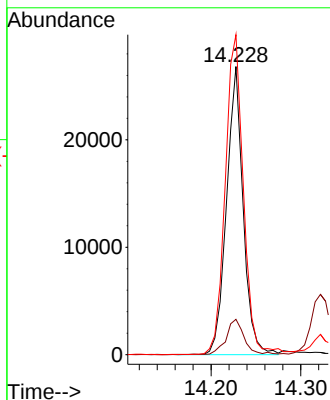
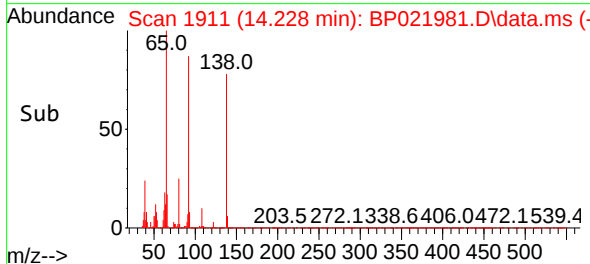
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2024



Tgt Ion:138 Resp: 34554
Ion Ratio Lower Upper
138 100
108 12.3 9.0 13.4
92 111.0 92.8 139.2

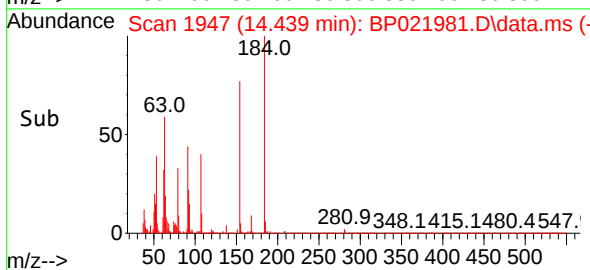
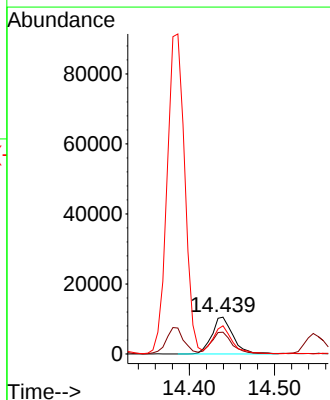
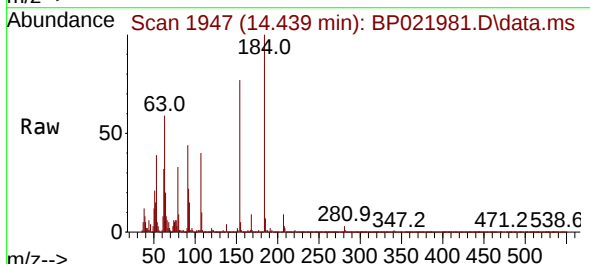
Manual Integrations
APPROVED

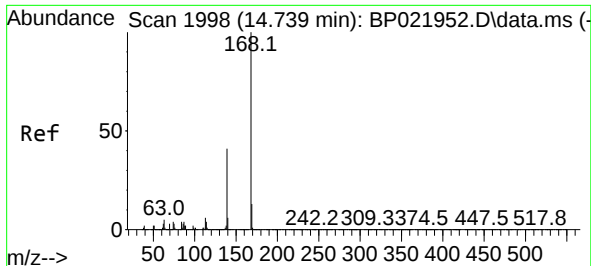
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#54
2,4-Dinitrophenol
Concen: 5.958 ng
RT: 14.439 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BP021981.D
Acq: 23 Sep 2024 13:51

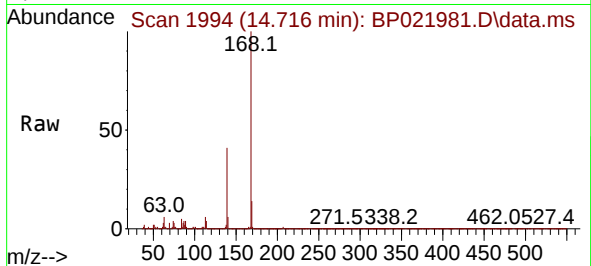
Tgt Ion:184 Resp: 18082
Ion Ratio Lower Upper
184 100
63 59.4 49.0 73.6
154 76.8 58.1 87.1





#55
Dibenzenofuran
Concen: 8.547 ng
RT: 14.716 min Scan# 1994
Delta R.T. -0.024 min
Lab File: BP021981.D
Acq: 23 Sep 2024 13:51

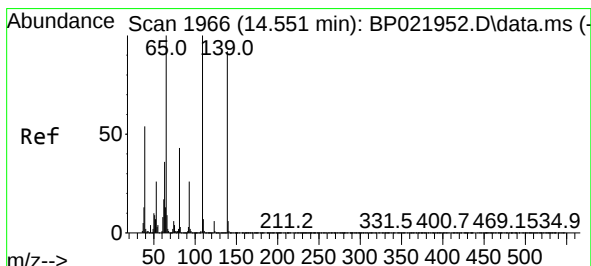
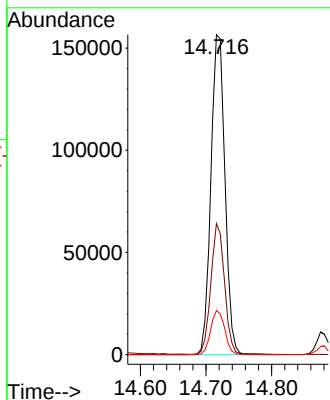
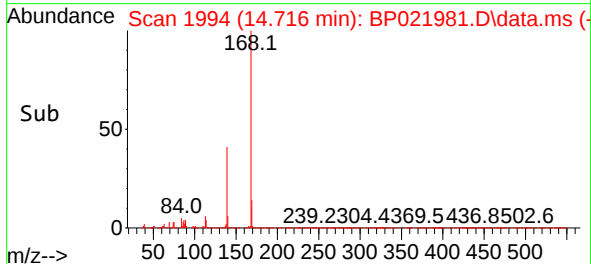
Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT2-2024



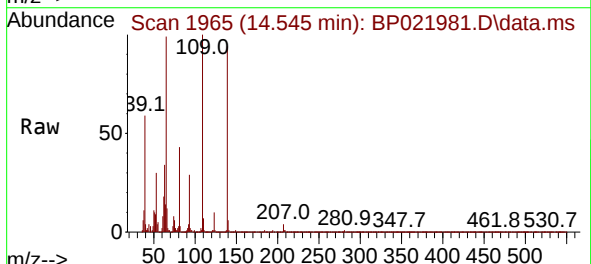
Tgt Ion:168 Resp: 233140
Ion Ratio Lower Upper
168 100
139 41.0 33.0 49.4
169 13.8 10.7 16.1

Manual Integrations
APPROVED

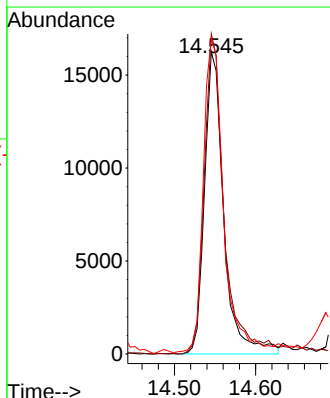
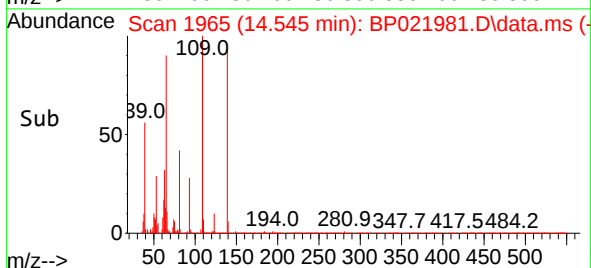
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024

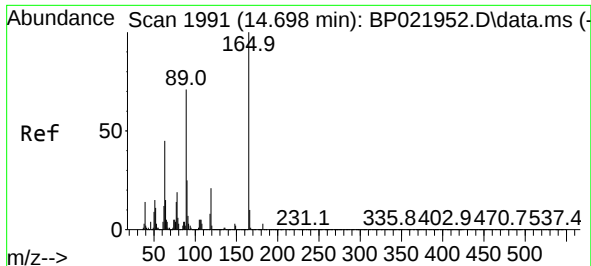


#56
4-Nitrophenol
Concen: 6.663 ng
RT: 14.545 min Scan# 1965
Delta R.T. -0.006 min
Lab File: BP021981.D
Acq: 23 Sep 2024 13:51



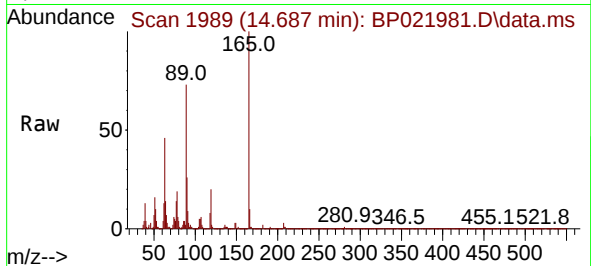
Tgt Ion:139 Resp: 26776
Ion Ratio Lower Upper
139 100
109 105.9 88.6 128.6
65 104.7 88.7 128.7





#57
2,4-Dinitrotoluene
Concen: 7.214 ng
RT: 14.687 min Scan# 1991
Delta R.T. -0.012 min
Lab File: BP021981.D
Acq: 23 Sep 2024 13:51

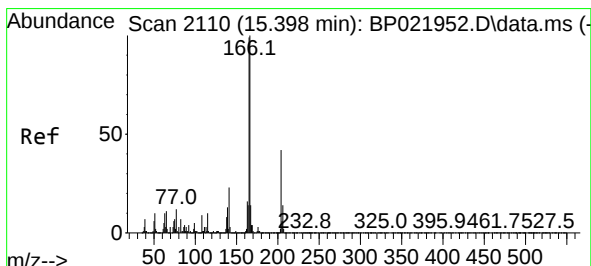
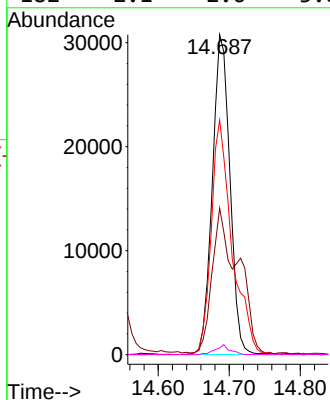
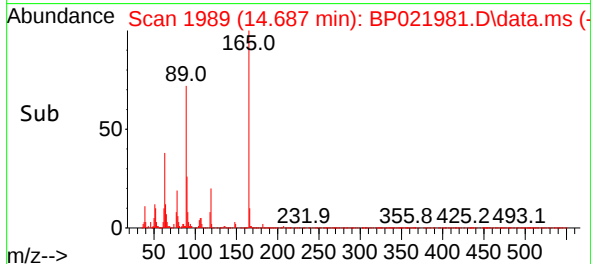
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2024



Tgt Ion:165 Resp: 52830
Ion Ratio Lower Upper
165 100
63 45.8 36.3 54.5
89 73.3 57.2 85.8
182 2.1 2.6 3.8#

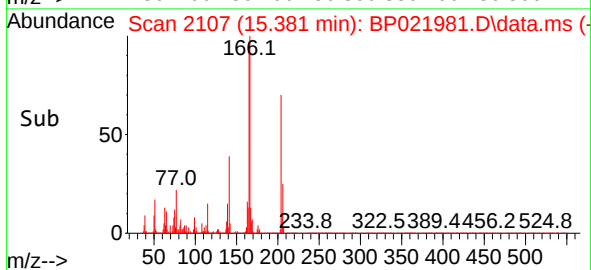
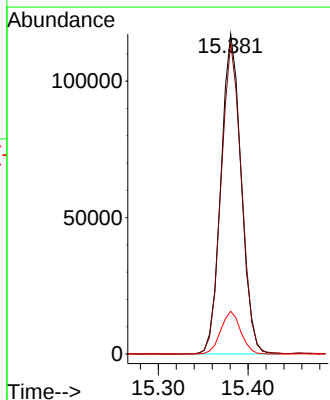
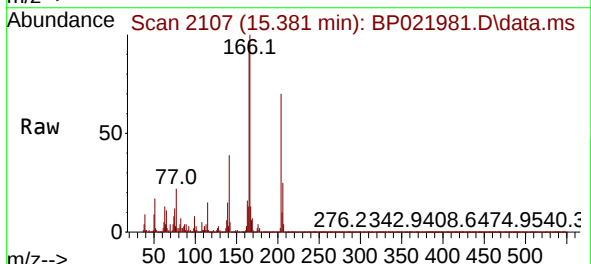
Manual Integrations
APPROVED

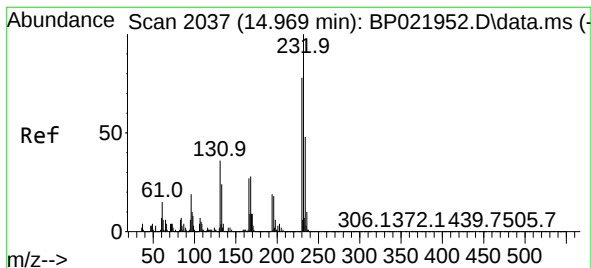
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#58
Fluorene
Concen: 8.053 ng
RT: 15.381 min Scan# 2107
Delta R.T. -0.018 min
Lab File: BP021981.D
Acq: 23 Sep 2024 13:51

Tgt Ion:166 Resp: 183452
Ion Ratio Lower Upper
166 100
165 97.4 79.4 119.2
167 13.4 10.9 16.3





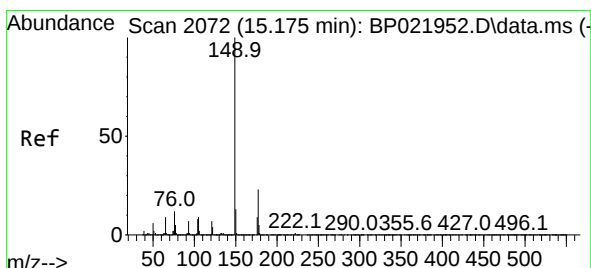
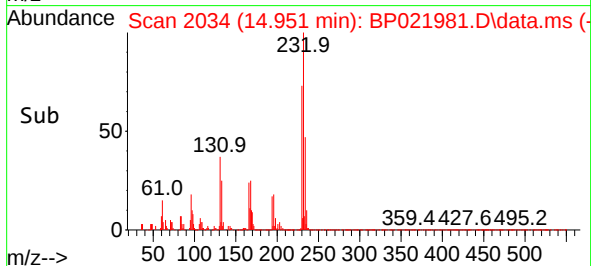
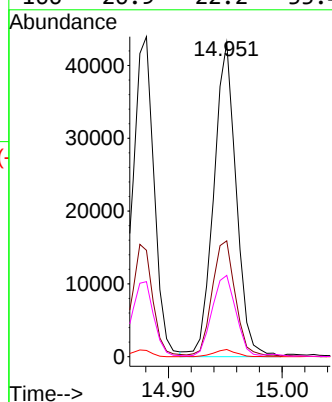
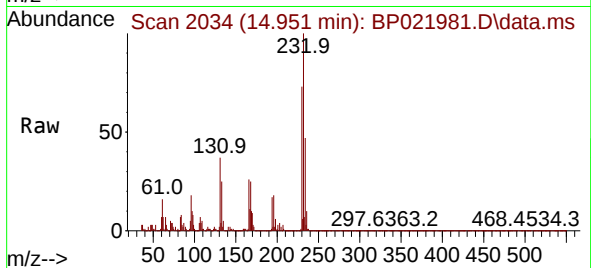
#59
2,3,4,6-Tetrachlorophenol
Concen: 7.956 ng
RT: 14.951 min Scan# 2034
Delta R.T. -0.018 min
Lab File: BP021981.D
Acq: 23 Sep 2024 13:51

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

Tgt Ion:232 Resp: 5928
Ion Ratio Lower Upper
232 100
131 38.6 30.2 45.4
130 2.3 1.9 2.9
166 26.9 22.2 33.4

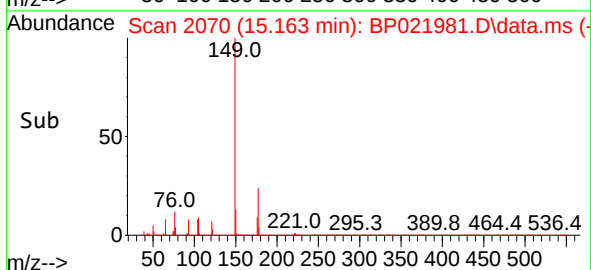
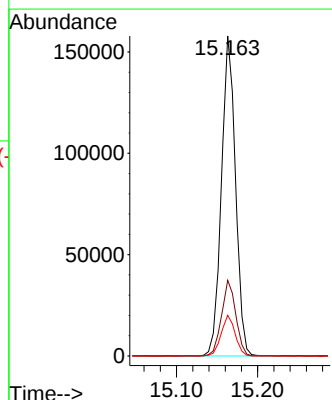
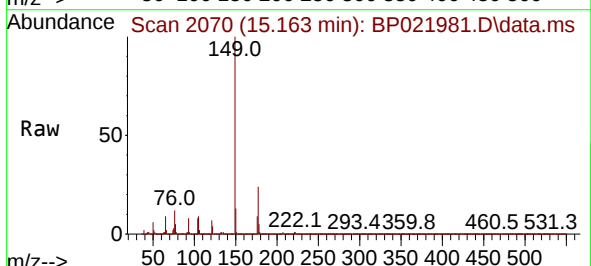
Manual Integrations
APPROVED

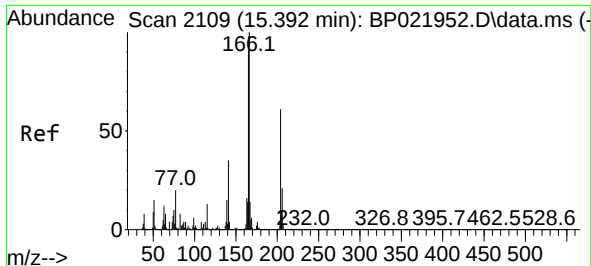
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#60
Diethylphthalate
Concen: 8.071 ng
RT: 15.163 min Scan# 2070
Delta R.T. -0.012 min
Lab File: BP021981.D
Acq: 23 Sep 2024 13:51

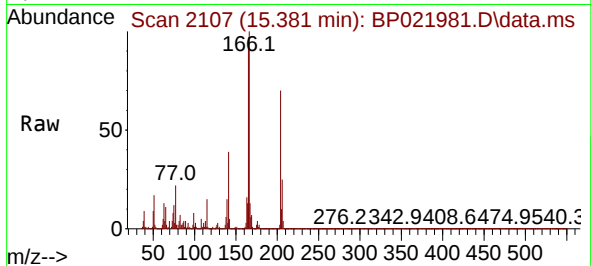
Tgt Ion:149 Resp: 190670
Ion Ratio Lower Upper
149 100
177 23.6 18.2 27.4
150 12.7 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 8.129 ng
RT: 15.381 min Scan# 2109
Delta R.T. -0.012 min
Lab File: BP021981.D
Acq: 23 Sep 2024 13:51

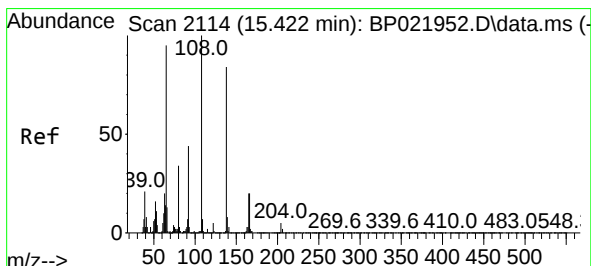
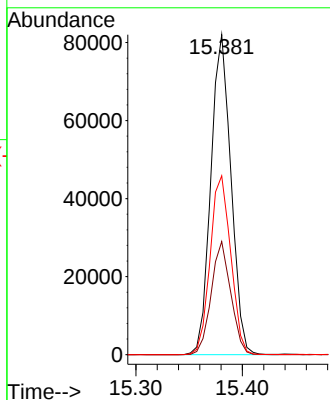
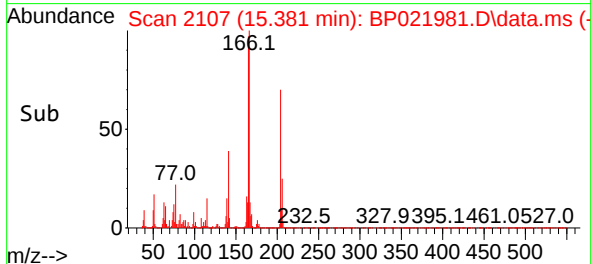
Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT2-2024



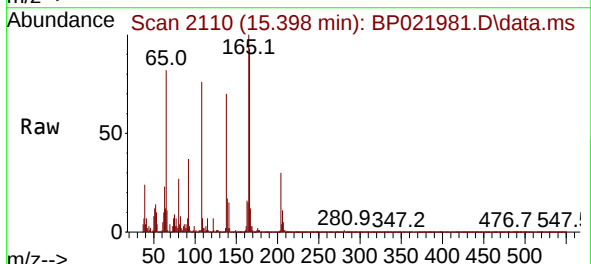
Tgt Ion:204 Resp: 107809
Ion Ratio Lower Upper
204 100
206 35.4 27.3 40.9
141 55.9 45.7 68.5

Manual Integrations
APPROVED

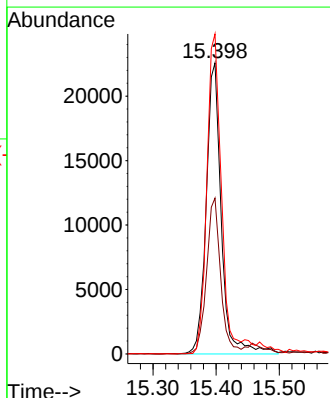
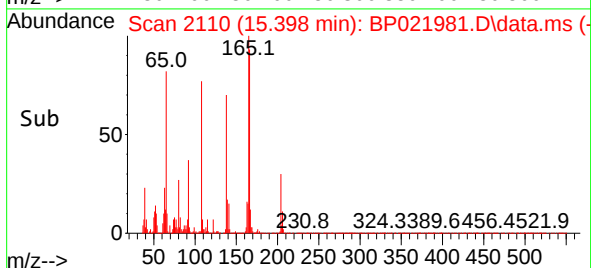
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024

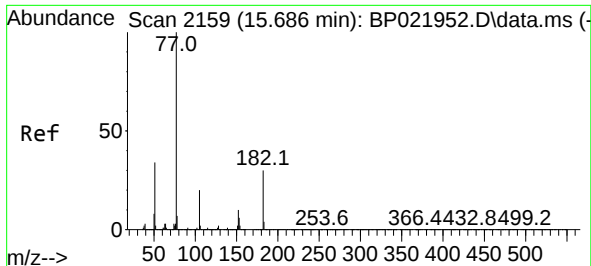


#62
4-Nitroaniline
Concen: 7.399 ng
RT: 15.398 min Scan# 2110
Delta R.T. -0.024 min
Lab File: BP021981.D
Acq: 23 Sep 2024 13:51



Tgt Ion:138 Resp: 37559
Ion Ratio Lower Upper
138 100
92 53.6 32.6 72.6
108 110.0 98.6 138.6





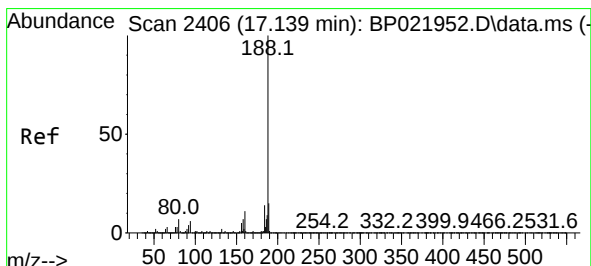
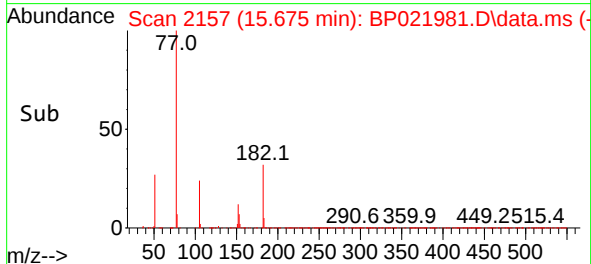
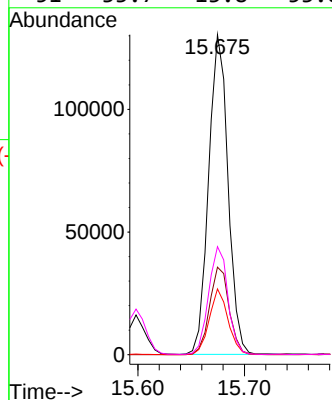
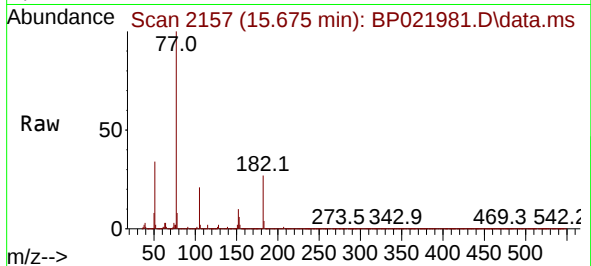
#63
Azobenzene
Concen: 8.438 ng
RT: 15.675 min Scan# 2159
Delta R.T. -0.012 min
Lab File: BP021981.D
Acq: 23 Sep 2024 13:51

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

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.4	9.6	49.6
105	20.6	0.0	39.8
51	33.7	13.8	53.8

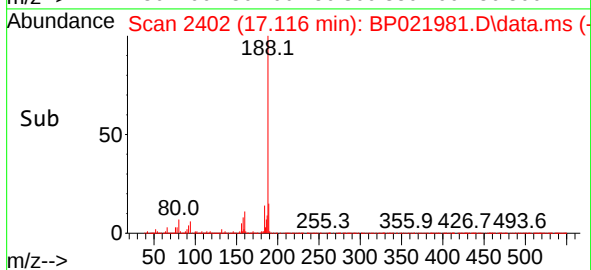
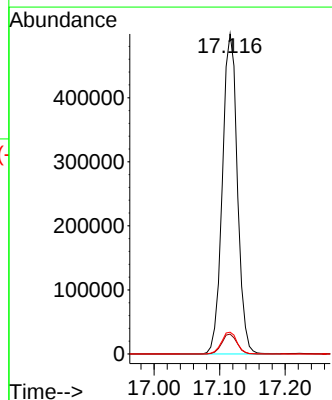
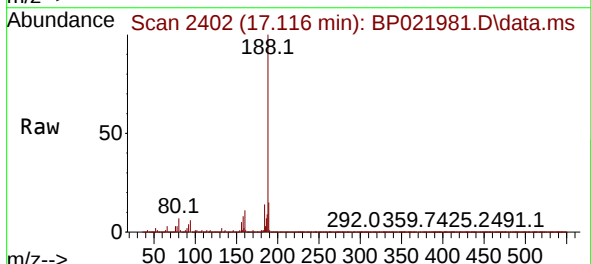
Manual Integrations
APPROVED

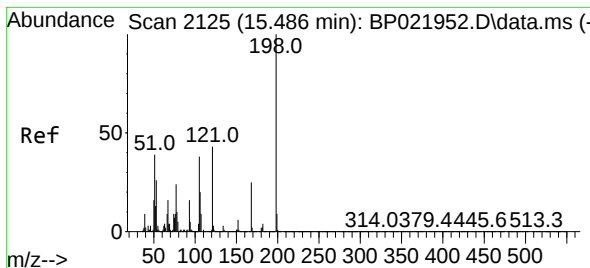
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.116 min Scan# 2402
Delta R.T. -0.024 min
Lab File: BP021981.D
Acq: 23 Sep 2024 13:51

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.2	4.6	6.8
80	6.8	5.4	8.2





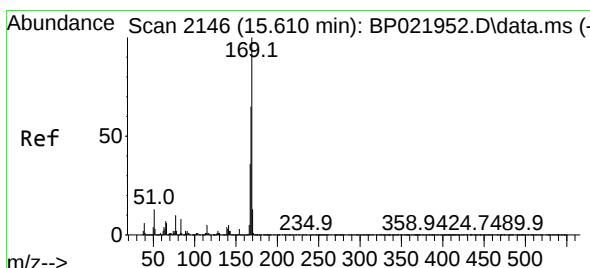
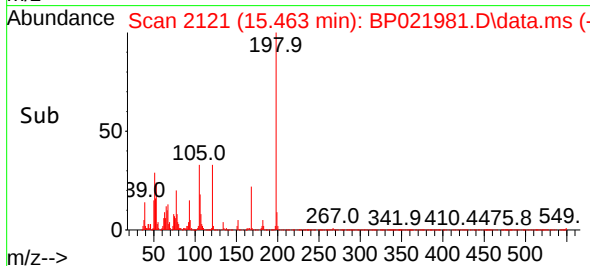
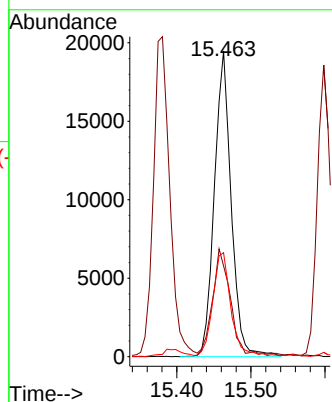
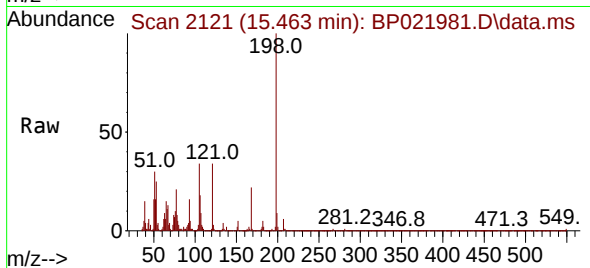
#65
4,6-Dinitro-2-methylphenol
Concen: 6.692 ng
RT: 15.463 min Scan# 2125
Delta R.T. -0.024 min
Lab File: BP021981.D
Acq: 23 Sep 2024 13:51

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

Tgt Ion:198 Resp: 30680
Ion Ratio Lower Upper
198 100
51 29.8 20.7 60.7
105 34.0 18.4 58.4

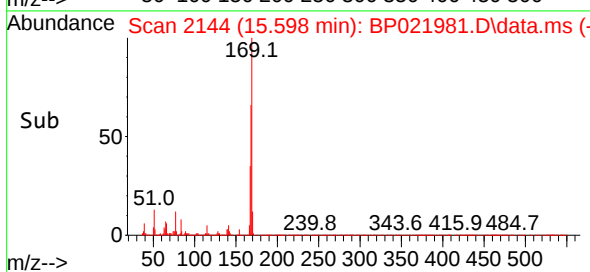
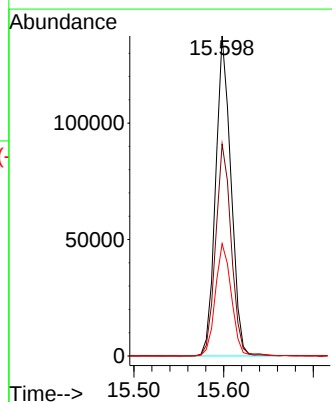
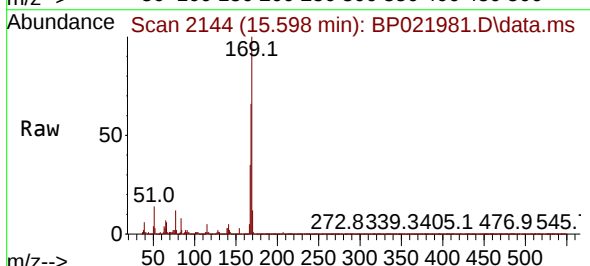
Manual Integrations
APPROVED

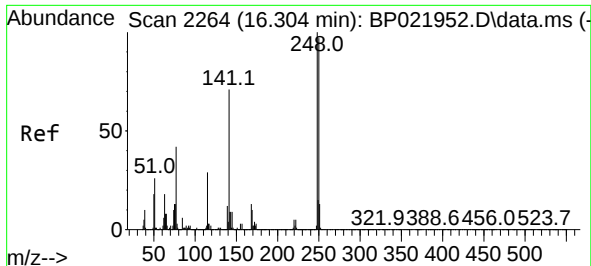
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#66
n-Nitrosodiphenylamine
Concen: 8.275 ng
RT: 15.598 min Scan# 2144
Delta R.T. -0.012 min
Lab File: BP021981.D
Acq: 23 Sep 2024 13:51

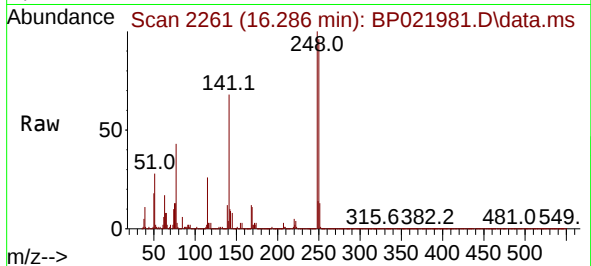
Tgt Ion:169 Resp: 162997
Ion Ratio Lower Upper
169 100
168 66.2 52.2 78.4
167 35.1 28.6 42.8





#67
4-Bromophenyl-phenylether
Concen: 8.013 ng
RT: 16.286 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP021981.D
Acq: 23 Sep 2024 13:51

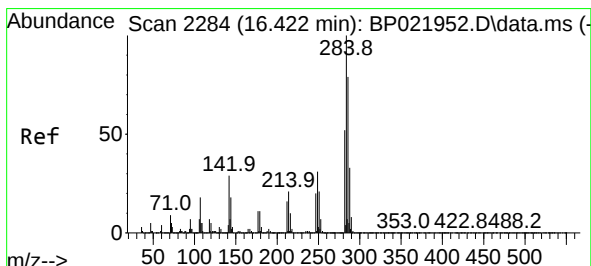
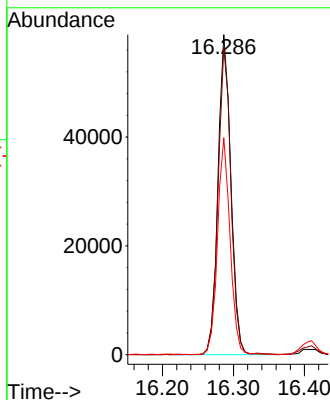
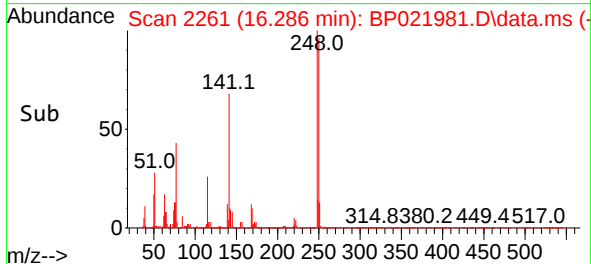
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2024



Tgt Ion:248 Resp: 73890
Ion Ratio Lower Upper
248 100
250 96.0 77.5 116.3
141 67.8 56.5 84.7

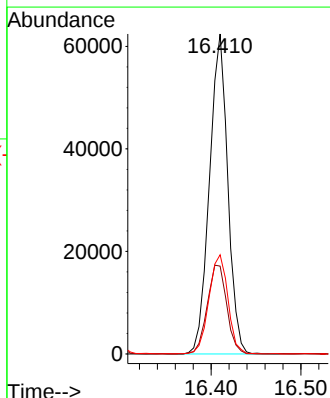
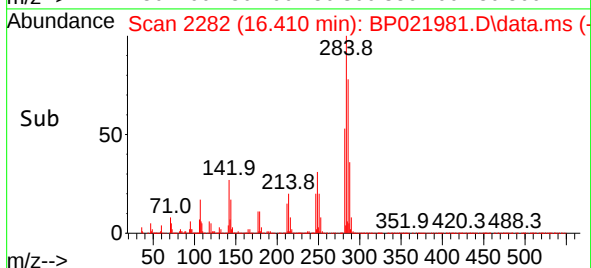
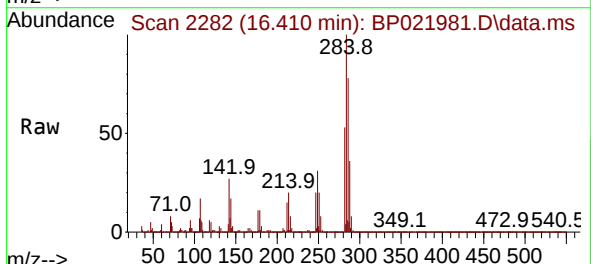
Manual Integrations
APPROVED

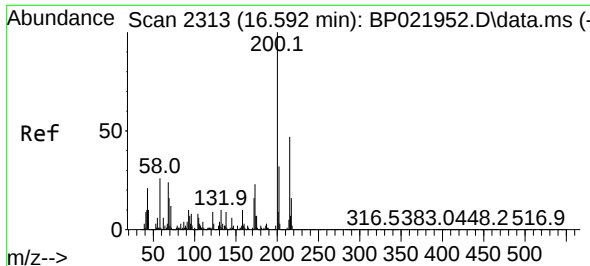
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#68
Hexachlorobenzene
Concen: 7.680 ng
RT: 16.410 min Scan# 2282
Delta R.T. -0.012 min
Lab File: BP021981.D
Acq: 23 Sep 2024 13:51

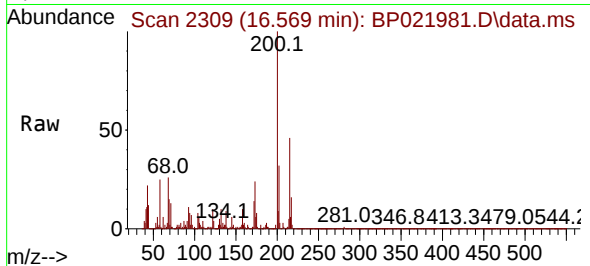
Tgt Ion:284 Resp: 88299
Ion Ratio Lower Upper
284 100
142 27.4 22.9 34.3
249 31.0 25.2 37.8





#69
Atrazine
Concen: 9.776 ng
RT: 16.569 min Scan# 21
Delta R.T. -0.024 min
Lab File: BP021981.D
Acq: 23 Sep 2024 13:51

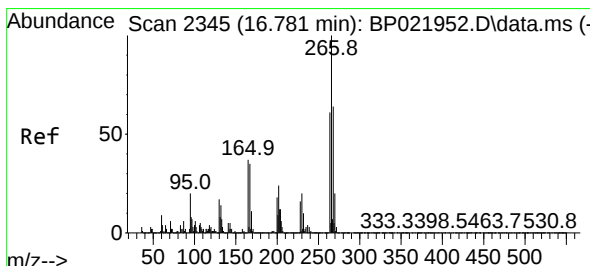
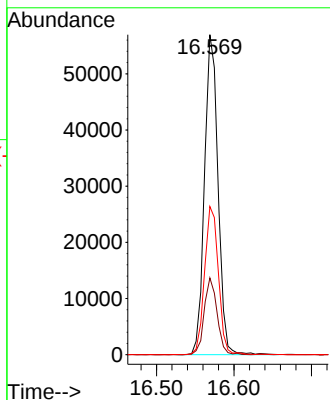
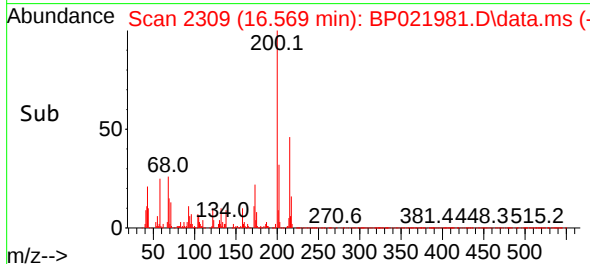
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2024



Tgt Ion:200 Resp: 6899
Ion Ratio Lower Upper
200 100
173 24.0 3.0 43.0
215 46.3 27.4 67.4

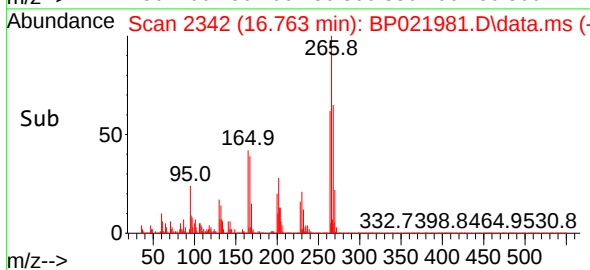
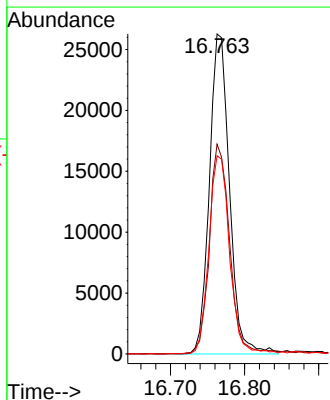
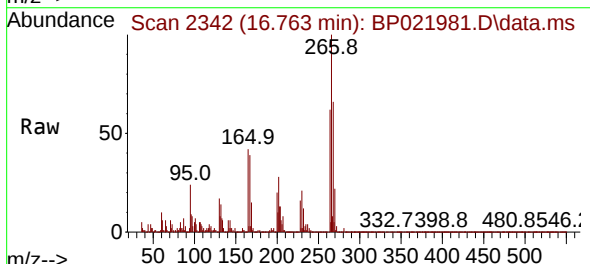
Manual Integrations
APPROVED

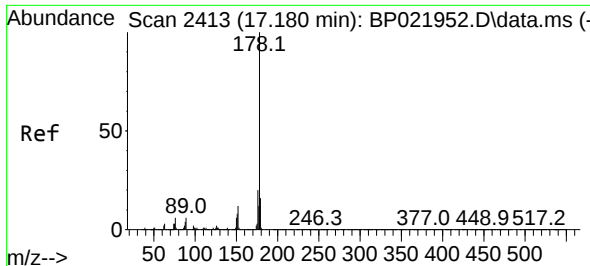
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#70
Pentachlorophenol
Concen: 6.388 ng
RT: 16.763 min Scan# 2342
Delta R.T. -0.018 min
Lab File: BP021981.D
Acq: 23 Sep 2024 13:51

Tgt Ion:266 Resp: 49411
Ion Ratio Lower Upper
266 100
268 65.5 51.1 76.7
264 62.0 48.6 72.8





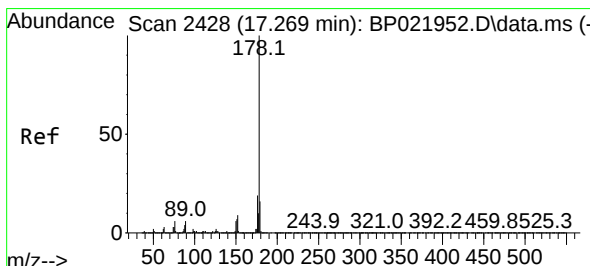
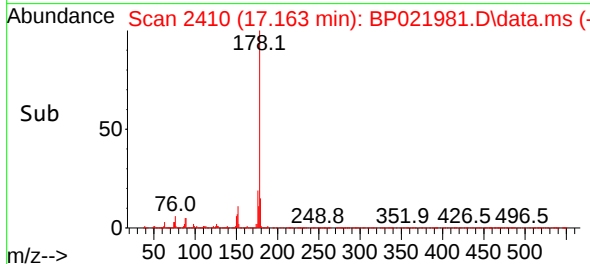
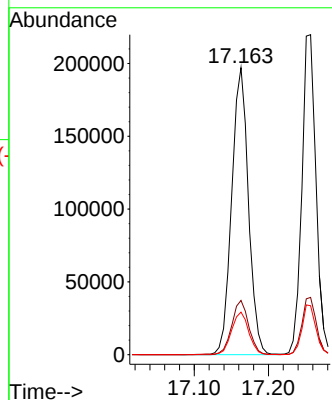
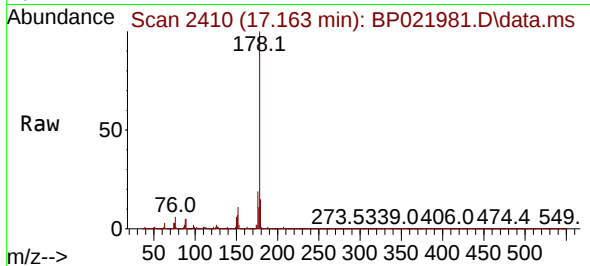
#71
Phenanthrene
Concen: 8.138 ng
RT: 17.163 min Scan# 2410
Delta R.T. -0.018 min
Lab File: BP021981.D
Acq: 23 Sep 2024 13:51

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

Tgt Ion:178 Resp: 30901
Ion Ratio Lower Upper
178 100
176 18.9 15.9 23.9
179 14.8 12.5 18.7

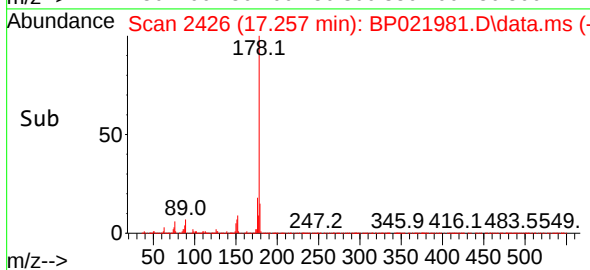
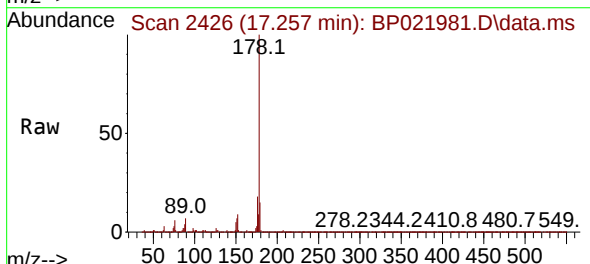
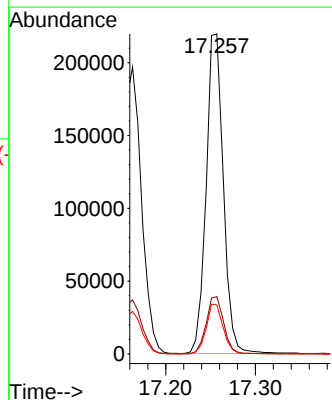
Manual Integrations
APPROVED

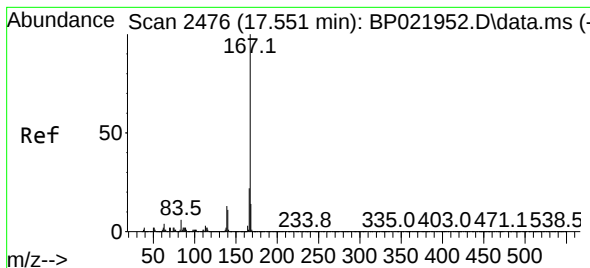
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#72
Anthracene
Concen: 7.945 ng
RT: 17.257 min Scan# 2426
Delta R.T. -0.012 min
Lab File: BP021981.D
Acq: 23 Sep 2024 13:51

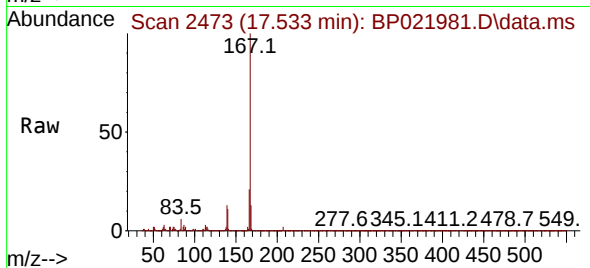
Tgt Ion:178 Resp: 292063
Ion Ratio Lower Upper
178 100
176 17.9 15.0 22.6
179 15.3 12.6 18.8





#73
Carbazole
Concen: 7.961 ng
RT: 17.533 min Scan# 2476
Delta R.T. -0.018 min
Lab File: BP021981.D
Acq: 23 Sep 2024 13:51

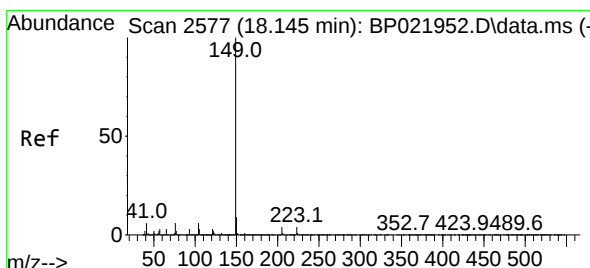
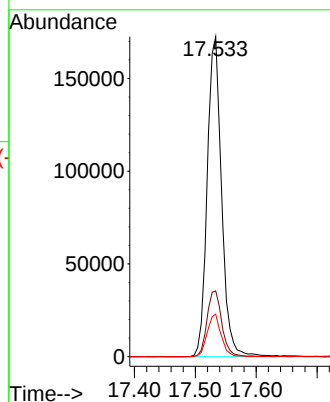
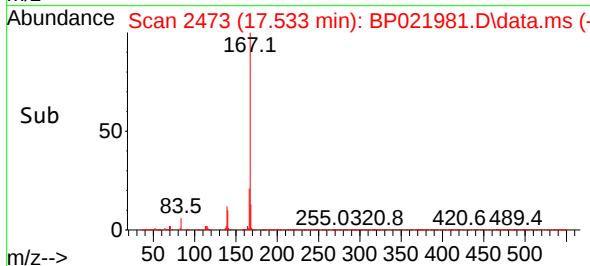
Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT2-2024



Tgt Ion:167 Resp: 28264
Ion Ratio Lower Upper
167 100
166 20.6 17.4 26.0
139 13.3 10.5 15.7

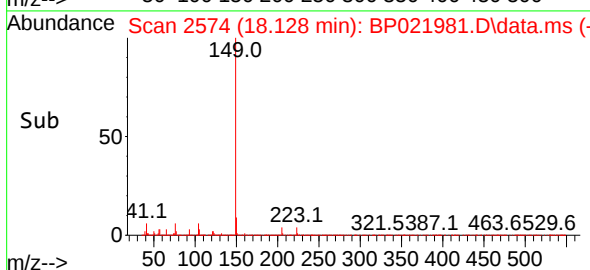
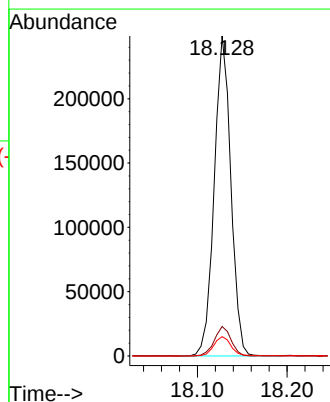
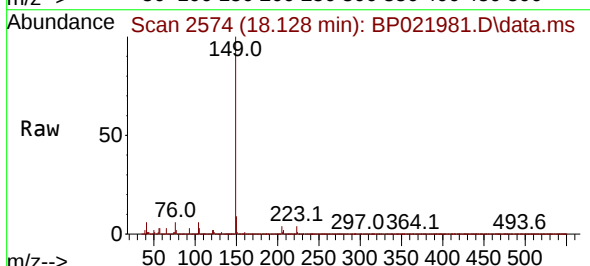
Manual Integrations
APPROVED

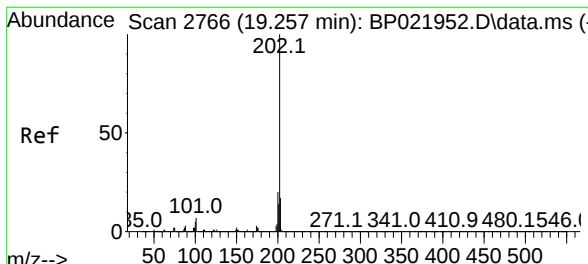
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#74
Di-n-butylphthalate
Concen: 7.673 ng
RT: 18.128 min Scan# 2574
Delta R.T. -0.018 min
Lab File: BP021981.D
Acq: 23 Sep 2024 13:51

Tgt Ion:149 Resp: 319974
Ion Ratio Lower Upper
149 100
150 9.2 7.3 10.9
104 6.1 4.6 6.8





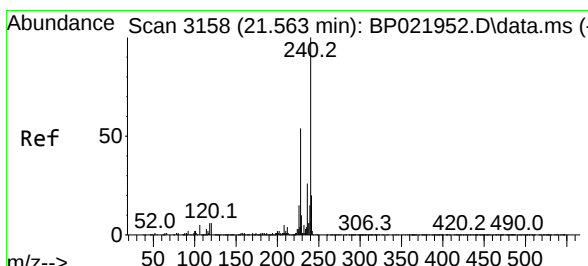
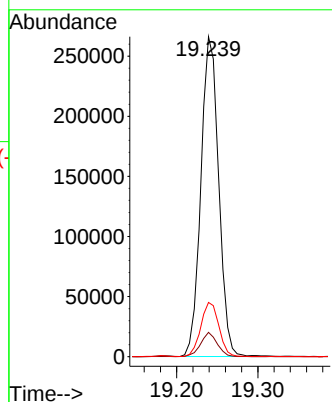
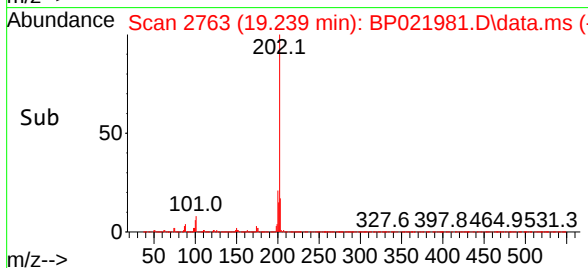
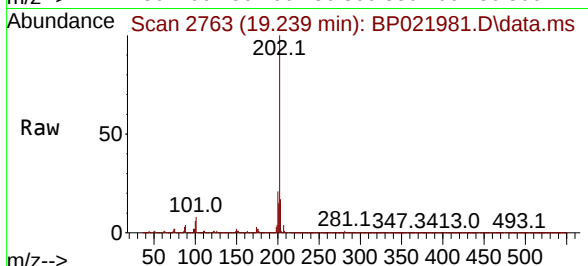
#75
 Fluoranthene
 Concen: 7.646 ng
 RT: 19.239 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BP021981.D
 Acq: 23 Sep 2024 13:51

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

Tgt Ion:	202	Resp:	40525
Ion Ratio	Lower	Upper	
202	100		
101	7.6	0.0	26.5
203	16.9	0.0	37.3

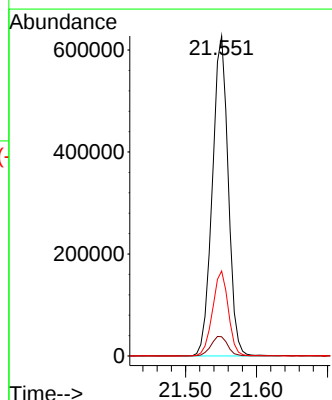
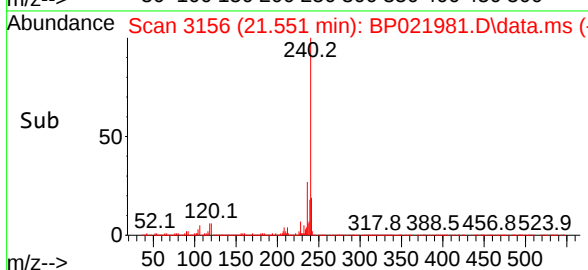
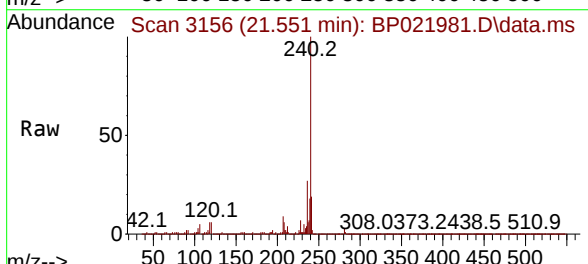
Manual Integrations
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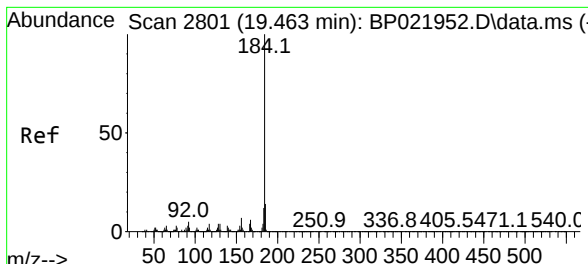
Reviewed By :Yogesh Patel 09/25/2024
 Supervised By :mohammad ahmed 09/25/2024



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.551 min Scan# 3156
 Delta R.T. -0.012 min
 Lab File: BP021981.D
 Acq: 23 Sep 2024 13:51

Tgt Ion:	240	Resp:	972704
Ion Ratio	Lower	Upper	
240	100		
120	6.0	5.1	7.7
236	26.6	20.7	31.1





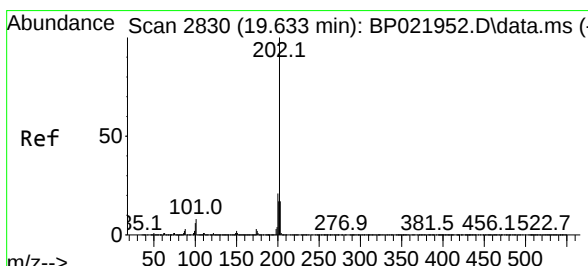
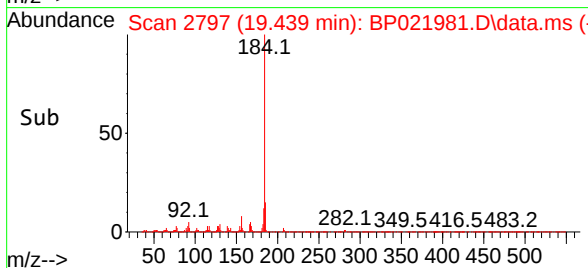
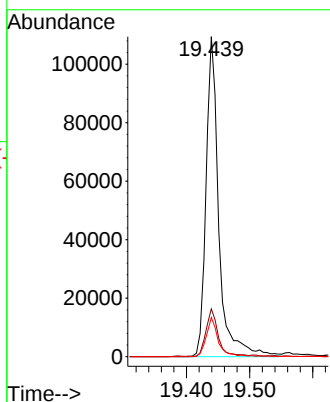
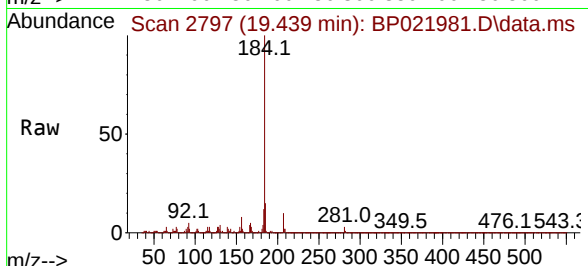
#77
Benzidine
Concen: 12.898 ng
RT: 19.439 min Scan# 21
Delta R.T. -0.024 min
Lab File: BP021981.D
Acq: 23 Sep 2024 13:51

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

Tgt Ion:184	Resp: 15331
Ion Ratio	Lower Upper
184 100	
185 15.0	10.9 16.3
183 12.2	9.2 13.8

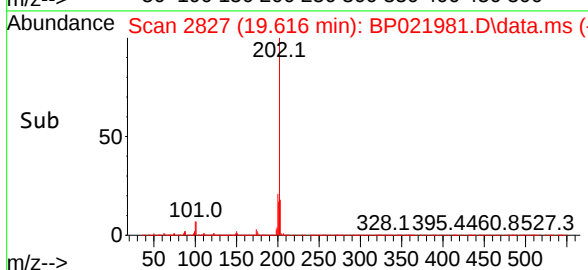
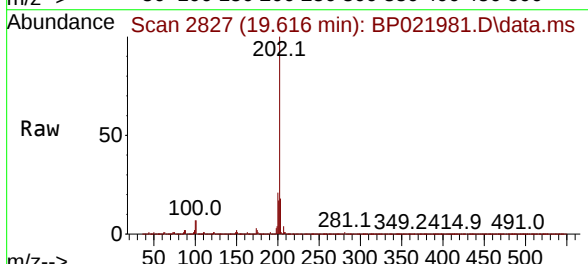
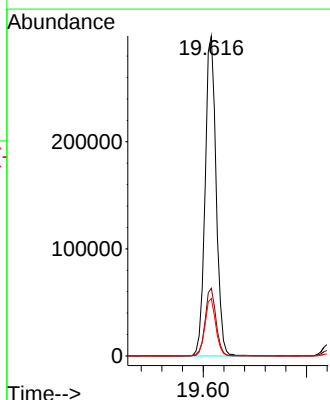
Manual Integrations
APPROVED

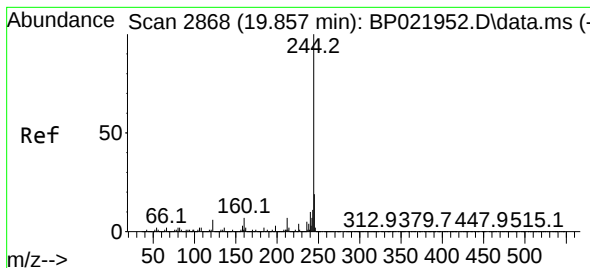
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#78
Pyrene
Concen: 7.484 ng
RT: 19.616 min Scan# 2827
Delta R.T. -0.018 min
Lab File: BP021981.D
Acq: 23 Sep 2024 13:51

Tgt Ion:202	Resp: 440361
Ion Ratio	Lower Upper
202 100	
200 21.2	16.8 25.2
203 17.9	13.8 20.8





#79

Terphenyl-d14

Concen: 77.683 ng

RT: 19.845 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP021981.D

Acq: 23 Sep 2024 13:51

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT2-2024

Tgt Ion:244 Resp: 402255

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

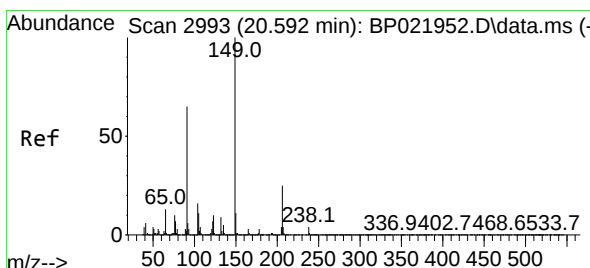
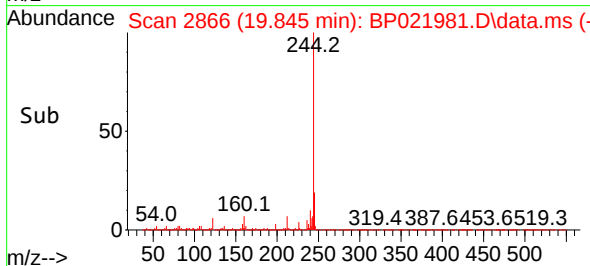
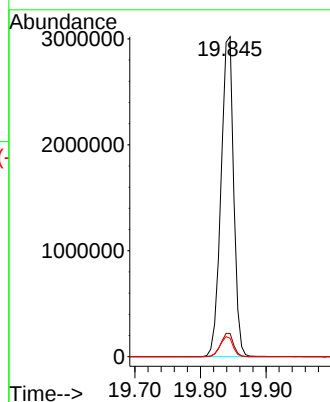
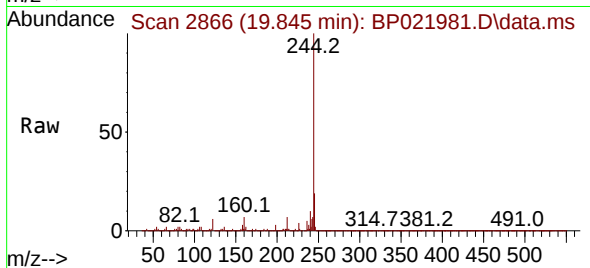
122 5.8 5.0 7.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024



#80

Butylbenzylphthalate

Concen: 7.608 ng

RT: 20.580 min Scan# 2991

Delta R.T. -0.012 min

Lab File: BP021981.D

Acq: 23 Sep 2024 13:51

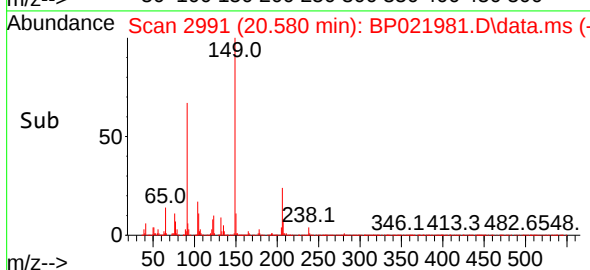
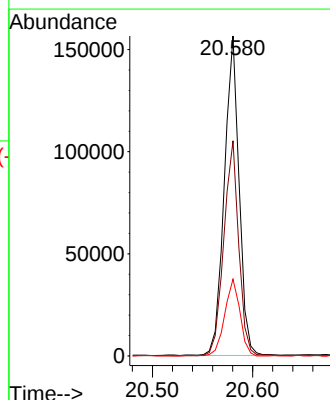
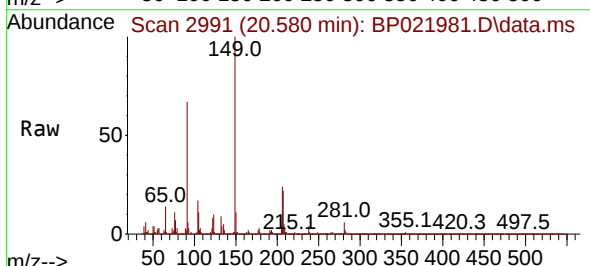
Tgt Ion:149 Resp: 159677

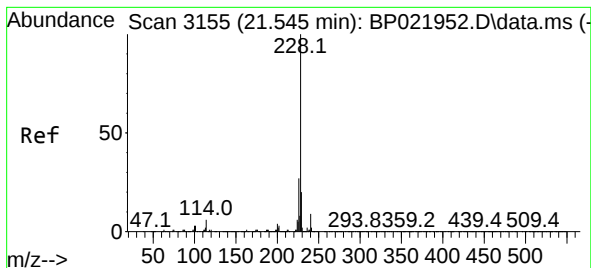
Ion Ratio Lower Upper

149 100

91 67.3 51.9 77.9

206 24.0 20.1 30.1





#81

Benzo(a)anthracene

Concen: 8.150 ng

RT: 21.527 min Scan# 3152

Delta R.T. -0.018 min

Lab File: BP021981.D

Acq: 23 Sep 2024 13:51

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT2-2024

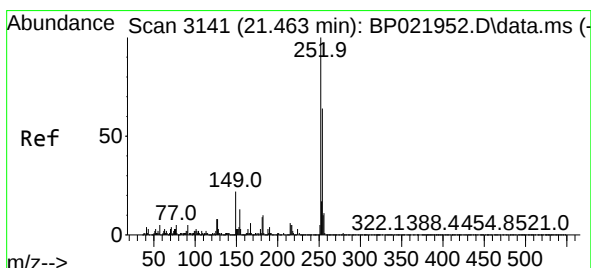
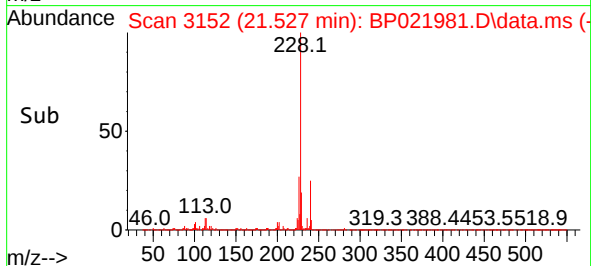
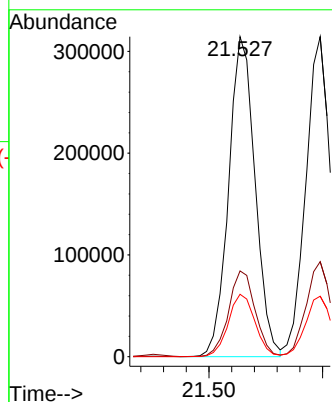
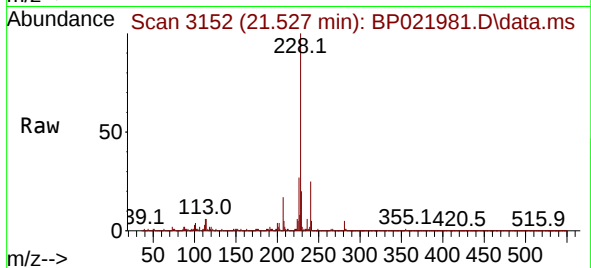
Tgt Ion:228	Resp: 509378
Ion Ratio	Lower Upper
228 100	
226 26.8	21.5 32.3
229 19.5	15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024



#82

3,3'-Dichlorobenzidine

Concen: 7.796 ng

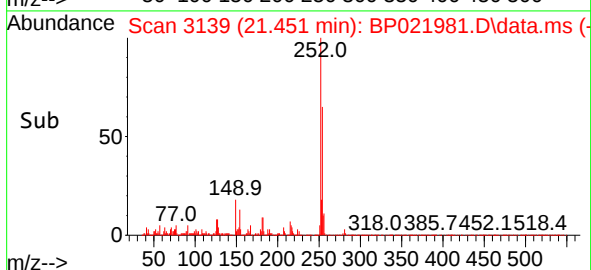
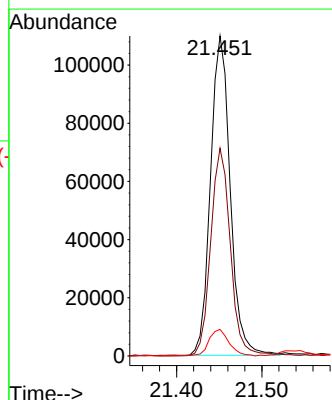
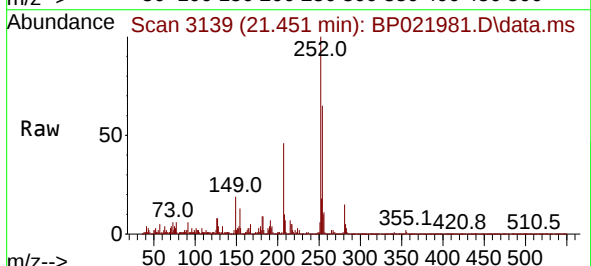
RT: 21.451 min Scan# 3139

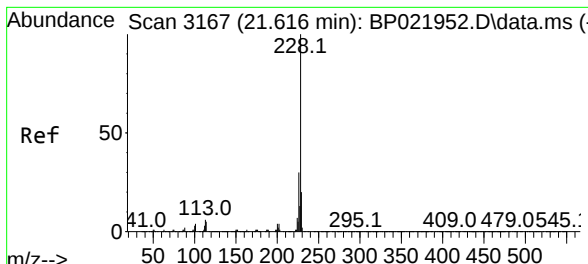
Delta R.T. -0.012 min

Lab File: BP021981.D

Acq: 23 Sep 2024 13:51

Tgt Ion:252	Resp: 176800
Ion Ratio	Lower Upper
252 100	
254 64.9	51.4 77.2
126 8.3	6.2 9.4





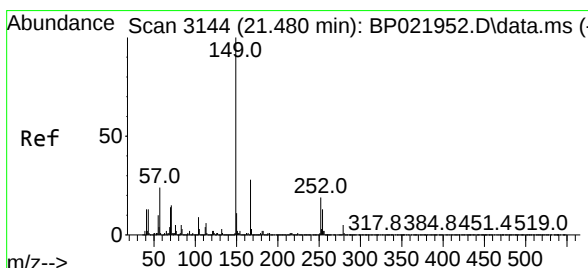
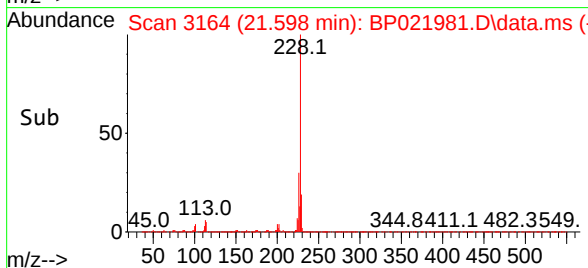
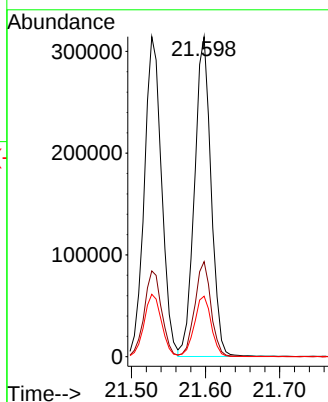
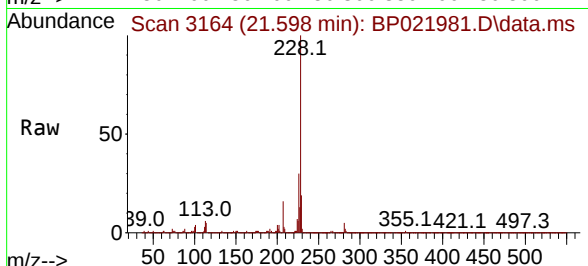
#83
 Chrysene
 Concen: 8.243 ng
 RT: 21.598 min Scan# 3164
 Delta R.T. -0.018 min
 Lab File: BP021981.D
 Acq: 23 Sep 2024 13:51

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

Tgt Ion:	228	Resp:	485089
Ion Ratio	Lower	Upper	
228	100		
226	29.7	24.2	36.4
229	18.9	15.7	23.5

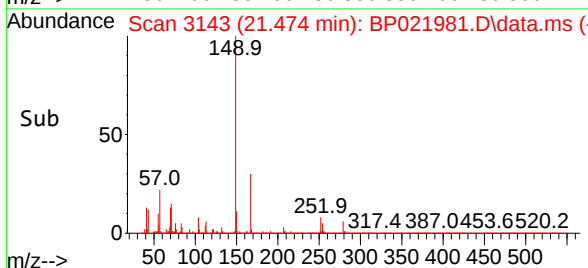
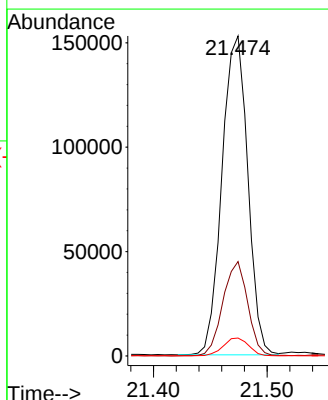
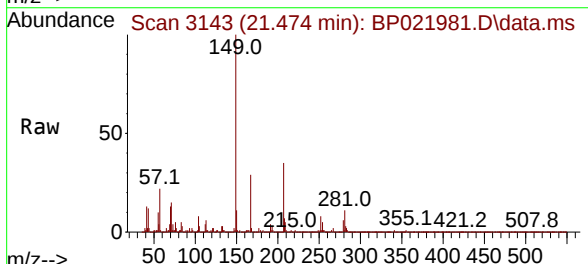
Manual Integrations
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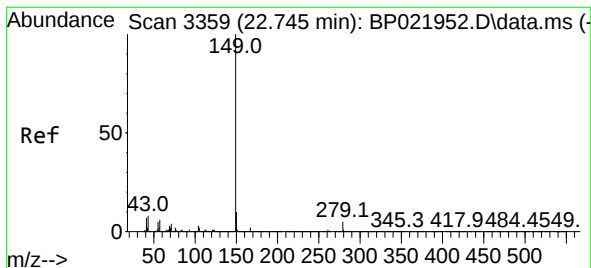
Reviewed By :Yogesh Patel 09/25/2024
 Supervised By :mohammad ahmed 09/25/2024



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 7.819 ng
 RT: 21.474 min Scan# 3143
 Delta R.T. -0.006 min
 Lab File: BP021981.D
 Acq: 23 Sep 2024 13:51

Tgt Ion:	149	Resp:	240855
Ion Ratio	Lower	Upper	
149	100		
167	29.5	22.3	33.5
279	5.6	4.2	6.2





#85

Di-n-octyl phthalate

Concen: 7.782 ng

RT: 22.716 min Scan# 31

Delta R.T. -0.029 min

Lab File: BP021981.D

Acq: 23 Sep 2024 13:51

Instrument :

BNA_P

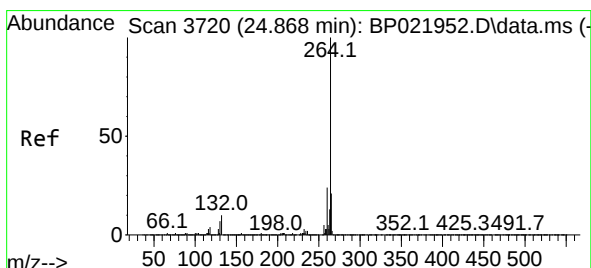
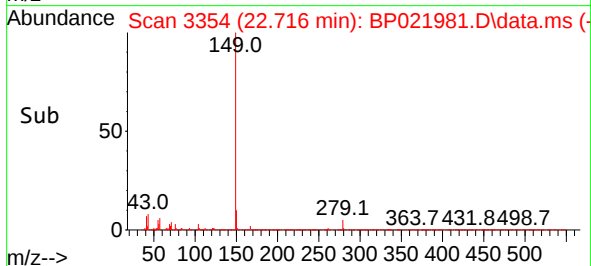
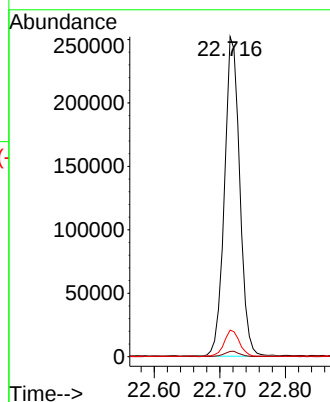
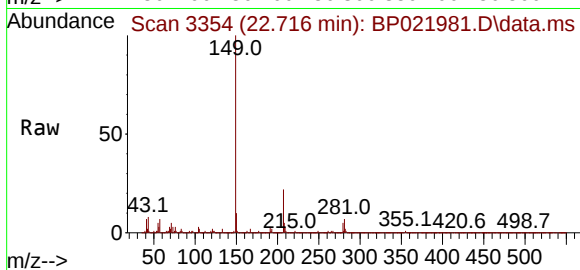
ClientSampleId :

MDL-WATER-03-QT2-2024

Tgt Ion:	149	Resp:	40713
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.4	2.0
43	8.1	6.2	9.4

Manual Integrations
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Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#86

Perylene-d12

Concen: 20.000 ng

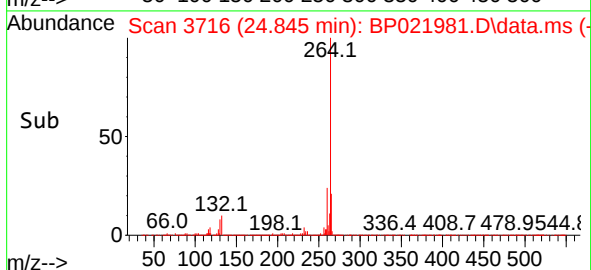
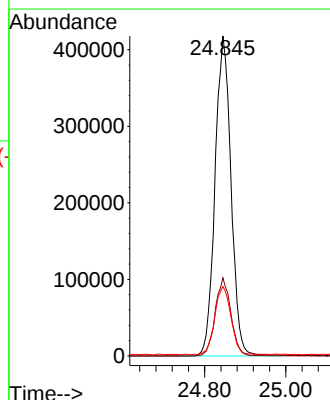
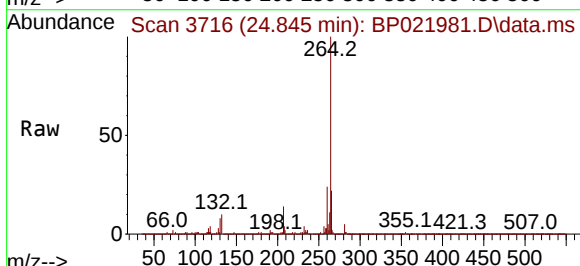
RT: 24.845 min Scan# 3716

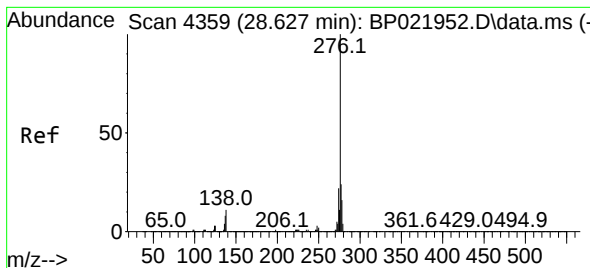
Delta R.T. -0.024 min

Lab File: BP021981.D

Acq: 23 Sep 2024 13:51

Tgt Ion:	264	Resp:	1140585
Ion Ratio	Lower	Upper	
264	100		
260	24.4	18.9	28.3
265	21.7	17.5	26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 8.513 ng

RT: 28.568 min Scan# 41

Delta R.T. -0.059 min

Lab File: BP021981.D

Acq: 23 Sep 2024 13:51

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT2-2024

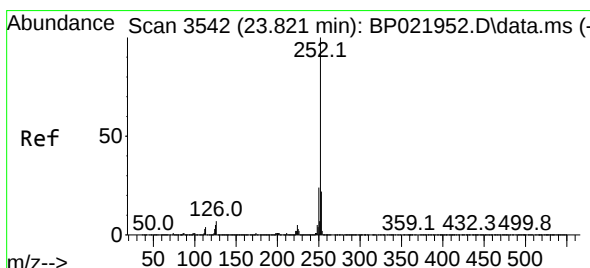
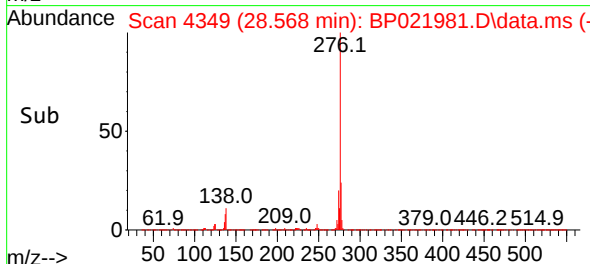
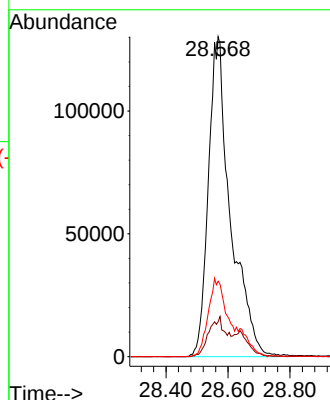
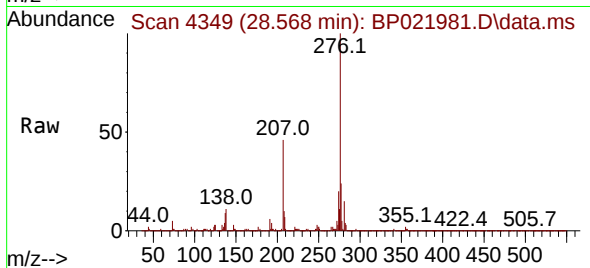
Tgt Ion:	276	Resp:	64579
Ion Ratio	Lower	Upper	
276	100		
138	10.1	7.8	11.8
277	25.6	20.5	30.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024



#88

Benzo(b)fluoranthene

Concen: 8.020 ng

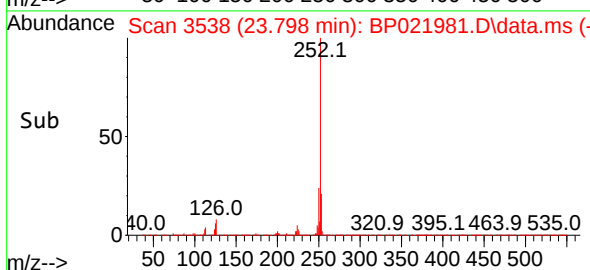
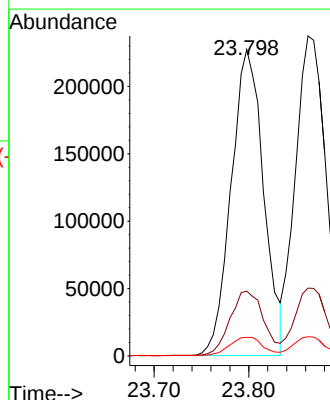
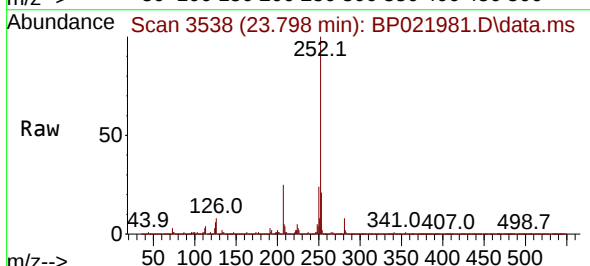
RT: 23.798 min Scan# 3538

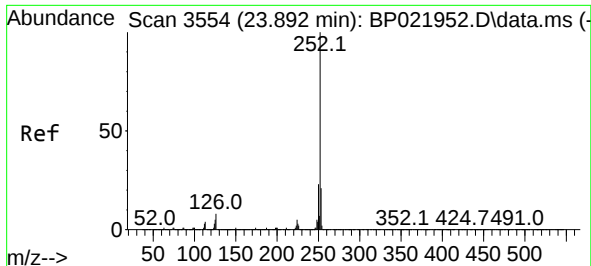
Delta R.T. -0.024 min

Lab File: BP021981.D

Acq: 23 Sep 2024 13:51

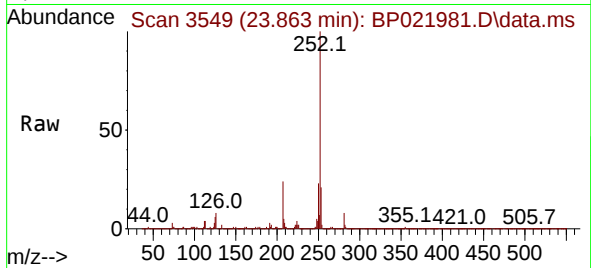
Tgt Ion:	252	Resp:	540993
Ion Ratio	Lower	Upper	
252	100		
253	21.2	17.4	26.0
125	6.0	4.2	6.2





#89
Benzo(k)fluoranthene
Concen: 8.433 ng
RT: 23.863 min Scan# 3554
Delta R.T. -0.029 min
Lab File: BP021981.D
Acq: 23 Sep 2024 13:51

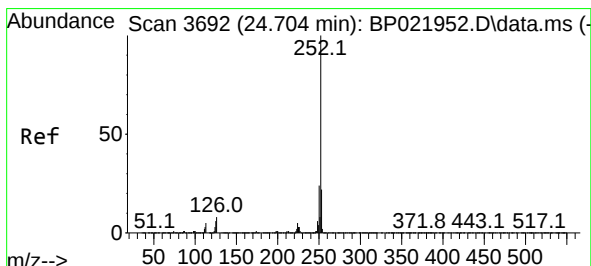
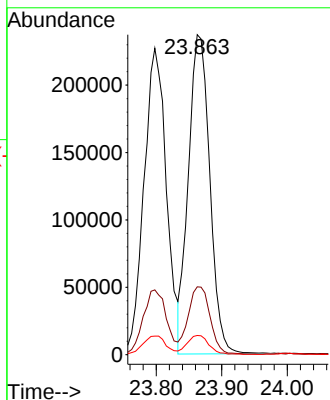
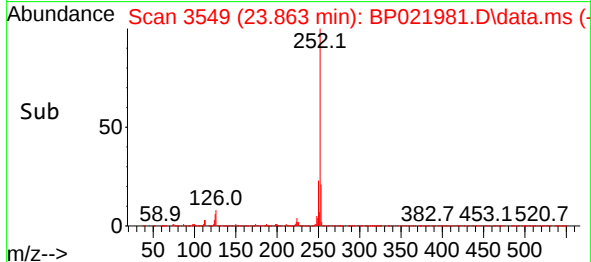
Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT2-2024



Tgt Ion:252 Resp: 53831
Ion Ratio Lower Upper
252 100
253 21.2 17.0 25.6
125 6.0 4.3 6.5

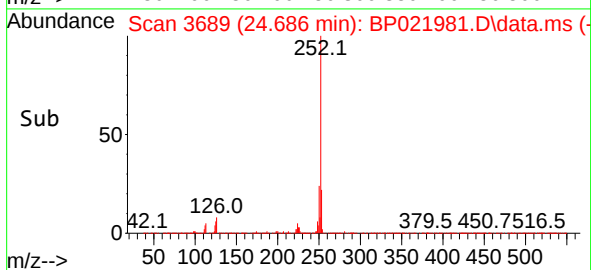
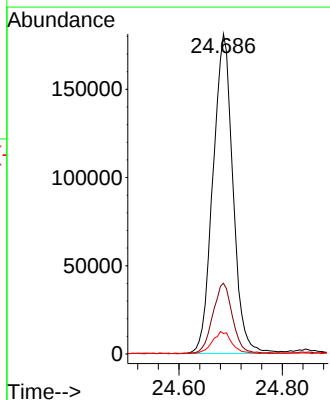
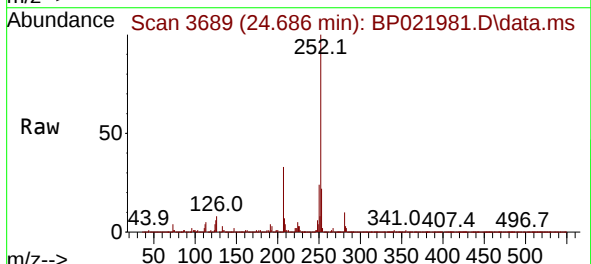
Manual Integrations
APPROVED

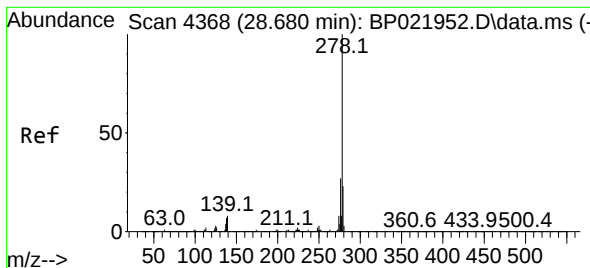
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#90
Benzo(a)pyrene
Concen: 8.351 ng
RT: 24.686 min Scan# 3689
Delta R.T. -0.018 min
Lab File: BP021981.D
Acq: 23 Sep 2024 13:51

Tgt Ion:252 Resp: 485296
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 6.4 5.0 7.6





#91

Dibenzo(a,h)anthracene

Concen: 8.418 ng

RT: 28.639 min Scan# 41

Delta R.T. -0.041 min

Lab File: BP021981.D

Acq: 23 Sep 2024 13:51

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT2-2024

Tgt Ion:278 Resp: 52702

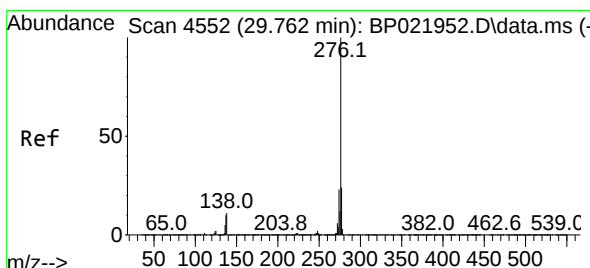
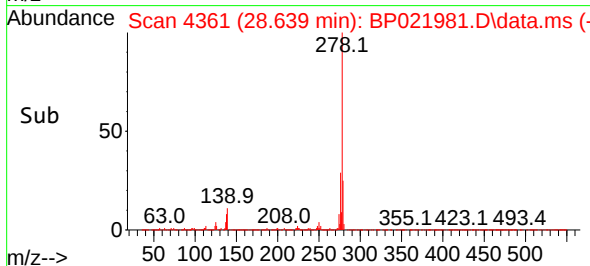
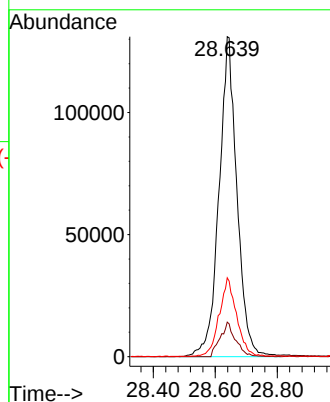
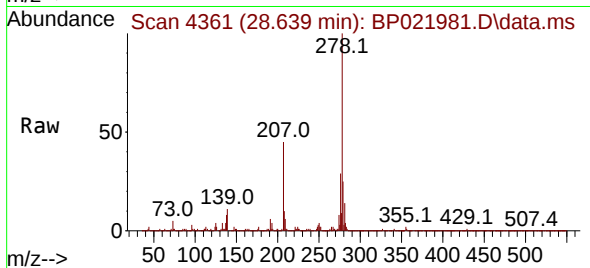
Ion	Ratio	Lower	Upper
278	100		
139	10.8	6.6	10.0
279	24.6	18.8	28.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024



#92

Benzo(g,h,i)perylene

Concen: 7.702 ng

RT: 29.721 min Scan# 4545

Delta R.T. -0.041 min

Lab File: BP021981.D

Acq: 23 Sep 2024 13:51

Tgt Ion:276 Resp: 493937

Ion	Ratio	Lower	Upper
276	100		
277	22.7	19.3	28.9
138	12.3	9.2	13.8

