

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092324\
 Data File : BP021980.D
 Acq On : 23 Sep 2024 13:11
 Operator : RC/JU
 Sample : P2403-09
 Misc : MDL-MDL-WATER-4 PPM
 ALS Vial : 7 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 14:04:50 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	7.711	152	131223	20.000	ng	0.00
21) Naphthalene-d8	10.475	136	520424	20.000	ng	0.00
39) Acenaphthene-d10	14.322	164	393173	20.000	ng	0.00
64) Phenanthrene-d10	17.122	188	945454	20.000	ng	-0.02
76) Chrysene-d12	21.557	240	1165068	20.000	ng	0.00
86) Perylene-d12	24.845	264	1352715	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	728528	104.334	ng	0.00
7) Phenol-d6	6.893	99	960929	106.007	ng	0.00
23) Nitrobenzene-d5	8.852	82	734196	74.648	ng	0.00
42) 2,4,6-Tribromophenol	15.845	330	782075	107.296	ng	-0.01
45) 2-Fluorobiphenyl	12.934	172	1929639	71.643	ng	0.00
79) Terphenyl-d14	19.845	244	3901338	62.903	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.258	88	9878	3.407	ng	94
3) Pyridine	3.664	79	23510	3.040	ng	97
4) n-Nitrosodimethylamine	3.564	42	14344	3.516	ng	# 95
6) Aniline	7.046	93	33651	4.225	ng	98
8) 2-Chlorophenol	7.287	128	27861	3.731	ng	96
9) Benzaldehyde	6.869	77	26719m	5.637	ng	
10) Phenol	6.922	94	32204	3.577	ng	93
11) bis(2-Chloroethyl)ether	7.146	93	24399	3.598	ng	96
12) 1,3-Dichlorobenzene	7.605	146	33111	3.513	ng	98
13) 1,4-Dichlorobenzene	7.746	146	33605	3.515	ng	95
14) 1,2-Dichlorobenzene	8.058	146	31940	3.481	ng	95
15) Benzyl Alcohol	7.952	79	23917	3.440	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.222	45	29702	4.106	ng	95
17) 2-Methylphenol	8.146	107	20675	3.399	ng	91
18) Hexachloroethane	8.775	117	11880	3.380	ng	98
19) n-Nitroso-di-n-propyla...	8.505	70	20627	3.661	ng	97
20) 3+4-Methylphenols	8.469	107	27629	3.218	ng	95
22) Acetophenone	8.522	105	43977	3.464	ng	96
24) Nitrobenzene	8.887	77	35844	3.589	ng	99
25) Isophorone	9.416	82	54272	3.347	ng	99
26) 2-Nitrophenol	9.593	139	12119	2.775	ng	94
27) 2,4-Dimethylphenol	9.658	122	12593	2.490	ng	99
28) bis(2-Chloroethoxy)met...	9.887	93	33885	3.485	ng	99
29) 2,4-Dichlorophenol	10.128	162	25212	2.937	ng	92
30) 1,2,4-Trichlorobenzene	10.340	180	35541	3.324	ng	98
31) Naphthalene	10.516	128	89866	3.461	ng	99
33) 4-Chloroaniline	10.634	127	33125	3.536	ng	98
34) Hexachlorobutadiene	10.810	225	26889	3.215	ng	94
35) Caprolactam	11.404	113	7492	2.933	ng	97
36) 4-Chloro-3-methylphenol	11.757	107	27989	3.039	ng	96
37) 2-Methylnaphthalene	12.134	142	66649	3.508	ng	97
38) 1-Methylnaphthalene	12.357	142	59305	3.162	ng	97
40) 1,2,4,5-Tetrachloroben...	12.499	216	45387	3.300	ng	98
41) Hexachlorocyclopentadiene	12.487	237	12752	2.495	ng	92
43) 2,4,6-Trichlorophenol	12.746	196	24964	2.957	ng	93
44) 2,4,5-Trichlorophenol	12.816	196	26009	2.746	ng	98

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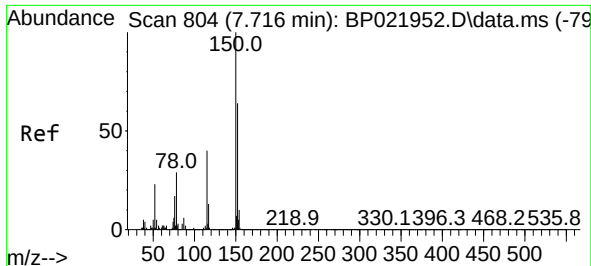
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.151	154	94422	3.522	ng	97
47) 2-Chloronaphthalene	13.193	162	73294	3.381	ng	99
48) 2-Nitroaniline	13.398	65	16064	2.714	ng	96
49) Acenaphthylene	14.040	152	104619	3.420	ng	97
50) Dimethylphthalate	13.787	163	94368	3.309	ng	99
51) 2,6-Dinitrotoluene	13.893	165	18340	2.886	ng	97
52) Acenaphthene	14.387	154	64390	3.235	ng	99
53) 3-Nitroaniline	14.228	138	15531	2.743	ng #	83
54) 2,4-Dinitrophenol	14.445	184	7672	2.061	ng #	88
55) Dibenzofuran	14.728	168	116800	3.491	ng	97
56) 4-Nitrophenol	14.551	139	10446	2.119	ng	90
57) 2,4-Dinitrotoluene	14.693	165	23500	2.616	ng	98
58) Fluorene	15.387	166	89802	3.214	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.963	232	28335	3.100	ng	99
60) Diethylphthalate	15.163	149	94014	3.244	ng	99
61) 4-Chlorophenyl-phenyle...	15.375	204	52611	3.234	ng	96
62) 4-Nitroaniline	15.398	138	16286	2.615	ng	95
63) Azobenzene	15.675	77	76937	3.208	ng	97
65) 4,6-Dinitro-2-methylph...	15.475	198	13161	2.402	ng	93
66) n-Nitrosodiphenylamine	15.598	169	79057	3.358	ng	99
67) 4-Bromophenyl-phenylether	16.298	248	34924	3.169	ng	96
68) Hexachlorobenzene	16.410	284	44812	3.261	ng	99
69) Atrazine	16.575	200	32470	3.850	ng	99
70) Pentachlorophenol	16.763	266	24351	2.634	ng	97
71) Phenanthrene	17.163	178	156987	3.459	ng	98
72) Anthracene	17.257	178	143752	3.272	ng	98
73) Carbazole	17.534	167	135036	3.182	ng	98
74) Di-n-butylphthalate	18.128	149	148585	2.981	ng	99
75) Fluoranthene	19.251	202	204216	3.224	ng	100
77) Benzidine	19.445	184	65171	4.577	ng	97
78) Pyrene	19.622	202	217092	3.080	ng	99
80) Butylbenzylphthalate	20.580	149	71765	2.855	ng	99
81) Benzo(a)anthracene	21.533	228	252617	3.374	ng	99
82) 3,3'-Dichlorobenzidine	21.451	252	81187	2.989	ng	96
83) Chrysene	21.598	228	241633	3.428	ng	98
84) Bis(2-ethylhexyl)phtha...	21.469	149	109439	2.966	ng	98
85) Di-n-octyl phthalate	22.727	149	169168	2.700	ng	98
87) Indeno(1,2,3-cd)pyrene	28.562	276	300513	3.340	ng	98
88) Benzo(b)fluoranthene	23.798	252	252640m	3.158	ng	
89) Benzo(k)fluoranthene	23.869	252	246777	3.260	ng	98
90) Benzo(a)pyrene	24.680	252	226007	3.279	ng	98
91) Dibenzo(a,h)anthracene	28.633	278	248918	3.352	ng	99
92) Benzo(g,h,i)perylene	29.715	276	233090	3.065	ng	98

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



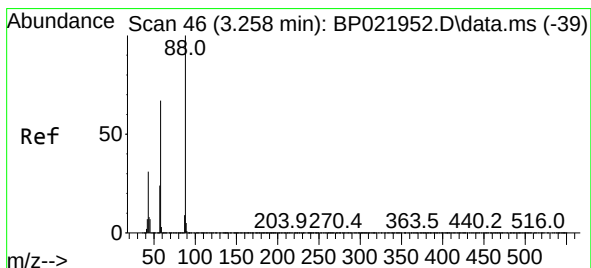
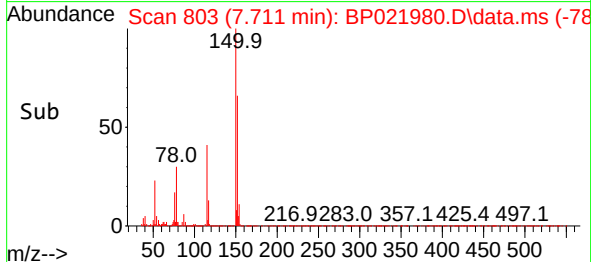
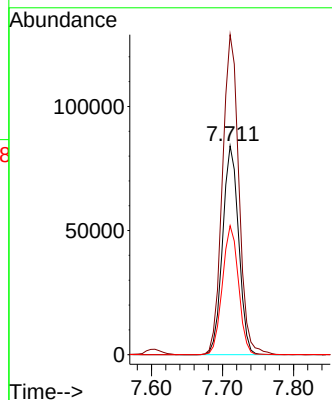
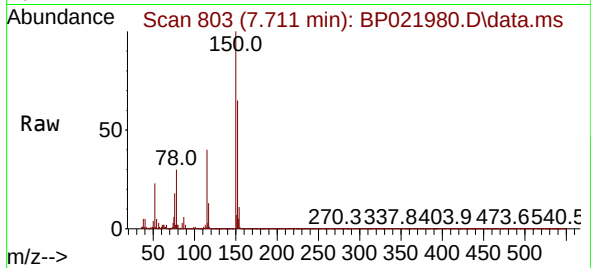
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.711 min Scan# 804
Delta R.T. -0.005 min
Lab File: BP021980.D
Acq: 23 Sep 2024 13:11

Instrument :
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MDL-WATER-03-QT2-2024

Tgt Ion:152 Resp: 13122
Ion Ratio Lower Upper
152 100
150 153.2 124.2 186.2
115 61.7 49.2 73.8

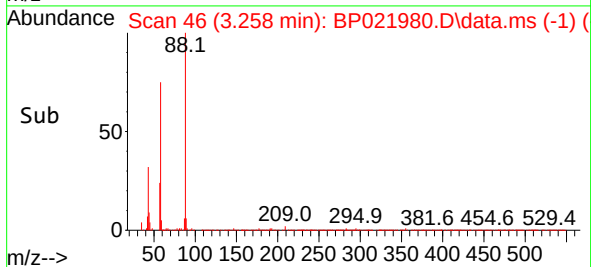
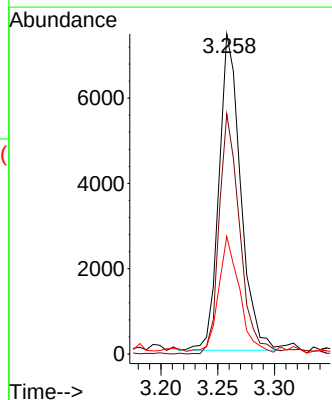
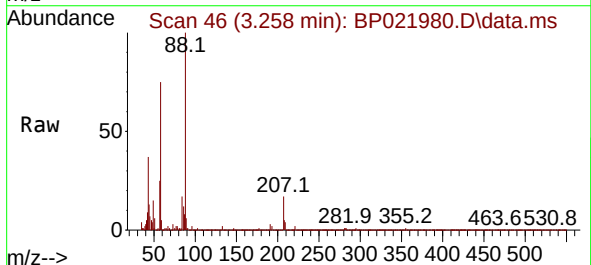
Manual Integrations
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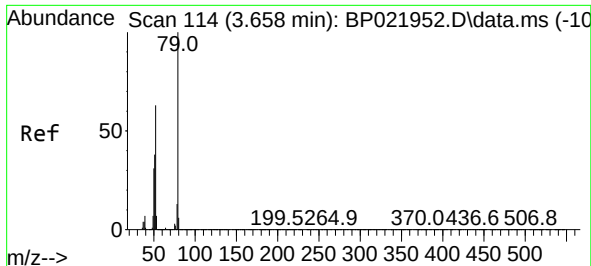
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#2
1,4-Dioxane
Concen: 3.407 ng
RT: 3.258 min Scan# 46
Delta R.T. 0.000 min
Lab File: BP021980.D
Acq: 23 Sep 2024 13:11

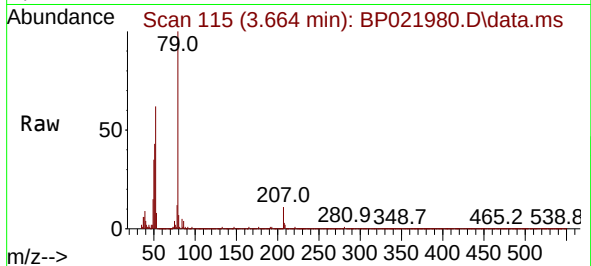
Tgt Ion: 88 Resp: 9878
Ion Ratio Lower Upper
88 100
58 71.8 53.8 80.6
43 35.6 25.2 37.8





#3
Pyridine
Concen: 3.040 ng
RT: 3.664 min Scan# 114
Delta R.T. 0.006 min
Lab File: BP021980.D
Acq: 23 Sep 2024 13:11

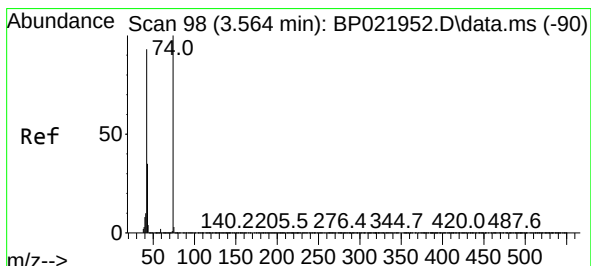
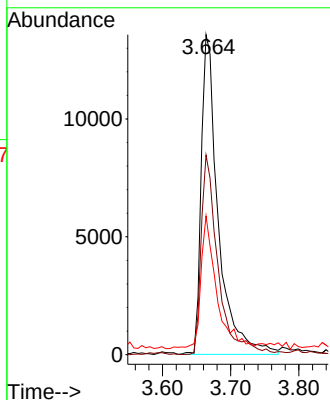
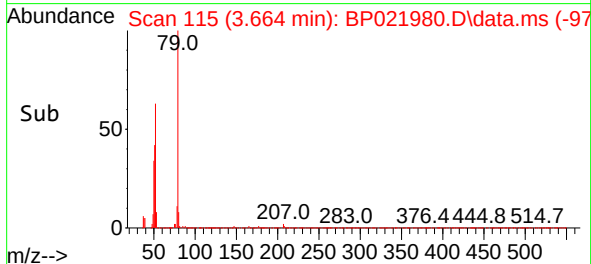
Instrument : BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2024



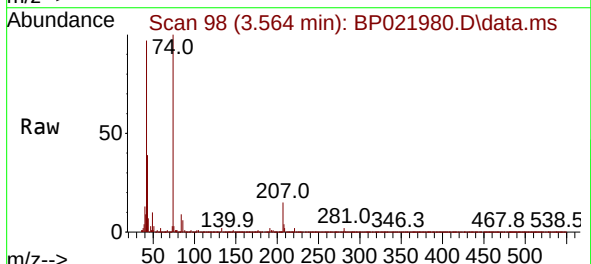
Tgt Ion: 79 Resp: 23510
Ion Ratio Lower Upper
79 100
52 62.4 50.3 75.5
51 43.4 30.9 46.3

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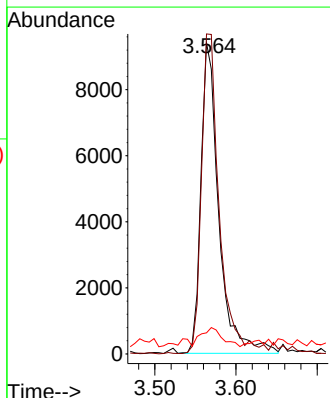
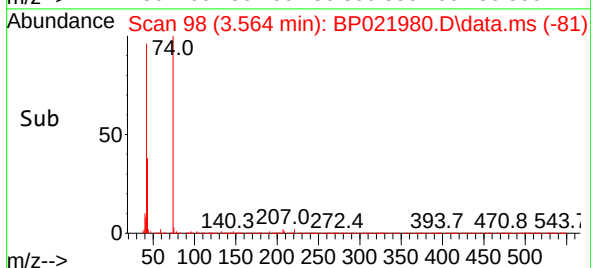
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024

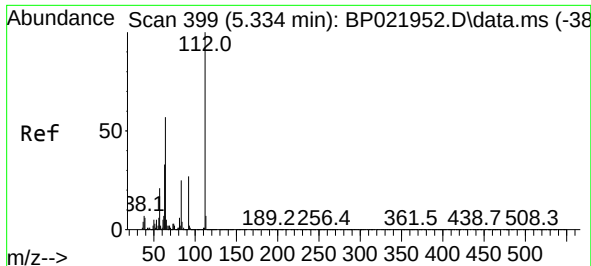


#4
n-Nitrosodimethylamine
Concen: 3.516 ng
RT: 3.564 min Scan# 98
Delta R.T. 0.000 min
Lab File: BP021980.D
Acq: 23 Sep 2024 13:11



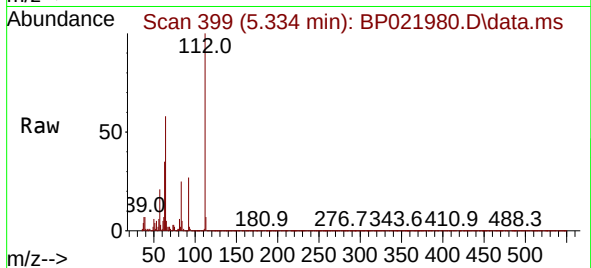
Tgt Ion: 42 Resp: 14344
Ion Ratio Lower Upper
42 100
74 102.9 86.3 129.5
44 6.8 4.0 6.0





#5
2-Fluorophenol
Concen: 104.334 ng
RT: 5.334 min Scan# 399
Delta R.T. 0.000 min
Lab File: BP021980.D
Acq: 23 Sep 2024 13:11

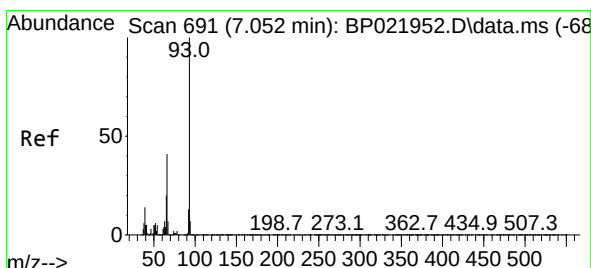
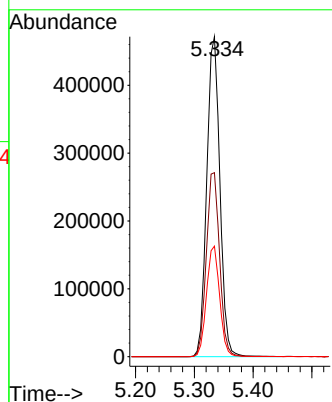
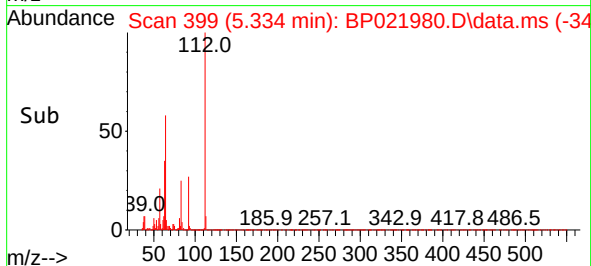
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2024



Tgt Ion:112 Resp: 728528
Ion Ratio Lower Upper
112 100
64 57.5 45.4 68.0
63 34.5 26.6 39.8

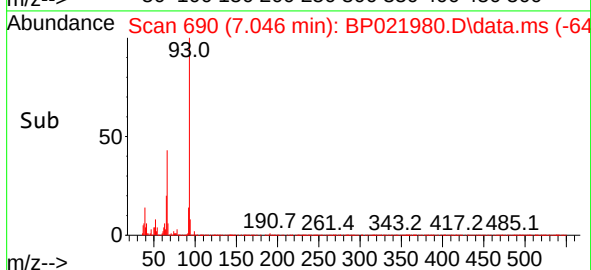
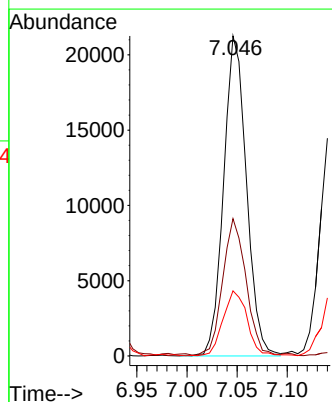
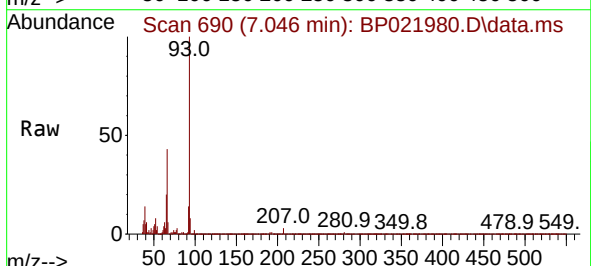
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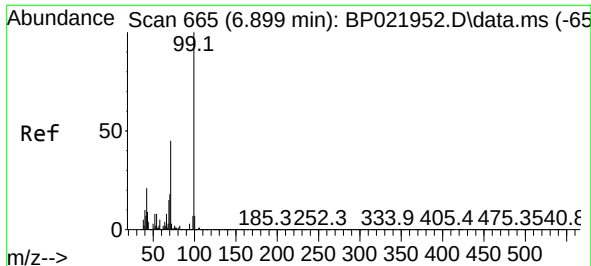
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#6
Aniline
Concen: 4.225 ng
RT: 7.046 min Scan# 690
Delta R.T. -0.006 min
Lab File: BP021980.D
Acq: 23 Sep 2024 13:11

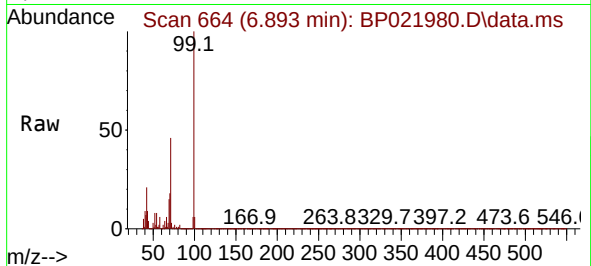
Tgt Ion: 93 Resp: 33651
Ion Ratio Lower Upper
93 100
66 42.9 33.0 49.4
65 20.4 16.1 24.1





#7
Phenol-d6
Concen: 106.007 ng
RT: 6.893 min Scan# 60
Delta R.T. -0.006 min
Lab File: BP021980.D
Acq: 23 Sep 2024 13:11

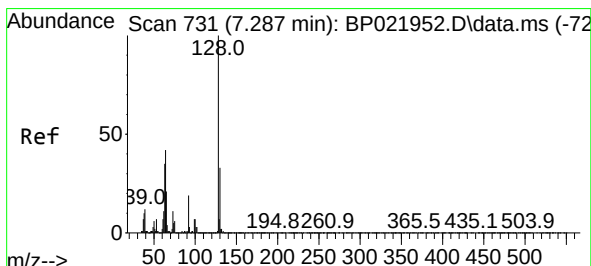
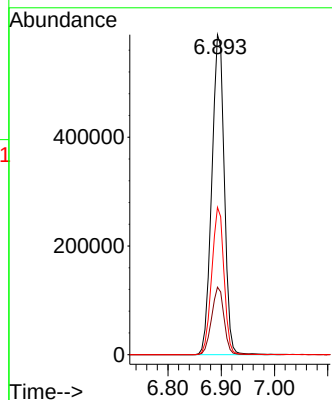
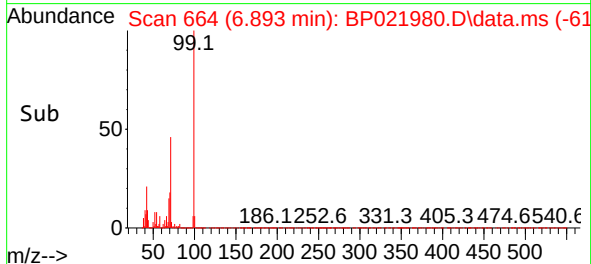
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2024



Tgt Ion: 99 Resp: 960929
Ion Ratio Lower Upper
99 100
42 21.1 16.8 25.2
71 46.0 35.8 53.6

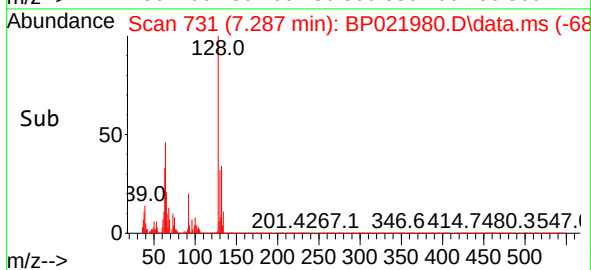
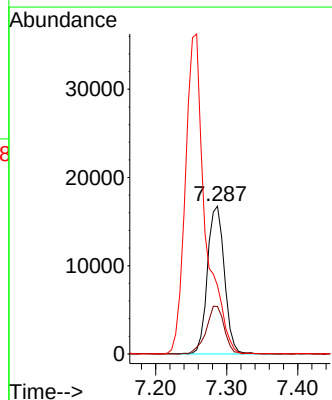
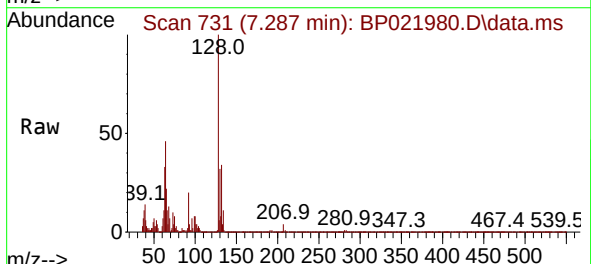
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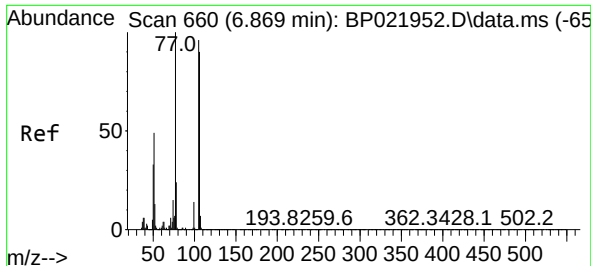
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#8
2-Chlorophenol
Concen: 3.731 ng
RT: 7.287 min Scan# 731
Delta R.T. 0.000 min
Lab File: BP021980.D
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Tgt Ion:128 Resp: 27861
Ion Ratio Lower Upper
128 100
130 32.2 13.1 53.1
64 46.3 22.1 62.1





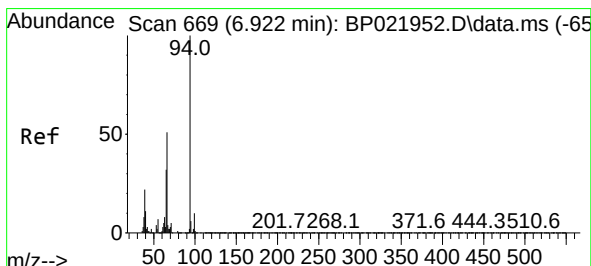
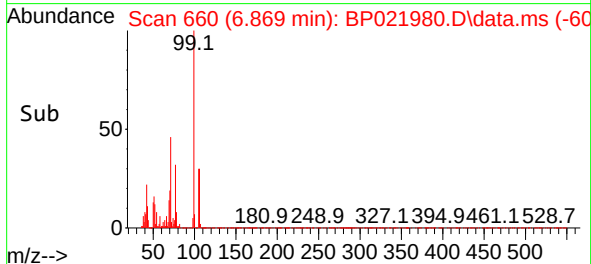
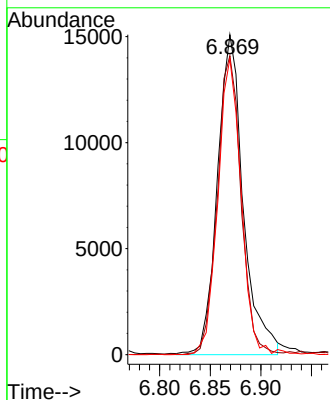
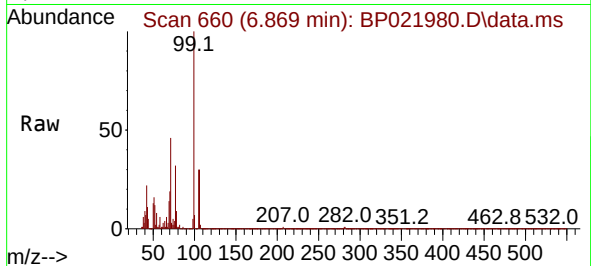
#9
Benzaldehyde
Concen: 5.637 ng m
RT: 6.869 min Scan# 660
Delta R.T. 0.000 min
Lab File: BP021980.D
Acq: 23 Sep 2024 13:11

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

Tgt Ion: 77 Resp: 26719
Ion Ratio Lower Upper
77 100
105 93.4 76.1 116.1
106 92.5 69.9 109.9

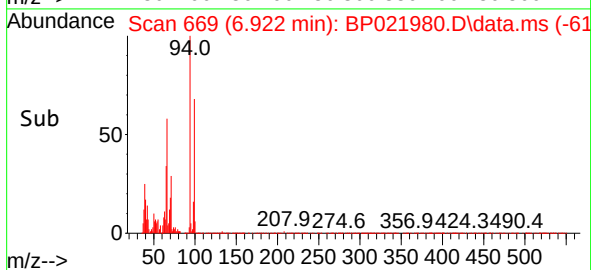
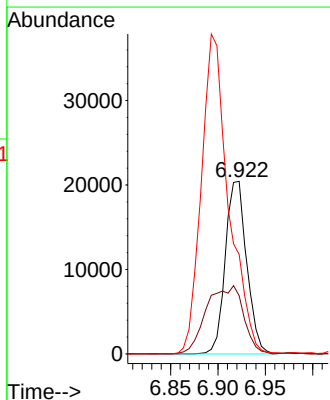
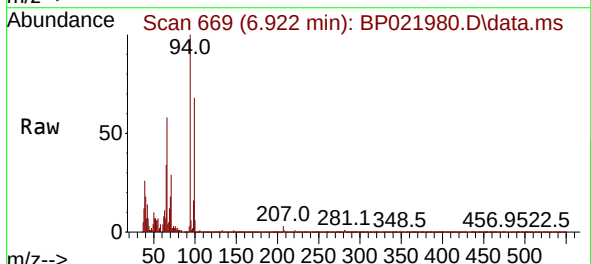
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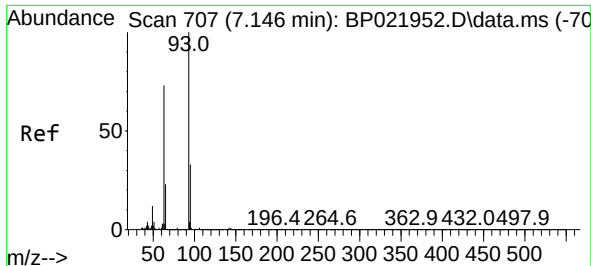
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#10
Phenol
Concen: 3.577 ng
RT: 6.922 min Scan# 669
Delta R.T. 0.000 min
Lab File: BP021980.D
Acq: 23 Sep 2024 13:11

Tgt Ion: 94 Resp: 32204
Ion Ratio Lower Upper
94 100
65 33.7 12.5 52.5
66 57.7 31.2 71.2





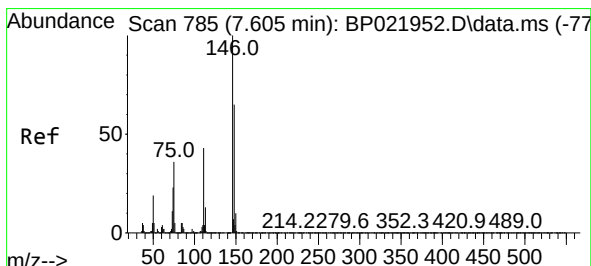
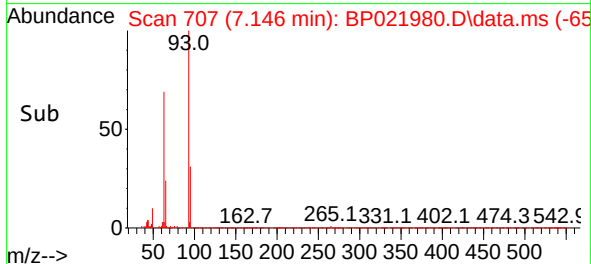
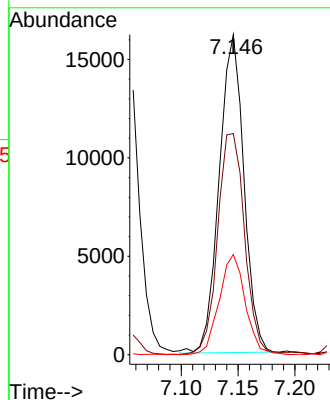
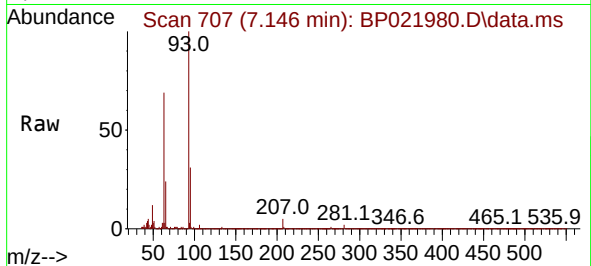
#11
bis(2-Chloroethyl)ether
Concen: 3.598 ng
RT: 7.146 min Scan# 707
Delta R.T. 0.000 min
Lab File: BP021980.D
Acq: 23 Sep 2024 13:11

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

Tgt Ion: 93 Resp: 24398
Ion Ratio Lower Upper
93 100
63 69.1 53.0 93.0
95 31.3 12.4 52.4

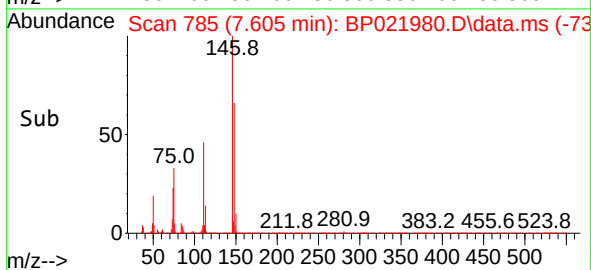
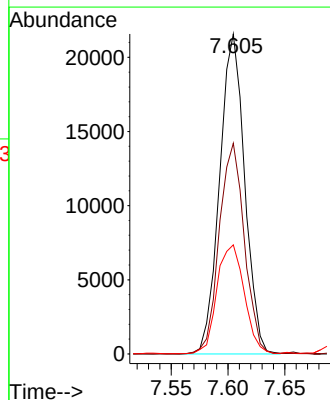
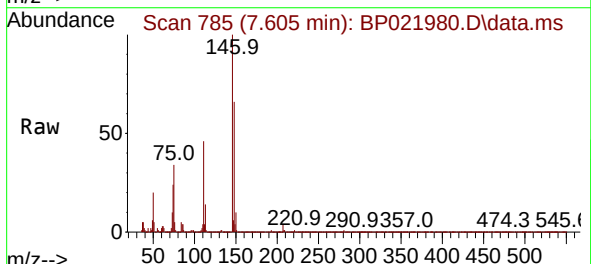
Manual Integrations
APPROVED

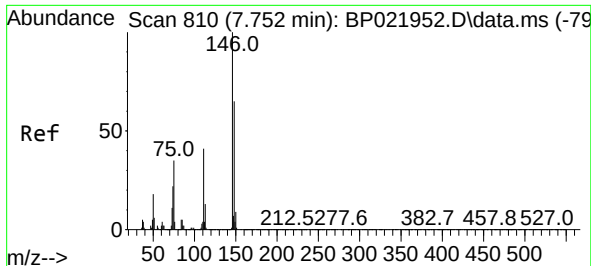
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#12
1,3-Dichlorobenzene
Concen: 3.513 ng
RT: 7.605 min Scan# 785
Delta R.T. 0.000 min
Lab File: BP021980.D
Acq: 23 Sep 2024 13:11

Tgt Ion:146 Resp: 33111
Ion Ratio Lower Upper
146 100
148 65.9 52.3 78.5
75 34.1 29.0 43.6





#13

1,4-Dichlorobenzene

Concen: 3.515 ng

RT: 7.746 min Scan# 80

Delta R.T. -0.006 min

Lab File: BP021980.D

Acq: 23 Sep 2024 13:11

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT2-2024

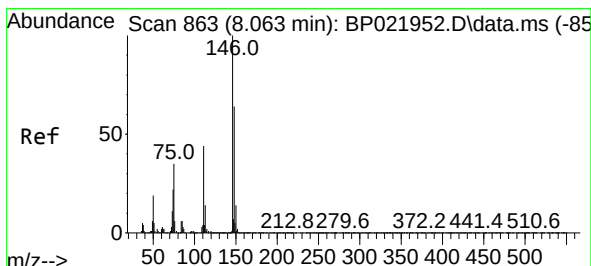
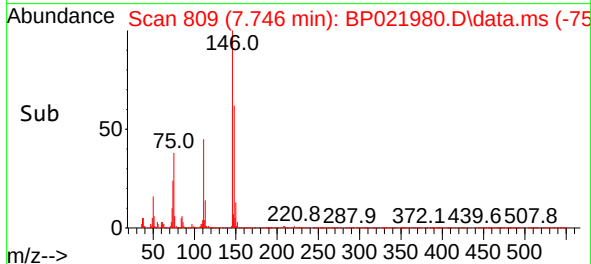
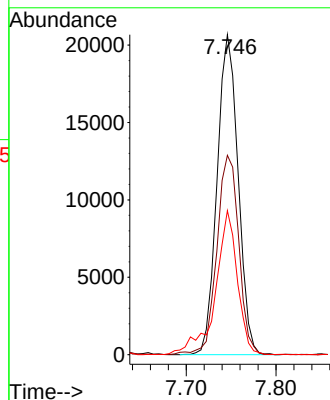
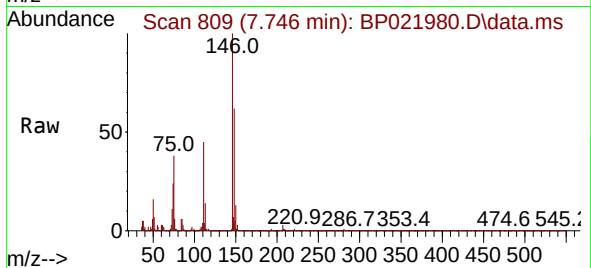
Tgt Ion:146 Resp: 3360
 Ion Ratio Lower Upper
 146 100
 148 62.3 52.2 78.4
 111 45.0 32.6 48.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024



#14

1,2-Dichlorobenzene

Concen: 3.481 ng

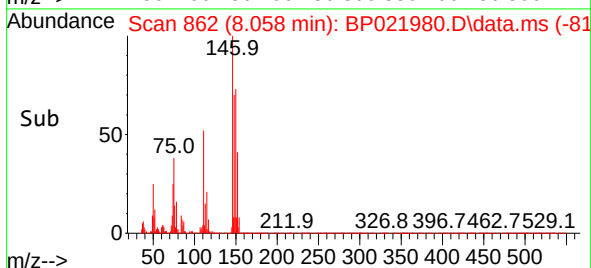
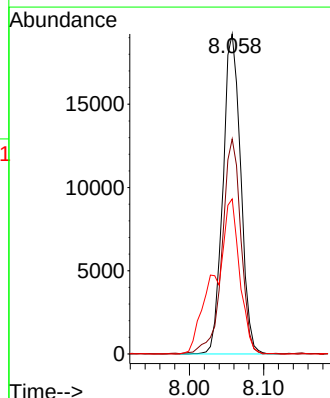
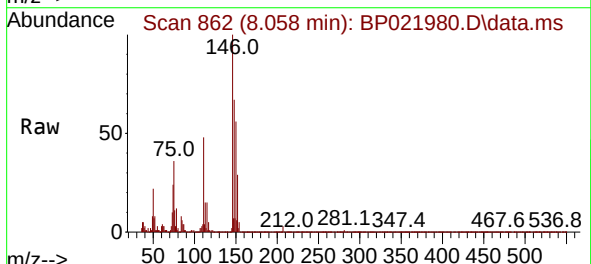
RT: 8.058 min Scan# 862

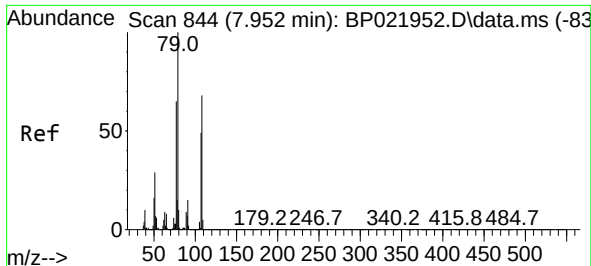
Delta R.T. -0.006 min

Lab File: BP021980.D

Acq: 23 Sep 2024 13:11

Tgt Ion:146 Resp: 31940
 Ion Ratio Lower Upper
 146 100
 148 67.2 51.3 76.9
 111 48.4 35.6 53.4





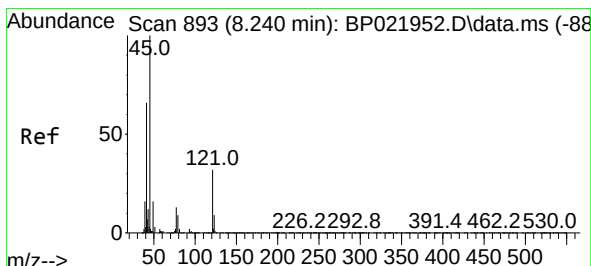
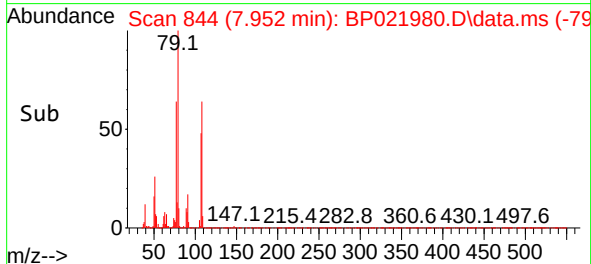
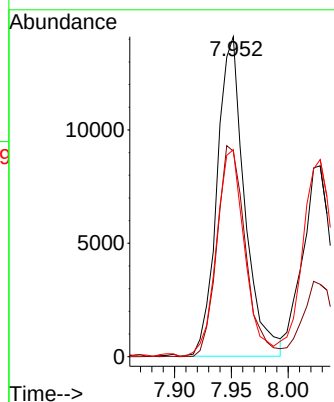
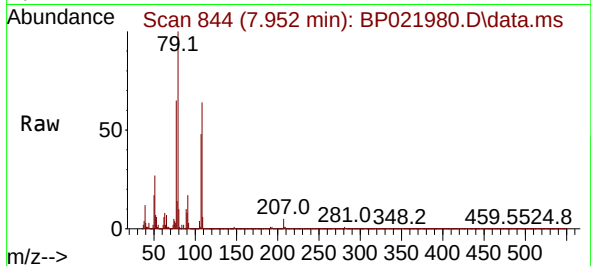
#15
Benzyl Alcohol
Concen: 3.440 ng
RT: 7.952 min Scan# 844
Delta R.T. 0.000 min
Lab File: BP021980.D
Acq: 23 Sep 2024 13:11

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

Tgt Ion: 79 Resp: 2391
Ion Ratio Lower Upper
79 100
108 64.2 54.7 82.1
77 64.7 51.8 77.8

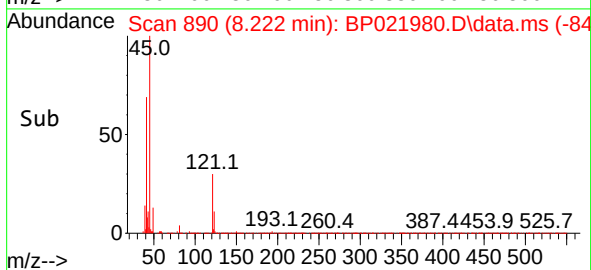
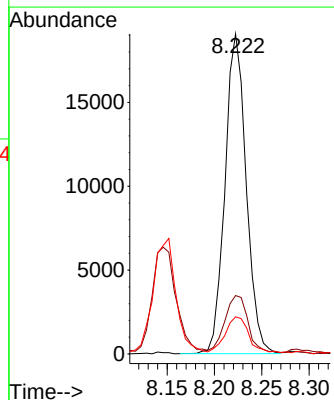
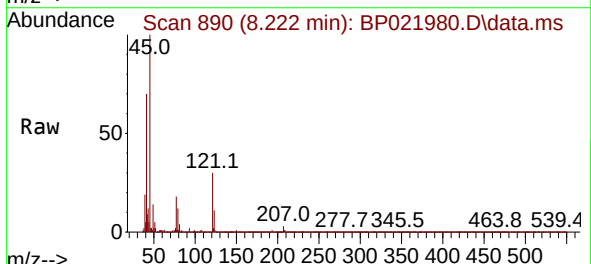
Manual Integrations
APPROVED

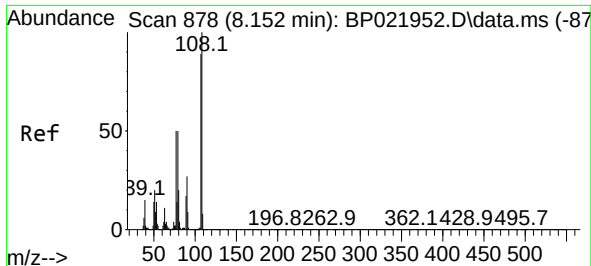
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.106 ng
RT: 8.222 min Scan# 890
Delta R.T. -0.018 min
Lab File: BP021980.D
Acq: 23 Sep 2024 13:11

Tgt Ion: 45 Resp: 29702
Ion Ratio Lower Upper
45 100
77 18.2 0.0 39.5
79 11.6 0.0 34.9





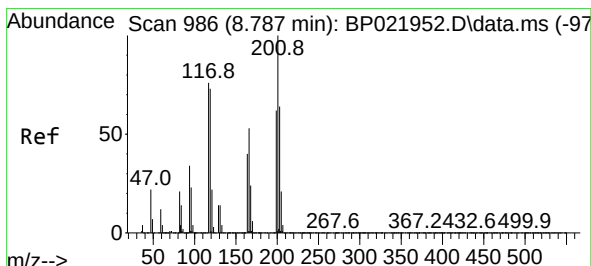
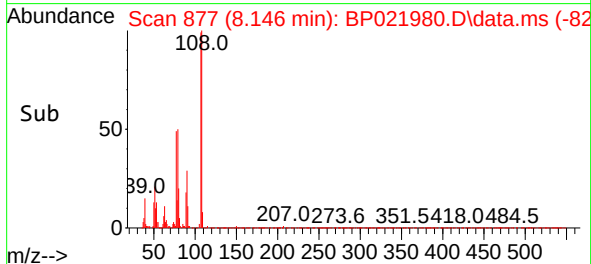
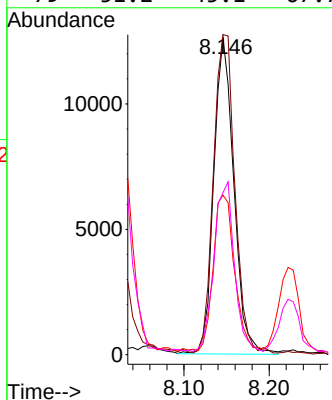
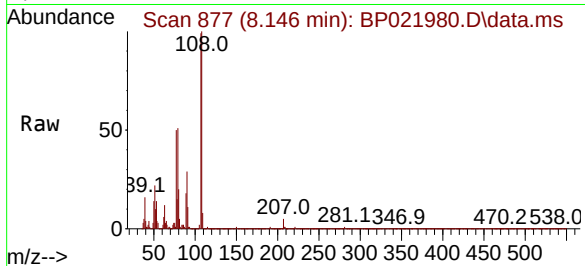
#17
2-Methylphenol
Concen: 3.399 ng
RT: 8.146 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP021980.D
Acq: 23 Sep 2024 13:11

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

Tgt Ion	Ratio	Lower	Upper
107	100		
108	101.0	90.3	135.5
77	50.4	45.1	67.7
79	51.2	45.1	67.7

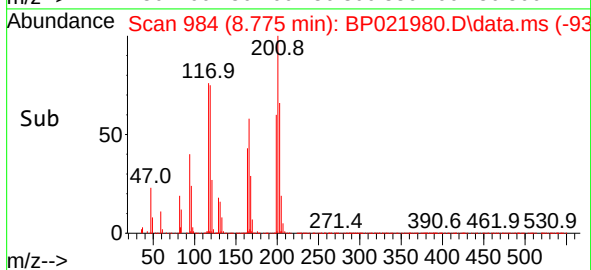
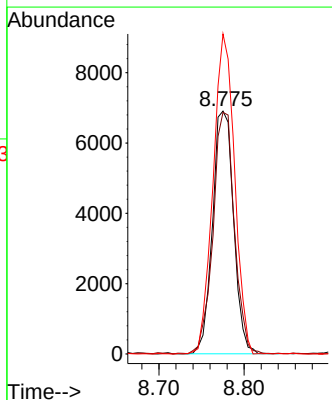
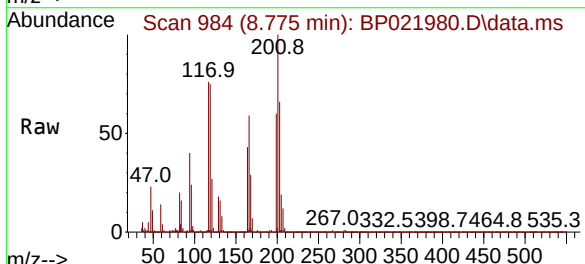
Manual Integrations
APPROVED

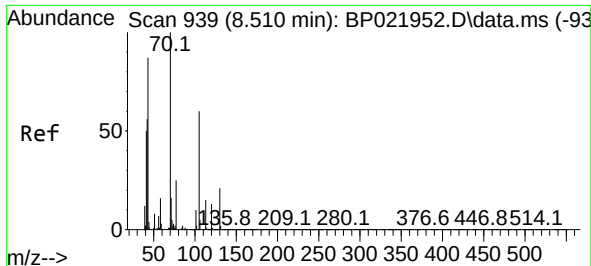
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#18
Hexachloroethane
Concen: 3.380 ng
RT: 8.775 min Scan# 984
Delta R.T. -0.012 min
Lab File: BP021980.D
Acq: 23 Sep 2024 13:11

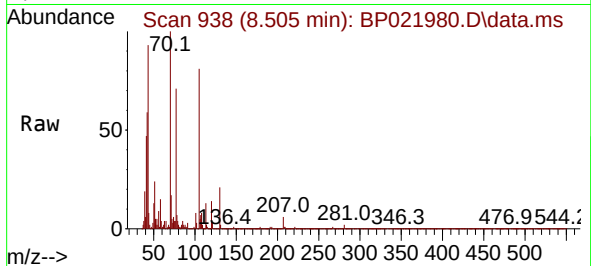
Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.4	77.0	115.4
201	131.7	105.6	158.4





#19
n-Nitroso-di-n-propylamine
Concen: 3.661 ng
RT: 8.505 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP021980.D
Acq: 23 Sep 2024 13:11

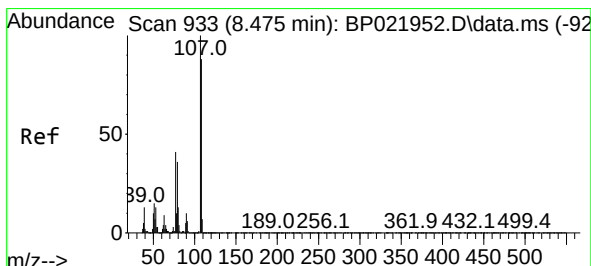
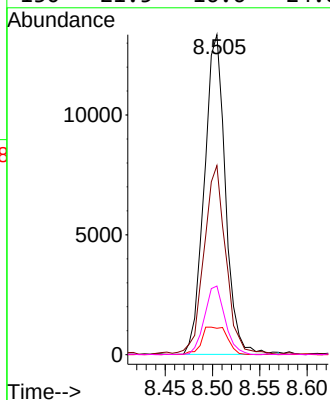
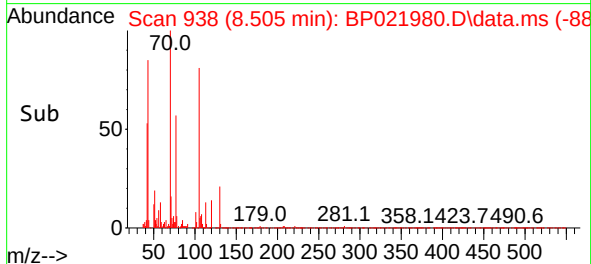
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2024



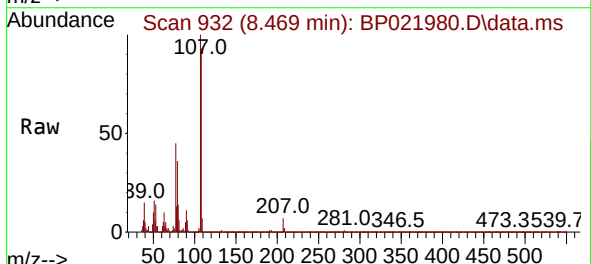
Tgt Ion: 70 Resp: 2062
Ion Ratio Lower Upper
70 100
42 59.1 45.2 67.8
101 8.3 7.8 11.6
130 21.5 16.6 24.8

Manual Integrations
APPROVED

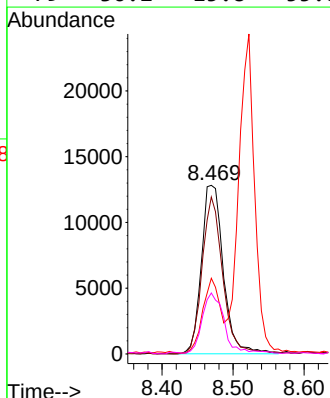
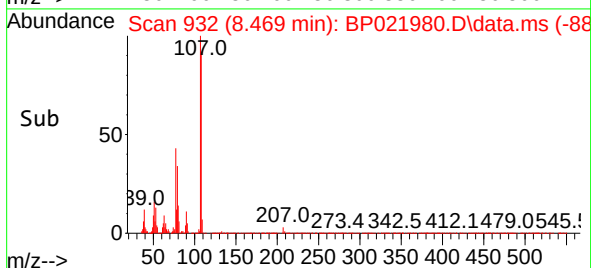
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024

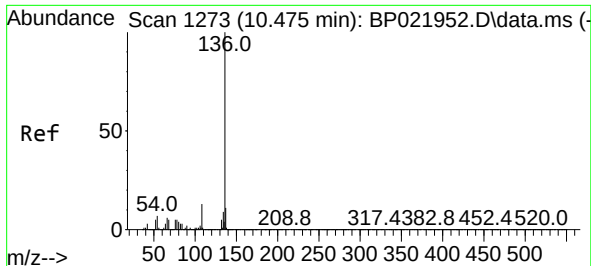


#20
3+4-Methylphenols
Concen: 3.218 ng
RT: 8.469 min Scan# 932
Delta R.T. -0.006 min
Lab File: BP021980.D
Acq: 23 Sep 2024 13:11



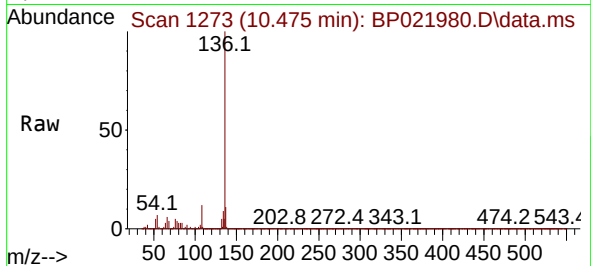
Tgt Ion:107 Resp: 27629
Ion Ratio Lower Upper
107 100
108 93.1 68.3 108.3
77 44.9 20.6 60.6
79 36.2 15.8 55.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.475 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BP021980.D
Acq: 23 Sep 2024 13:11

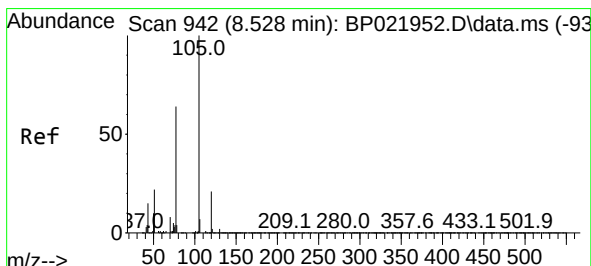
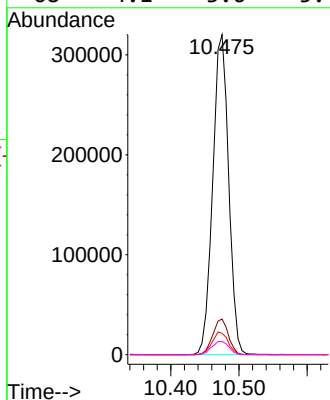
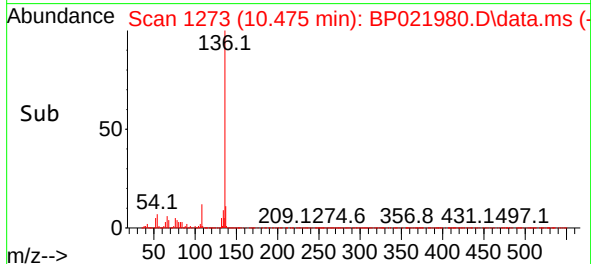
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2024



Tgt Ion:	136	Resp:	520424
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.8	13.2
54	6.7	5.5	8.3
68	4.1	3.6	5.4

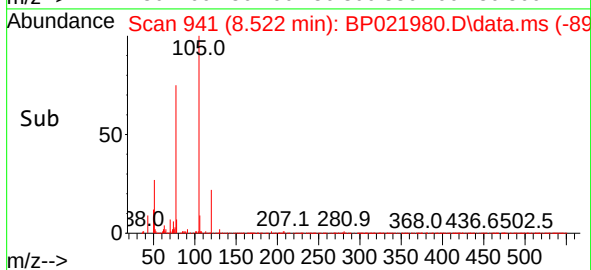
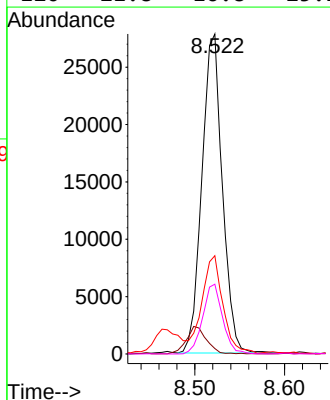
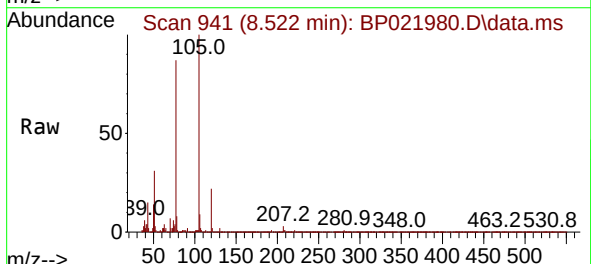
Manual Integrations
APPROVED

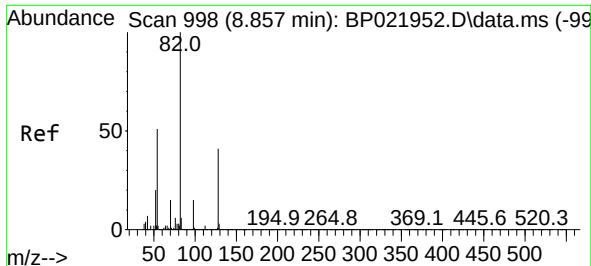
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#22
Acetophenone
Concen: 3.464 ng
RT: 8.522 min Scan# 941
Delta R.T. -0.006 min
Lab File: BP021980.D
Acq: 23 Sep 2024 13:11

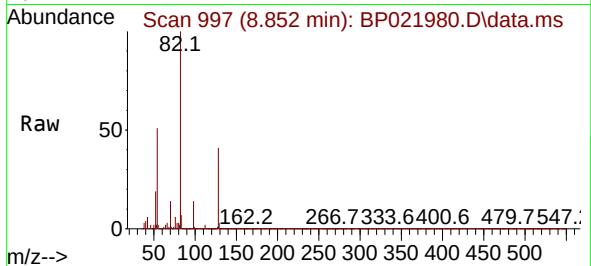
Tgt Ion:	105	Resp:	43977
Ion Ratio	Lower	Upper	
105	100		
71	1.7	1.4	2.0
51	30.7	22.1	33.1
120	21.8	16.8	25.2





#23
Nitrobenzene-d5
Concen: 74.648 ng
RT: 8.852 min Scan# 94
Delta R.T. -0.006 min
Lab File: BP021980.D
Acq: 23 Sep 2024 13:11

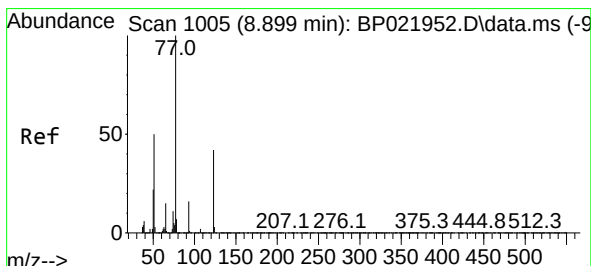
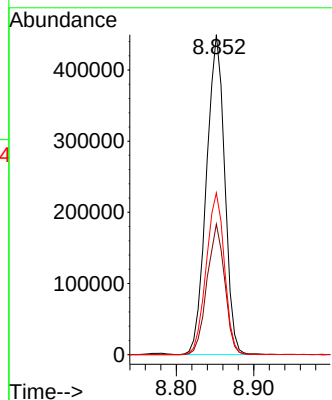
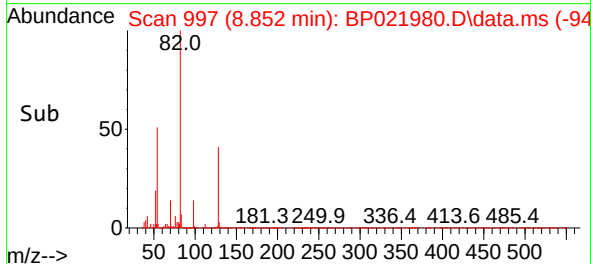
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2024



Tgt Ion: 82 Resp: 734190
Ion Ratio Lower Upper
82 100
128 40.8 33.1 49.7
54 50.5 40.3 60.5

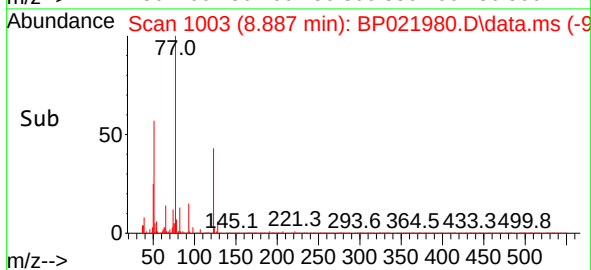
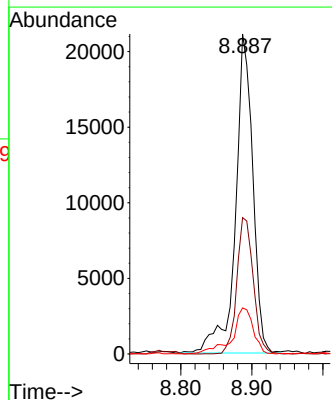
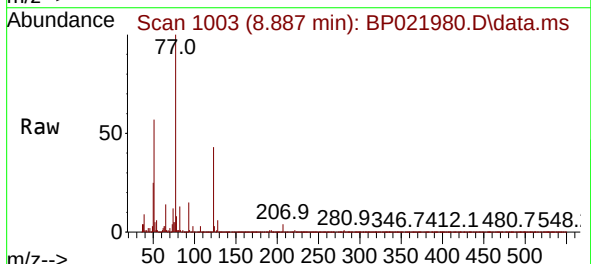
Manual Integrations
APPROVED

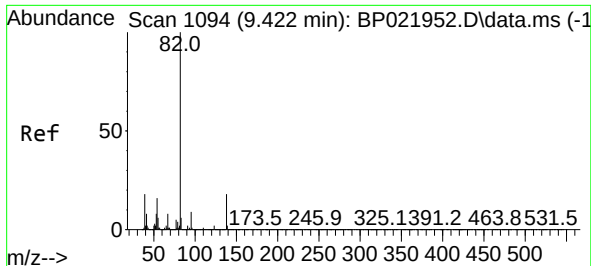
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#24
Nitrobenzene
Concen: 3.589 ng
RT: 8.887 min Scan# 1003
Delta R.T. -0.012 min
Lab File: BP021980.D
Acq: 23 Sep 2024 13:11

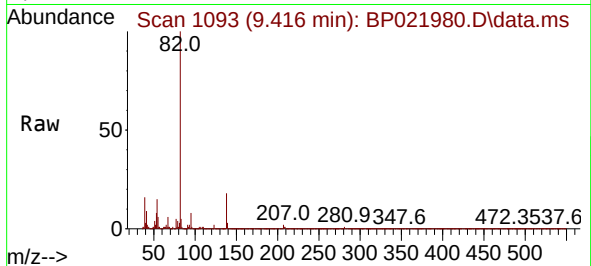
Tgt Ion: 77 Resp: 35844
Ion Ratio Lower Upper
77 100
123 42.6 33.9 50.9
65 14.4 12.0 18.0





#25
Isophorone
Concen: 3.347 ng
RT: 9.416 min Scan# 1093
Delta R.T. -0.006 min
Lab File: BP021980.D
Acq: 23 Sep 2024 13:11

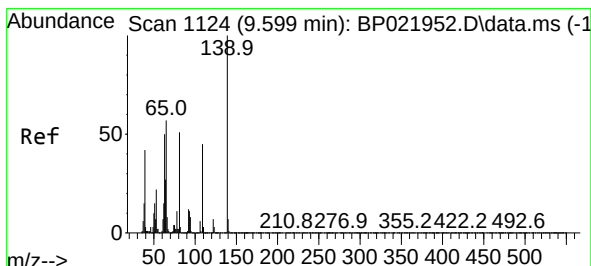
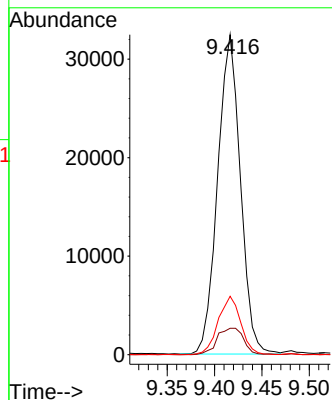
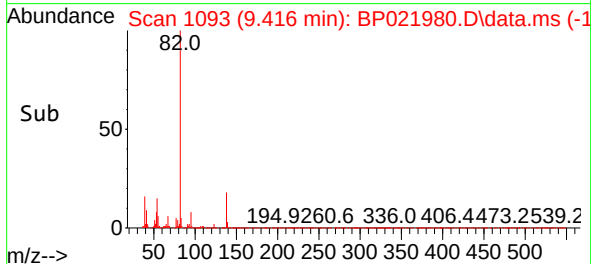
Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT2-2024



Tgt Ion: 82 Resp: 5427
Ion Ratio Lower Upper
82 100
95 8.3 7.0 10.6
138 18.2 14.6 21.8

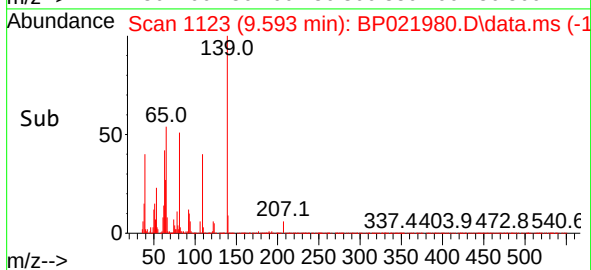
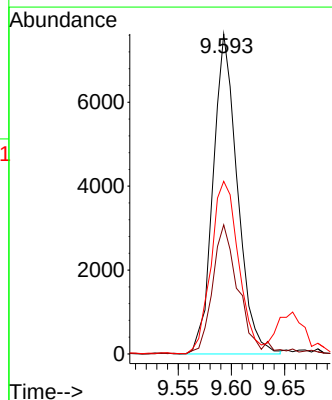
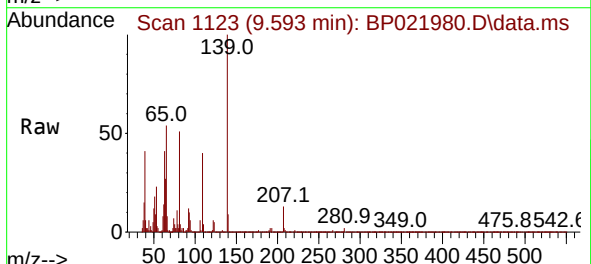
Manual Integrations
APPROVED

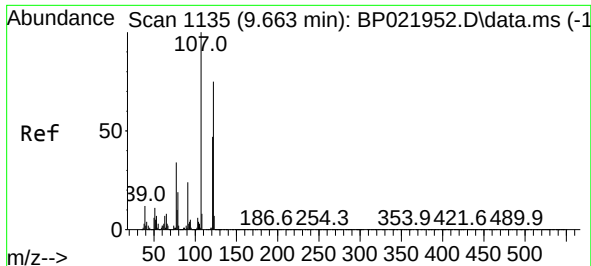
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#26
2-Nitrophenol
Concen: 2.775 ng
RT: 9.593 min Scan# 1123
Delta R.T. -0.006 min
Lab File: BP021980.D
Acq: 23 Sep 2024 13:11

Tgt Ion:139 Resp: 12119
Ion Ratio Lower Upper
139 100
109 40.3 36.0 54.0
65 53.9 45.7 68.5





#27

2,4-Dimethylphenol

Concen: 2.490 ng

RT: 9.658 min Scan# 1135

Delta R.T. -0.006 min

Lab File: BP021980.D

Acq: 23 Sep 2024 13:11

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT2-2024

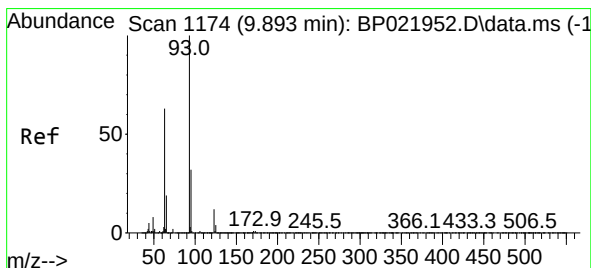
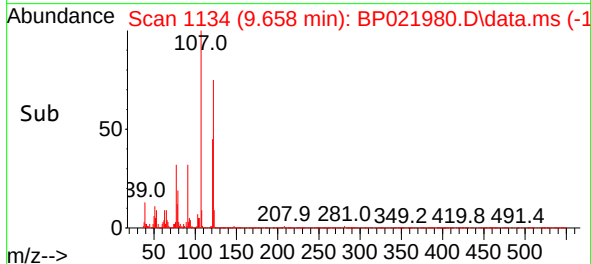
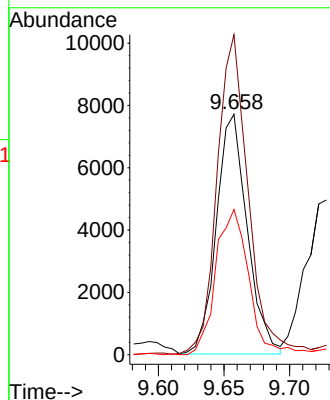
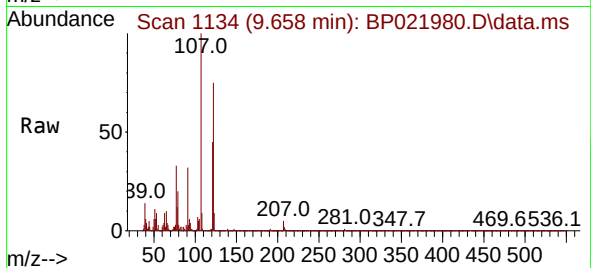
Tgt Ion:	122	Resp:	1259
Ion	Ratio	Lower	Upper
122	100		
107	133.2	106.1	159.1
121	60.4	49.6	74.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024



#28

bis(2-Chloroethoxy)methane

Concen: 3.485 ng

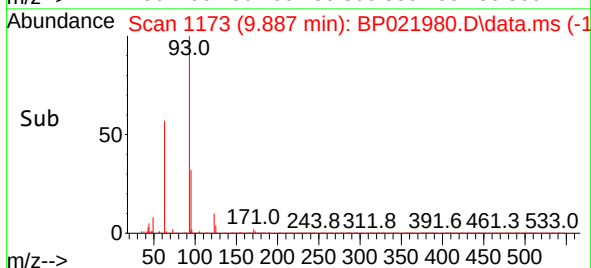
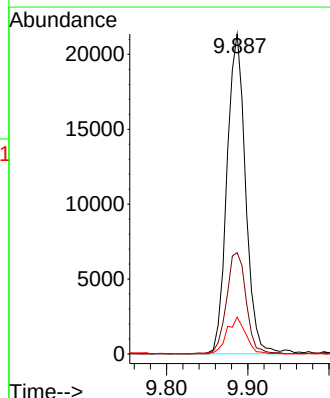
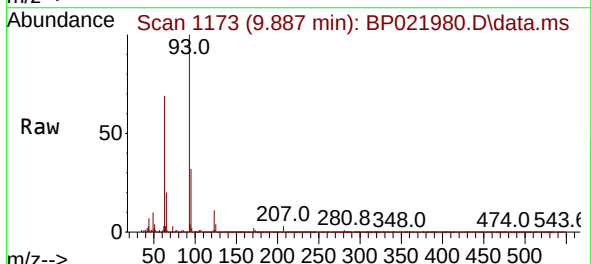
RT: 9.887 min Scan# 1173

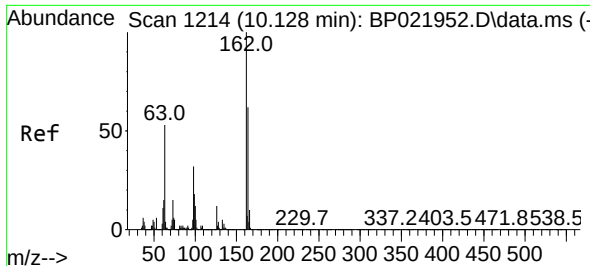
Delta R.T. -0.006 min

Lab File: BP021980.D

Acq: 23 Sep 2024 13:11

Tgt Ion:	93	Resp:	33885
Ion	Ratio	Lower	Upper
93	100		
95	31.6	25.7	38.5
123	11.5	9.4	14.0





#29

2,4-Dichlorophenol

Concen: 2.937 ng

RT: 10.128 min Scan# 1214

Delta R.T. 0.000 min

Lab File: BP021980.D

Acq: 23 Sep 2024 13:11

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT2-2024

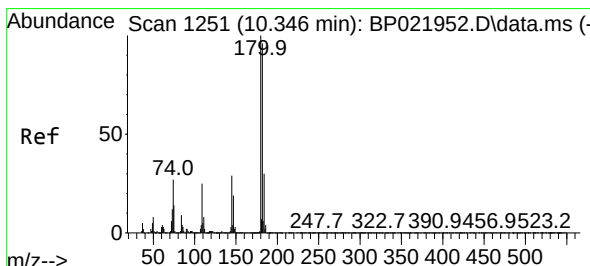
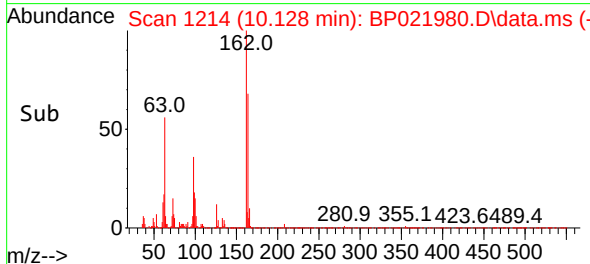
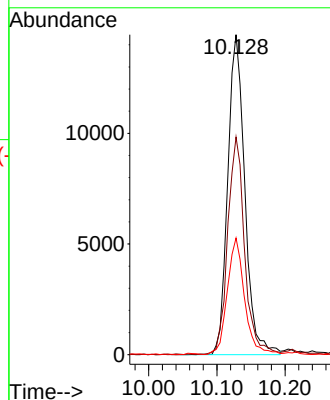
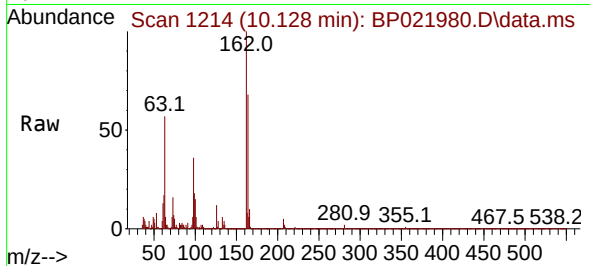
Tgt Ion:	162	Resp:	2521
Ion Ratio	Lower	Upper	
162	100		
164	68.0	41.7	81.7
98	36.5	12.4	52.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024



#30

1,2,4-Trichlorobenzene

Concen: 3.324 ng

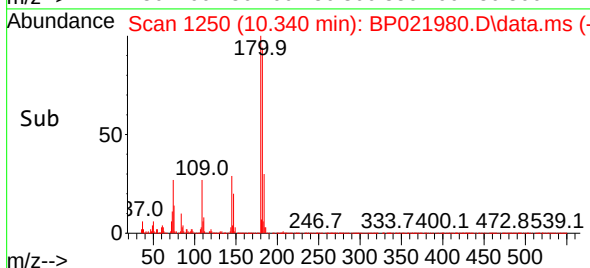
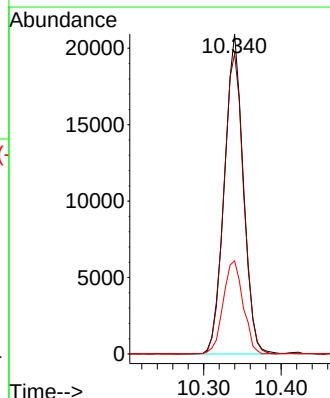
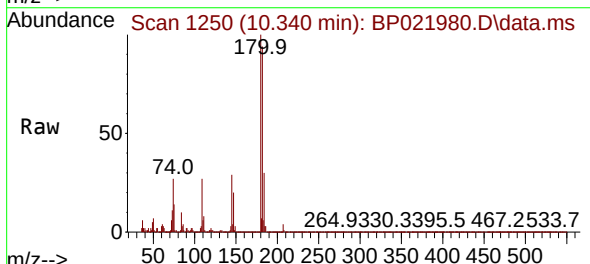
RT: 10.340 min Scan# 1250

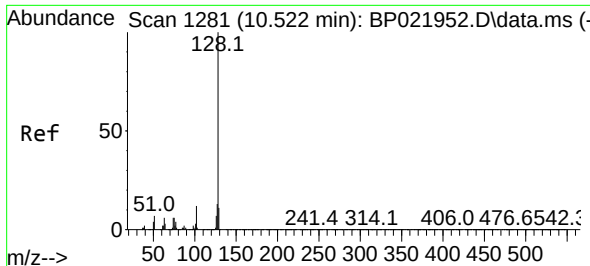
Delta R.T. -0.006 min

Lab File: BP021980.D

Acq: 23 Sep 2024 13:11

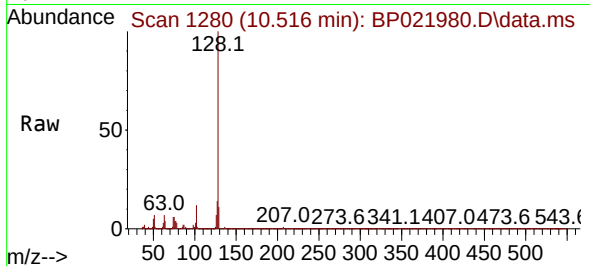
Tgt Ion:	180	Resp:	35541
Ion Ratio	Lower	Upper	
180	100		
182	93.8	77.0	115.4
145	29.1	23.0	34.6





#31
Naphthalene
Concen: 3.461 ng
RT: 10.516 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BP021980.D
Acq: 23 Sep 2024 13:11

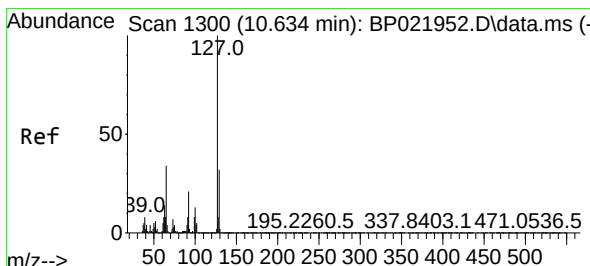
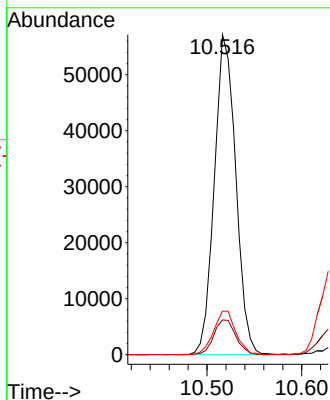
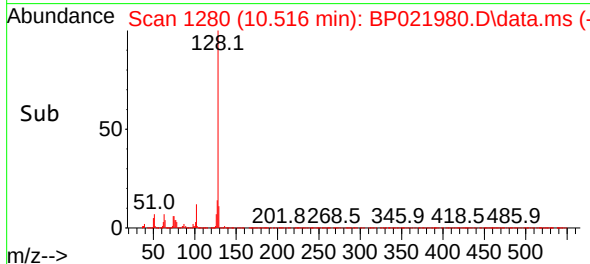
Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT2-2024



Tgt Ion:128 Resp: 89860
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 13.6 10.6 15.8

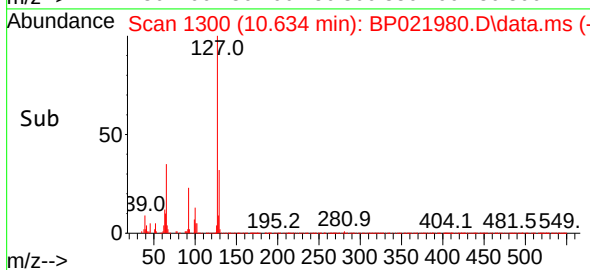
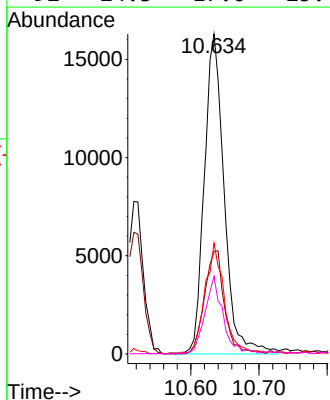
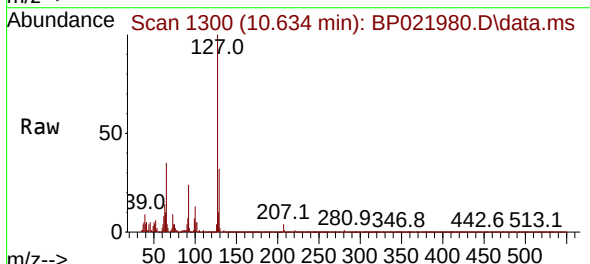
Manual Integrations
APPROVED

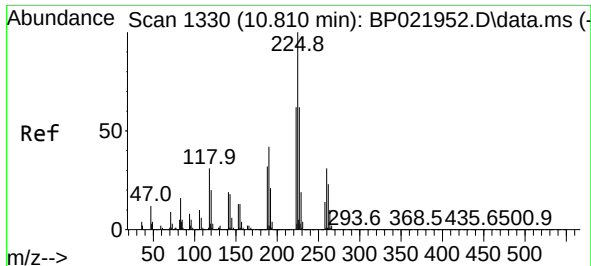
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#33
4-Chloroaniline
Concen: 3.536 ng
RT: 10.634 min Scan# 1300
Delta R.T. 0.000 min
Lab File: BP021980.D
Acq: 23 Sep 2024 13:11

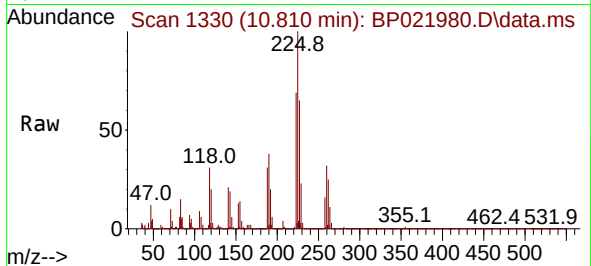
Tgt Ion:127 Resp: 33125
Ion Ratio Lower Upper
127 100
129 32.0 25.4 38.0
65 34.6 27.4 41.2
92 24.3 17.0 25.4





#34
Hexachlorobutadiene
Concen: 3.215 ng
RT: 10.810 min Scan# 1330
Delta R.T. 0.000 min
Lab File: BP021980.D
Acq: 23 Sep 2024 13:11

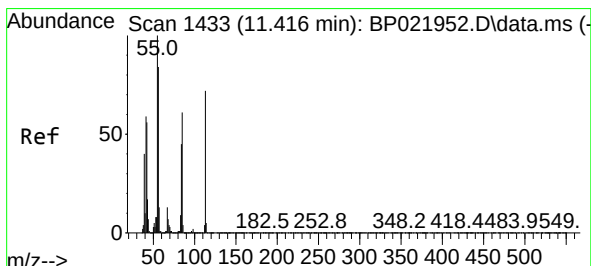
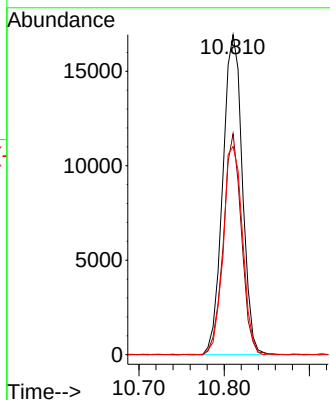
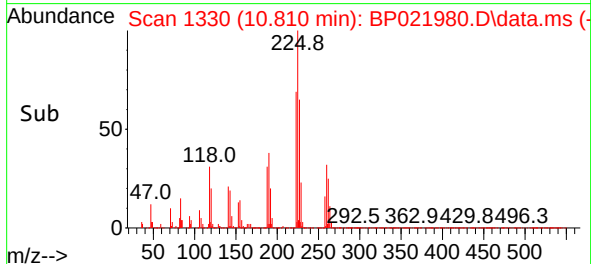
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2024



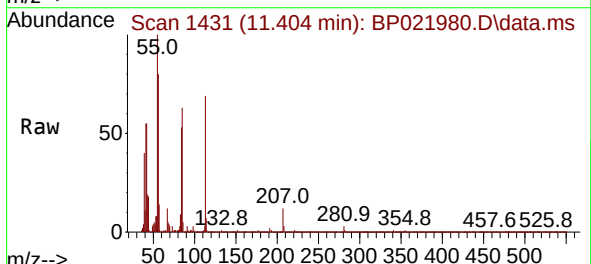
Tgt Ion: 225 Resp: 2688
Ion Ratio Lower Upper
225 100
223 69.1 50.0 75.0
227 65.1 49.7 74.5

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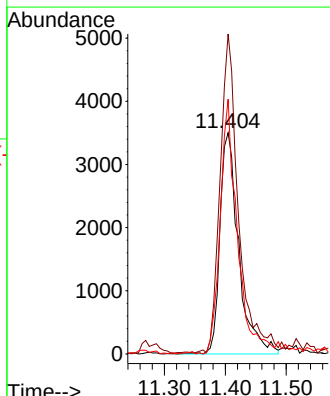
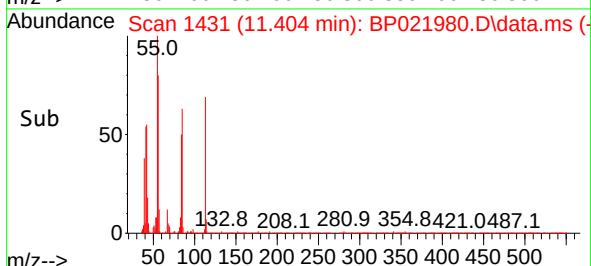
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024

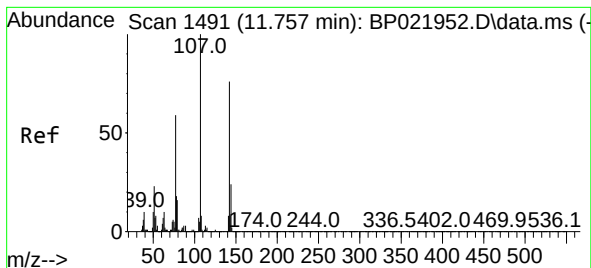


#35
Caprolactam
Concen: 2.933 ng
RT: 11.404 min Scan# 1431
Delta R.T. -0.012 min
Lab File: BP021980.D
Acq: 23 Sep 2024 13:11



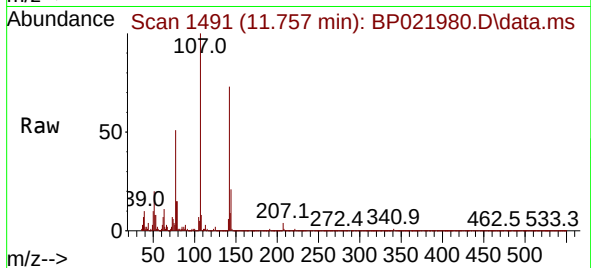
Tgt Ion: 113 Resp: 7492
Ion Ratio Lower Upper
113 100
55 144.6 119.4 159.4
56 115.1 97.1 137.1





#36
4-Chloro-3-methylphenol
Concen: 3.039 ng
RT: 11.757 min Scan# 1491
Delta R.T. 0.000 min
Lab File: BP021980.D
Acq: 23 Sep 2024 13:11

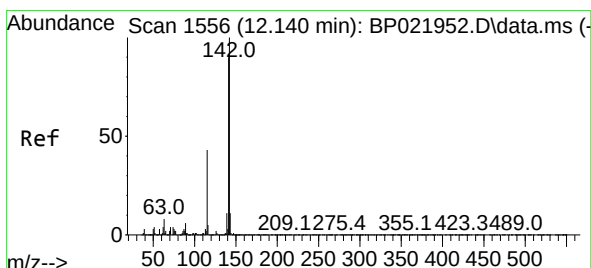
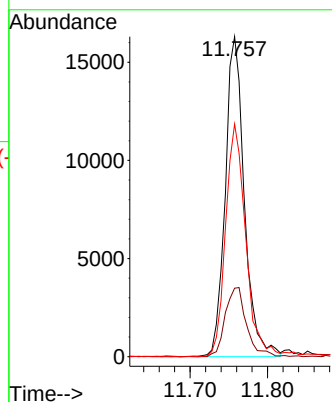
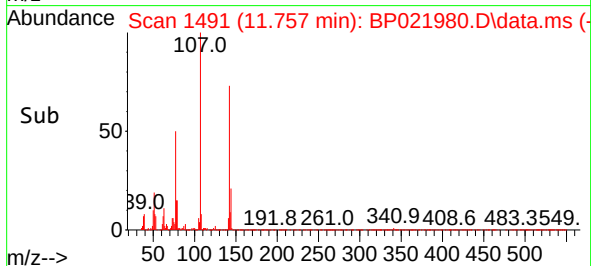
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2024



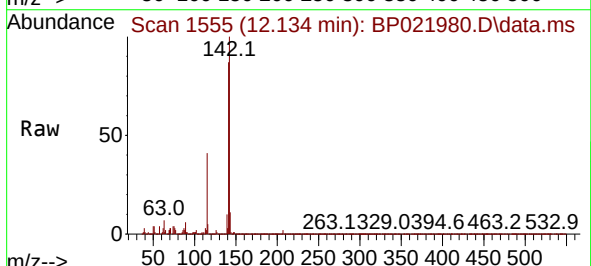
Tgt Ion:107 Resp: 27989
Ion Ratio Lower Upper
107 100
144 21.4 19.0 28.4
142 72.7 60.4 90.6

Manual Integrations
APPROVED

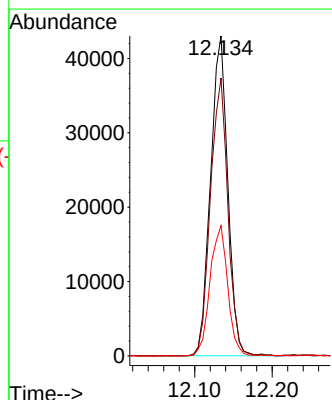
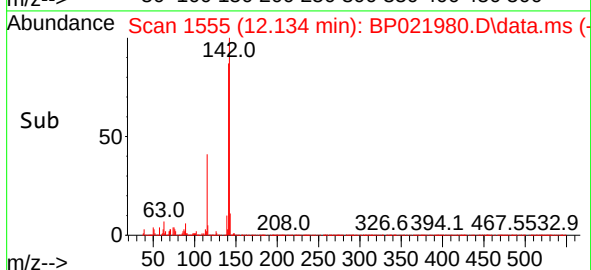
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024

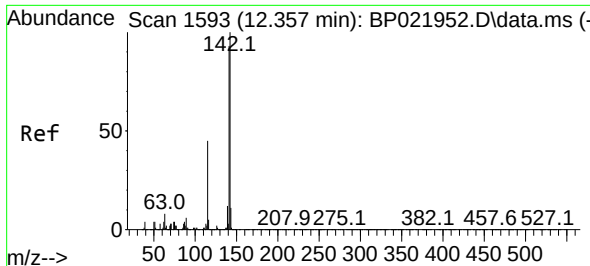


#37
2-Methylnaphthalene
Concen: 3.508 ng
RT: 12.134 min Scan# 1555
Delta R.T. -0.006 min
Lab File: BP021980.D
Acq: 23 Sep 2024 13:11



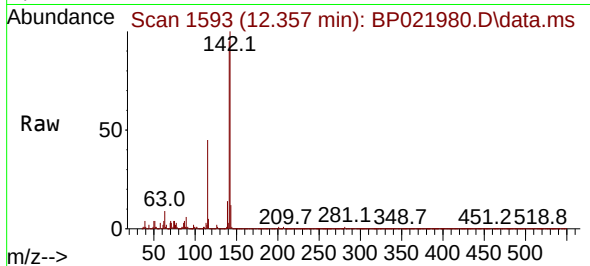
Tgt Ion:142 Resp: 66649
Ion Ratio Lower Upper
142 100
141 86.9 71.7 107.5
115 40.8 34.6 51.8





#38
1-Methylnaphthalene
Concen: 3.162 ng
RT: 12.357 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP021980.D
Acq: 23 Sep 2024 13:11

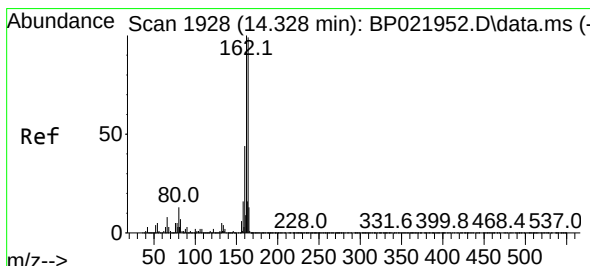
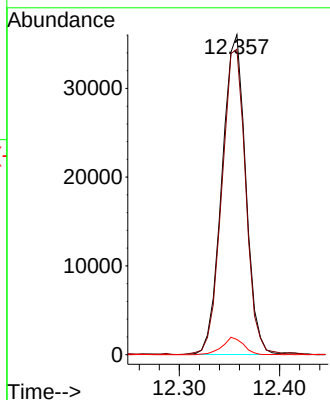
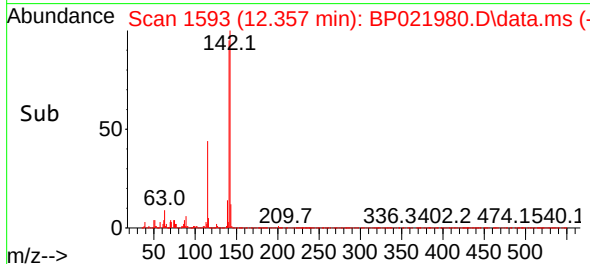
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2024



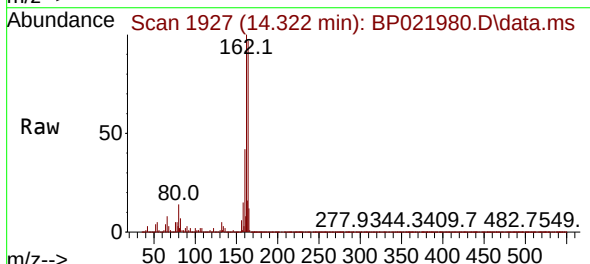
Tgt Ion:142 Resp: 5930
Ion Ratio Lower Upper
142 100
141 95.5 74.1 111.1
116 4.7 3.8 5.8

Manual Integrations
APPROVED

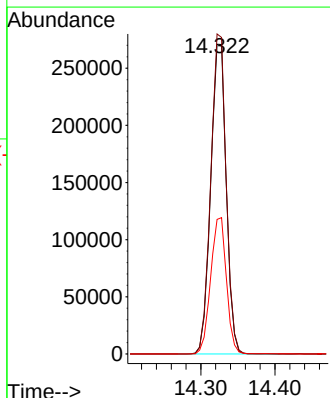
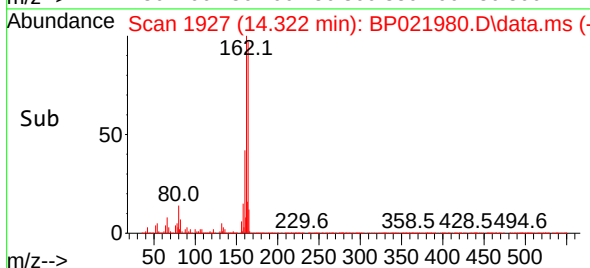
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024

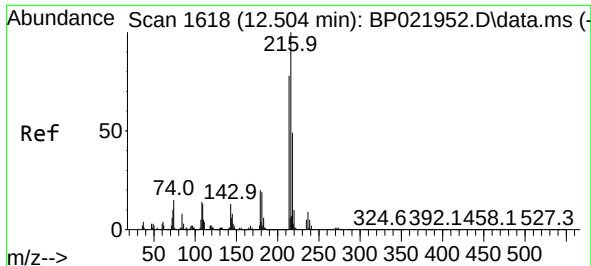


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.322 min Scan# 1927
Delta R.T. -0.006 min
Lab File: BP021980.D
Acq: 23 Sep 2024 13:11



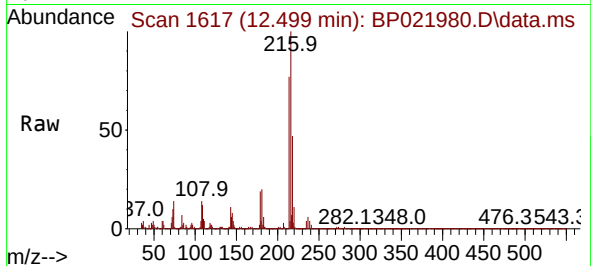
Tgt Ion:164 Resp: 393173
Ion Ratio Lower Upper
164 100
162 103.3 81.2 121.8
160 43.5 35.9 53.9





#40
1,2,4,5-Tetrachlorobenzene
Concen: 3.300 ng
RT: 12.499 min Scan# 1617
Delta R.T. -0.006 min
Lab File: BP021980.D
Acq: 23 Sep 2024 13:11

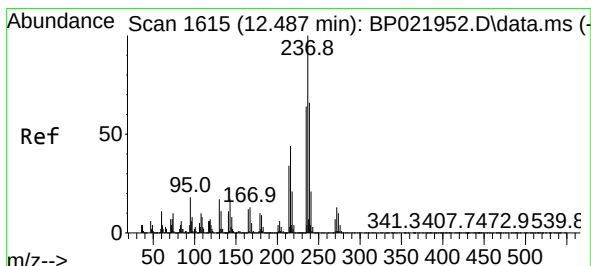
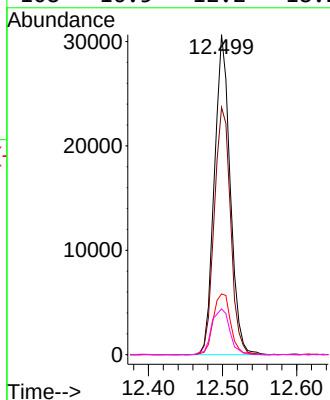
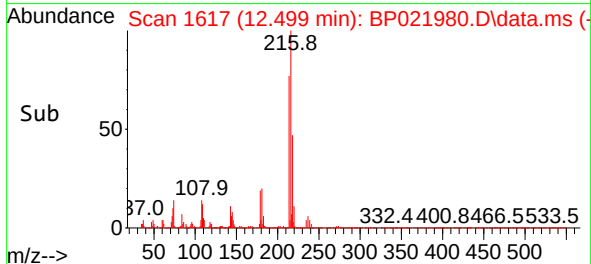
Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT2-2024



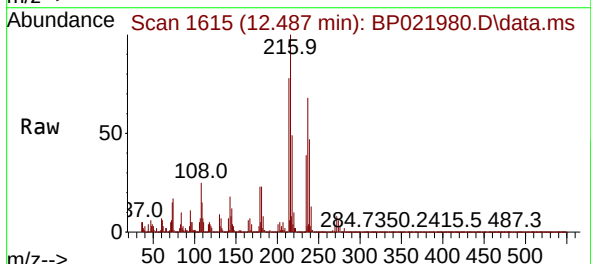
Tgt Ion: 216 Resp: 4538
Ion Ratio Lower Upper
216 100
214 79.8 62.8 94.2
179 20.9 16.4 24.6
108 16.5 12.2 18.2

Manual Integrations
APPROVED

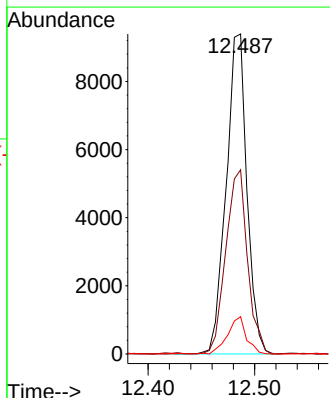
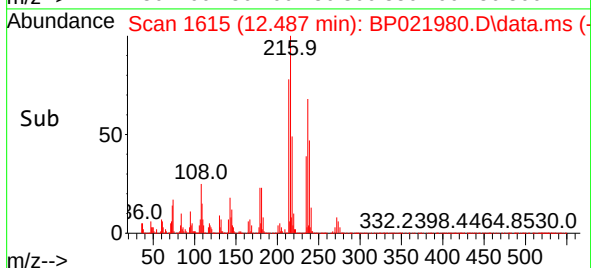
Reviewed By : Yogesh Patel 09/25/2024
Supervised By : mohammad ahmed 09/25/2024

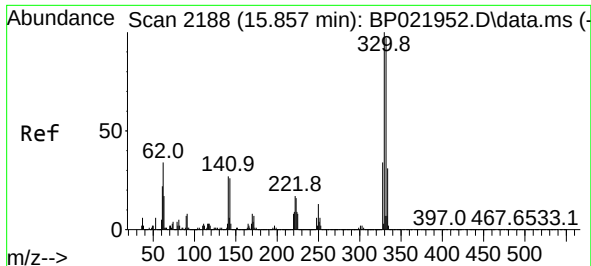


#41
Hexachlorocyclopentadiene
Concen: 2.495 ng
RT: 12.487 min Scan# 1615
Delta R.T. 0.000 min
Lab File: BP021980.D
Acq: 23 Sep 2024 13:11



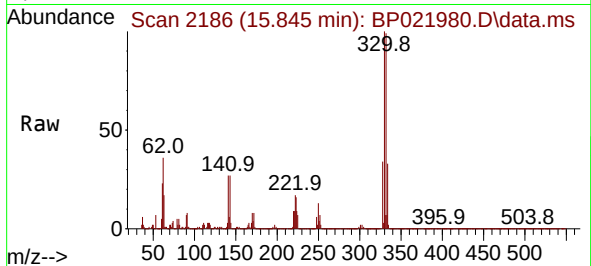
Tgt Ion: 237 Resp: 12752
Ion Ratio Lower Upper
237 100
235 57.5 44.1 84.1
272 11.7 0.0 33.1





#42
2,4,6-Tribromophenol
Concen: 107.296 ng
RT: 15.845 min Scan# 2188
Delta R.T. -0.012 min
Lab File: BP021980.D
Acq: 23 Sep 2024 13:11

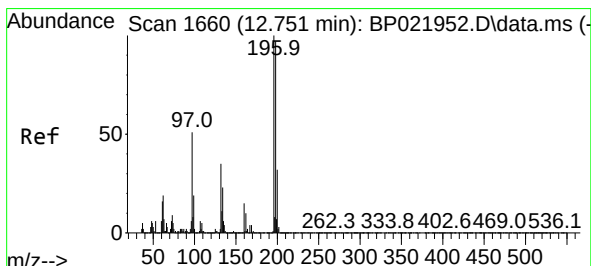
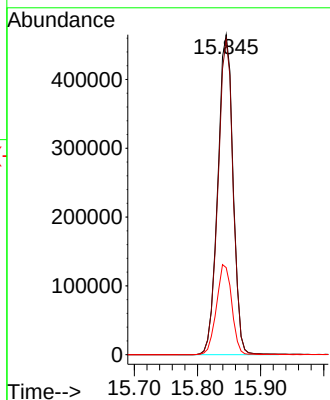
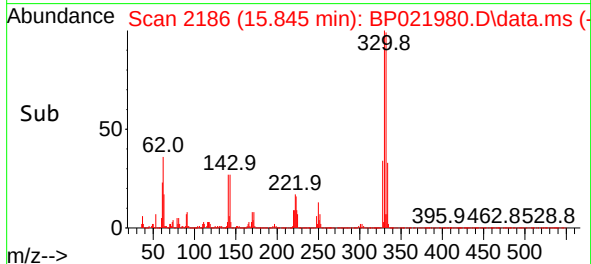
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2024



Tgt Ion:330 Resp: 78207
Ion Ratio Lower Upper
330 100
332 97.6 77.5 116.3
141 28.3 23.4 35.0

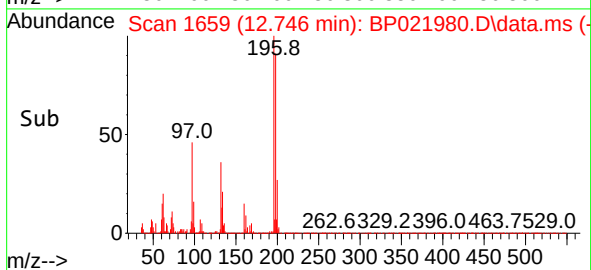
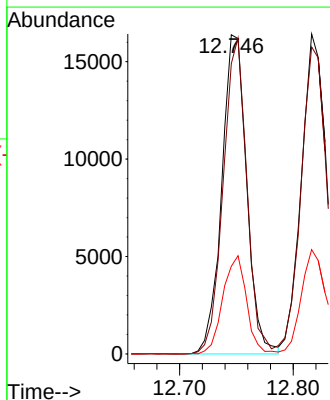
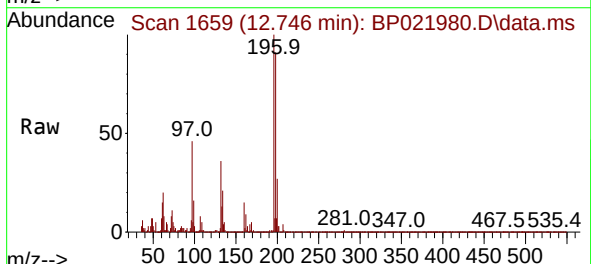
Manual Integrations
APPROVED

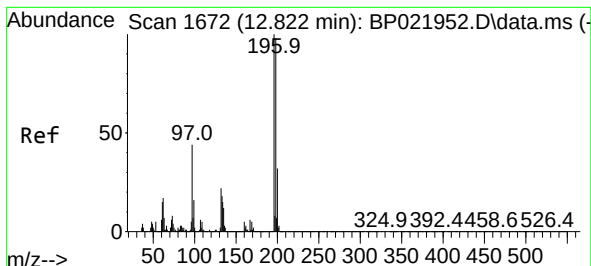
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#43
2,4,6-Trichlorophenol
Concen: 2.957 ng
RT: 12.746 min Scan# 1659
Delta R.T. -0.006 min
Lab File: BP021980.D
Acq: 23 Sep 2024 13:11

Tgt Ion:196 Resp: 24964
Ion Ratio Lower Upper
196 100
198 91.0 77.6 116.4
200 27.4 25.8 38.6





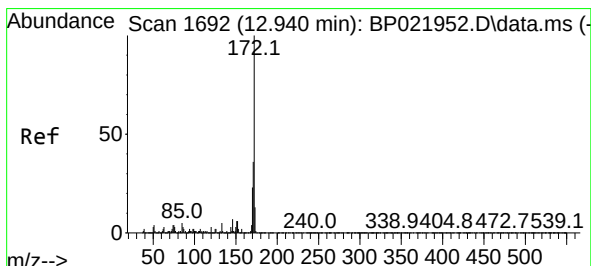
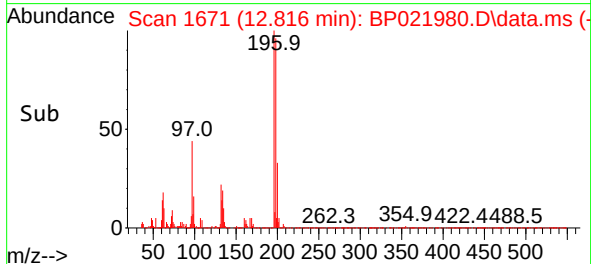
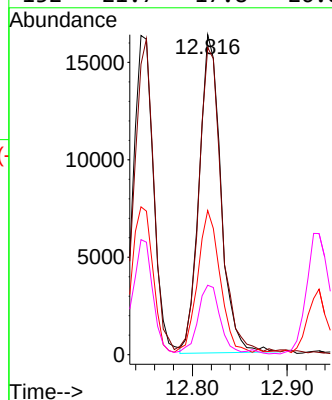
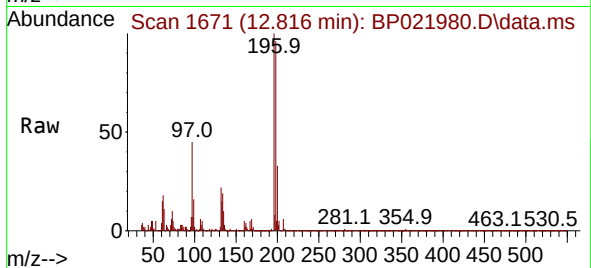
#44
2,4,5-Trichlorophenol
Concen: 2.746 ng
RT: 12.816 min Scan# 1671
Delta R.T. -0.006 min
Lab File: BP021980.D
Acq: 23 Sep 2024 13:11

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

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.0	78.2	117.4
97	45.0	35.0	52.4
132	21.7	17.8	26.8

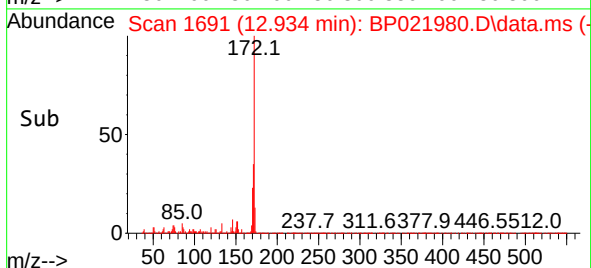
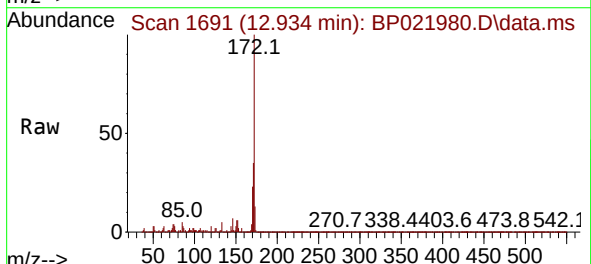
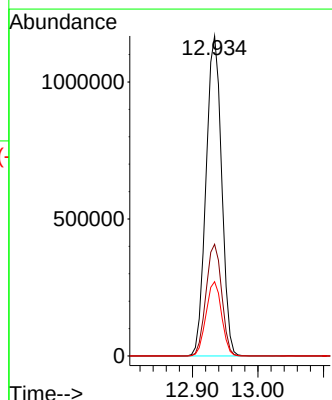
Manual Integrations
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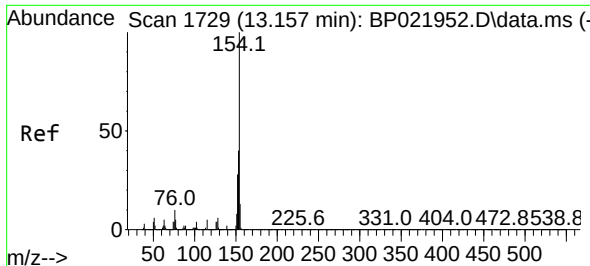
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#45
2-Fluorobiphenyl
Concen: 71.643 ng
RT: 12.934 min Scan# 1691
Delta R.T. -0.006 min
Lab File: BP021980.D
Acq: 23 Sep 2024 13:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.6	43.0
170	23.2	18.8	28.2





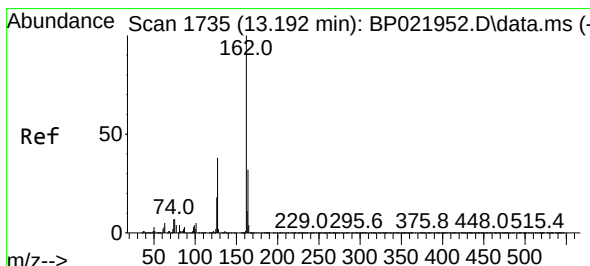
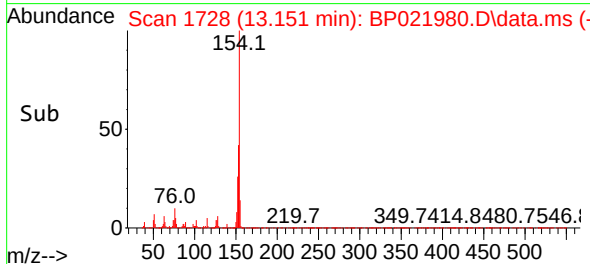
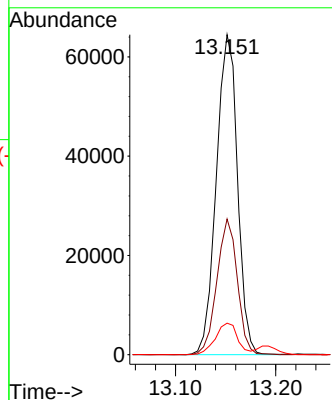
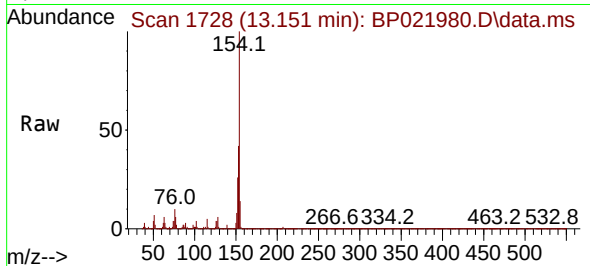
#46
1,1'-Biphenyl
Concen: 3.522 ng
RT: 13.151 min Scan# 1729
Delta R.T. -0.006 min
Lab File: BP021980.D
Acq: 23 Sep 2024 13:11

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

Tgt Ion:154 Resp: 9442
Ion Ratio Lower Upper
154 100
153 42.4 20.2 60.2
76 9.8 0.0 29.9

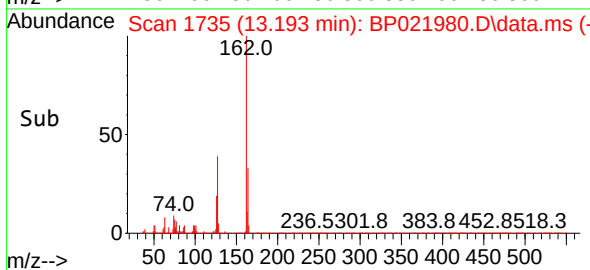
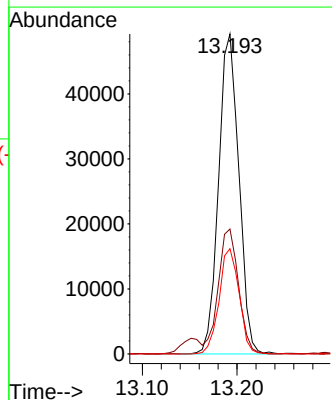
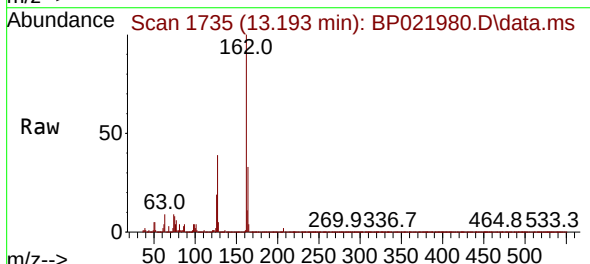
Manual Integrations
APPROVED

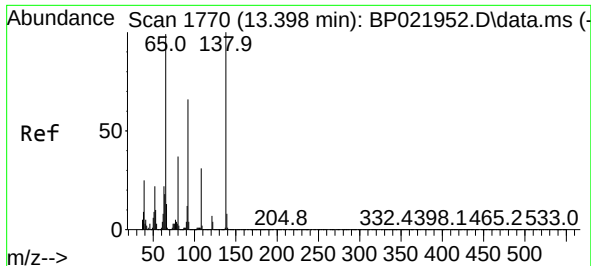
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#47
2-Chloronaphthalene
Concen: 3.381 ng
RT: 13.193 min Scan# 1735
Delta R.T. 0.000 min
Lab File: BP021980.D
Acq: 23 Sep 2024 13:11

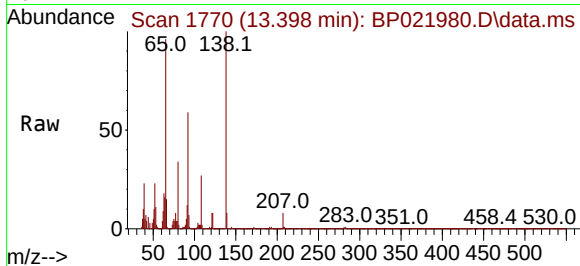
Tgt Ion:162 Resp: 73294
Ion Ratio Lower Upper
162 100
127 39.0 31.7 47.5
164 32.9 25.9 38.9





#48
2-Nitroaniline
Concen: 2.714 ng
RT: 13.398 min Scan# 1770
Delta R.T. 0.000 min
Lab File: BP021980.D
Acq: 23 Sep 2024 13:11

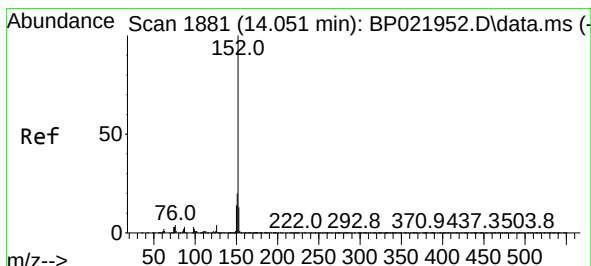
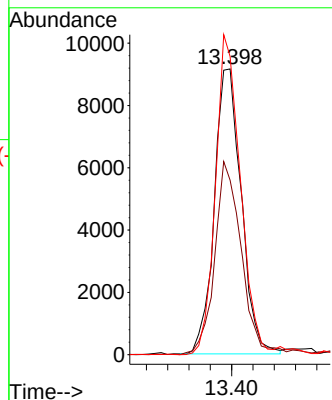
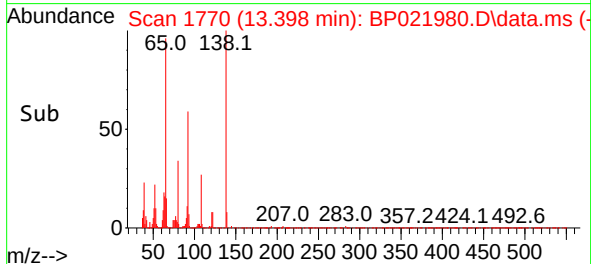
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2024



Tgt Ion: 65 Resp: 16064
Ion Ratio Lower Upper
65 100
92 61.1 53.2 79.8
138 104.3 81.1 121.7

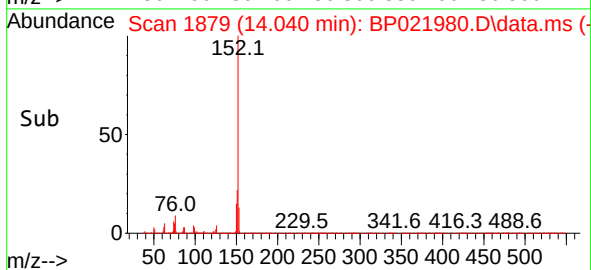
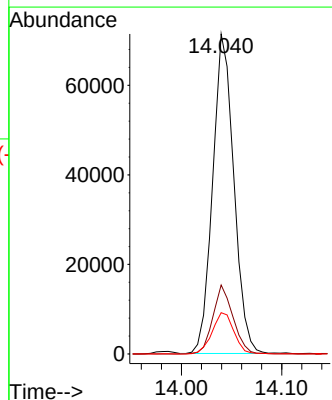
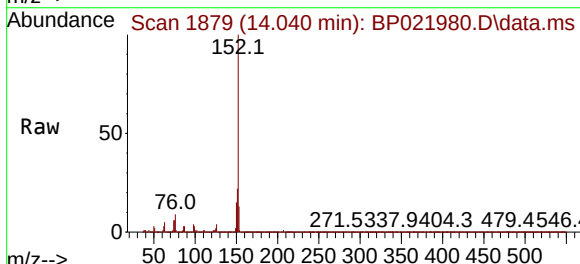
Manual Integrations
APPROVED

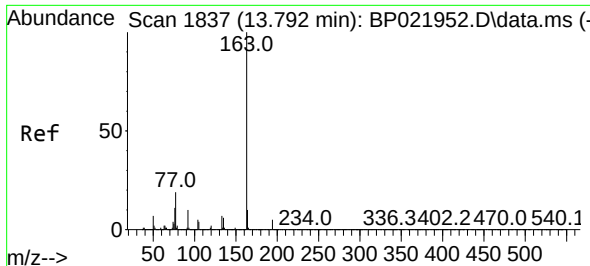
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#49
Acenaphthylene
Concen: 3.420 ng
RT: 14.040 min Scan# 1879
Delta R.T. -0.012 min
Lab File: BP021980.D
Acq: 23 Sep 2024 13:11

Tgt Ion:152 Resp: 104619
Ion Ratio Lower Upper
152 100
151 21.5 16.0 24.0
153 12.9 10.8 16.2





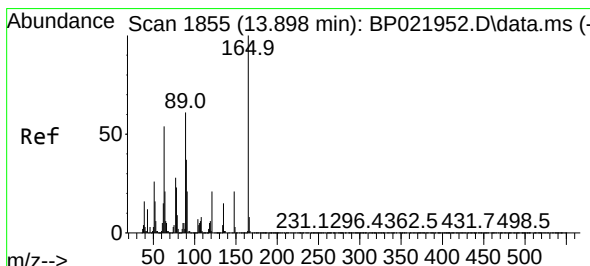
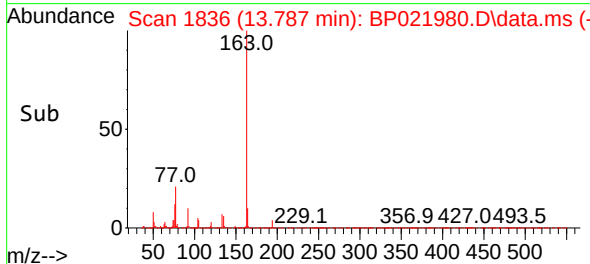
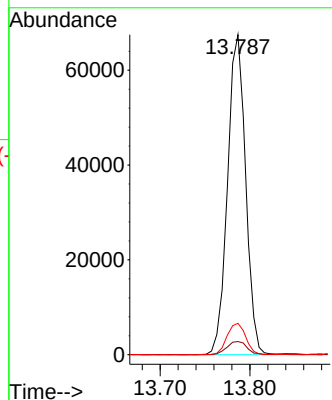
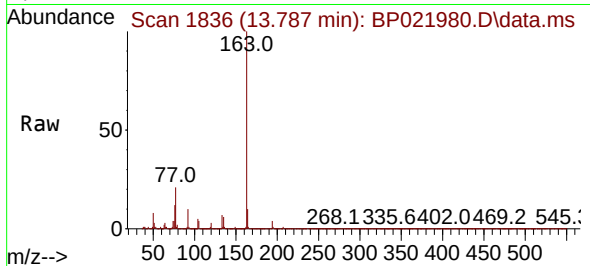
#50
Dimethylphthalate
Concen: 3.309 ng
RT: 13.787 min Scan# 1836
Delta R.T. -0.006 min
Lab File: BP021980.D
Acq: 23 Sep 2024 13:11

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

Tgt Ion:163 Resp: 9436
Ion Ratio Lower Upper
163 100
194 4.1 3.6 5.4
164 9.8 8.0 12.0

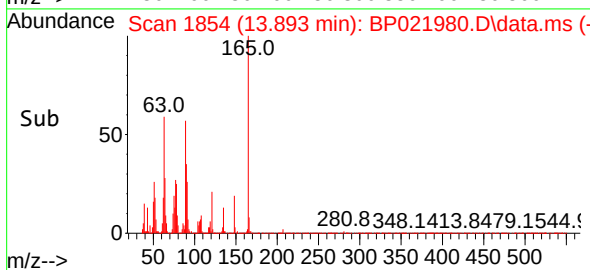
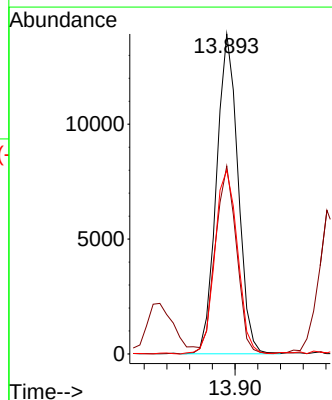
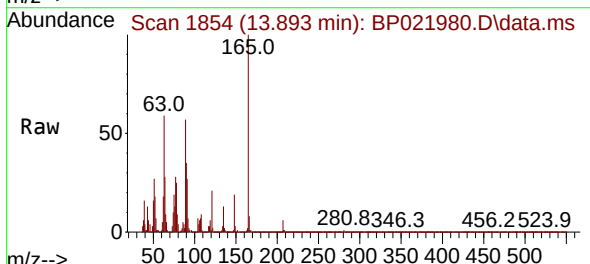
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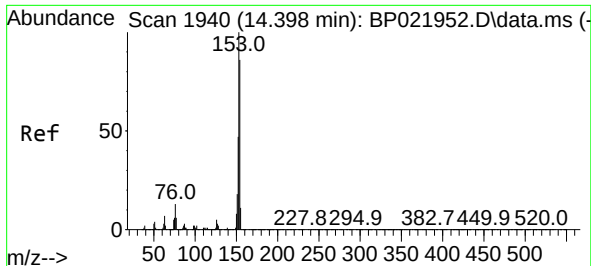
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#51
2,6-Dinitrotoluene
Concen: 2.886 ng
RT: 13.893 min Scan# 1854
Delta R.T. -0.006 min
Lab File: BP021980.D
Acq: 23 Sep 2024 13:11

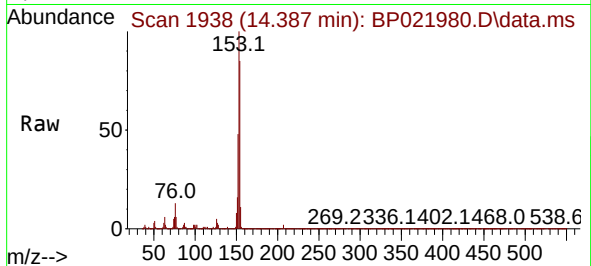
Tgt Ion:165 Resp: 18340
Ion Ratio Lower Upper
165 100
63 58.7 46.4 69.6
89 57.5 48.5 72.7





#52
Acenaphthene
Concen: 3.235 ng
RT: 14.387 min Scan# 1938
Delta R.T. -0.012 min
Lab File: BP021980.D
Acq: 23 Sep 2024 13:11

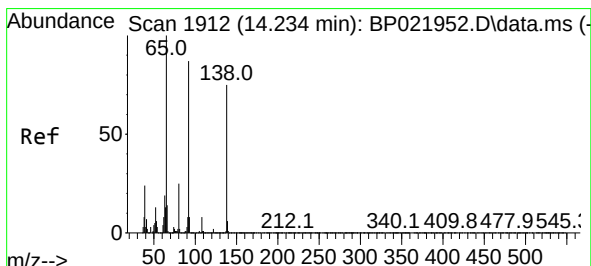
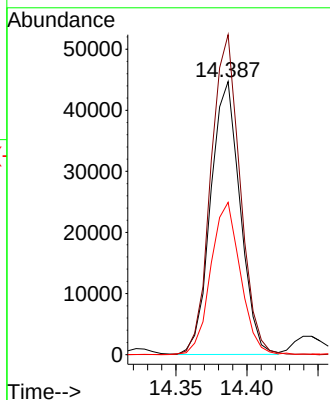
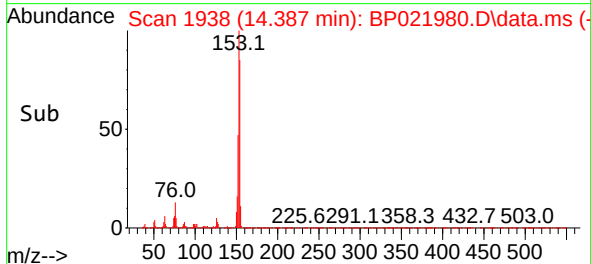
Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT2-2024



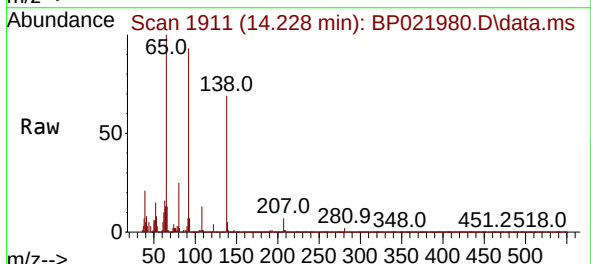
Tgt Ion:154 Resp: 64390
Ion Ratio Lower Upper
154 100
153 117.2 92.7 139.1
152 55.8 43.6 65.4

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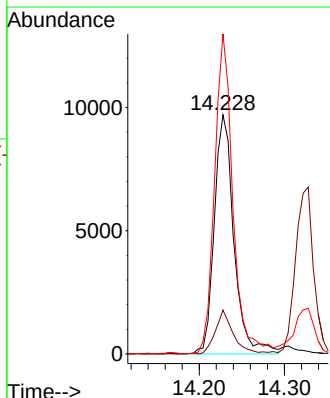
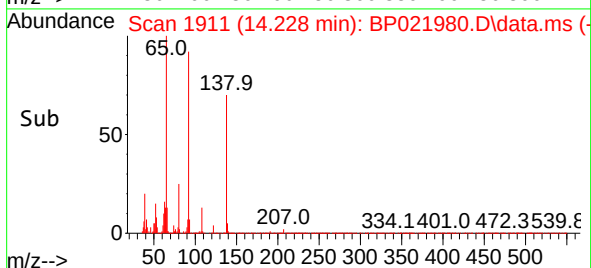
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024

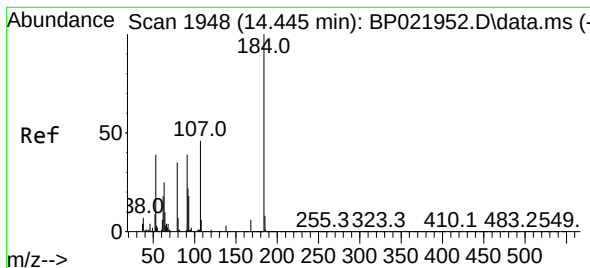


#53
3-Nitroaniline
Concen: 2.743 ng
RT: 14.228 min Scan# 1911
Delta R.T. -0.006 min
Lab File: BP021980.D
Acq: 23 Sep 2024 13:11



Tgt Ion:138 Resp: 15531
Ion Ratio Lower Upper
138 100
108 18.3 9.0 13.4#
92 133.8 92.8 139.2





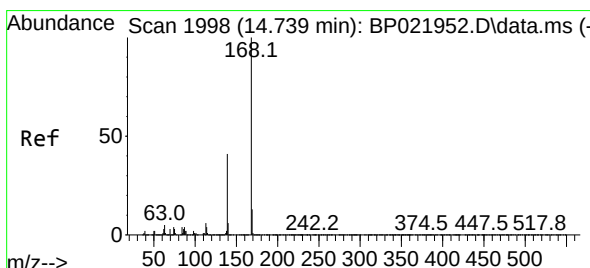
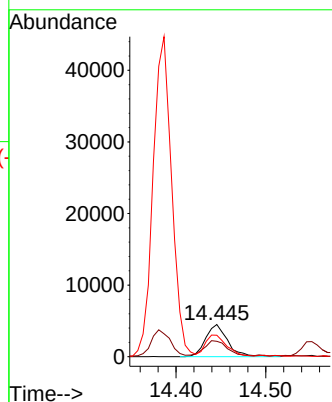
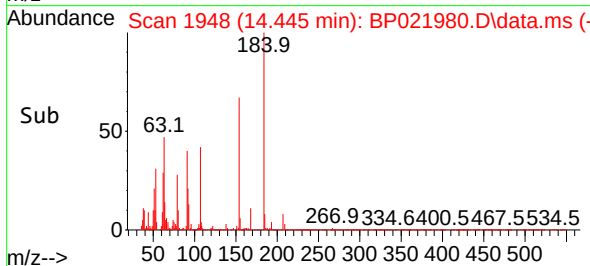
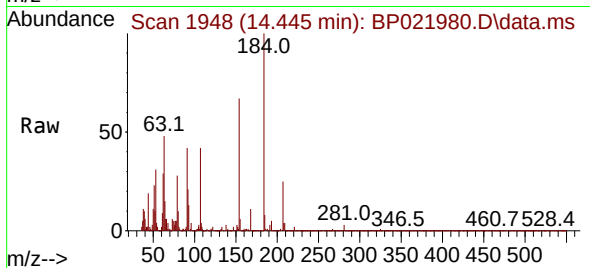
#54
2,4-Dinitrophenol
Concen: 2.061 ng
RT: 14.445 min Scan# 1948
Delta R.T. 0.000 min
Lab File: BP021980.D
Acq: 23 Sep 2024 13:11

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

Tgt Ion:184 Resp: 7672
Ion Ratio Lower Upper
184 100
63 47.9 49.0 73.6
154 67.0 58.1 87.1

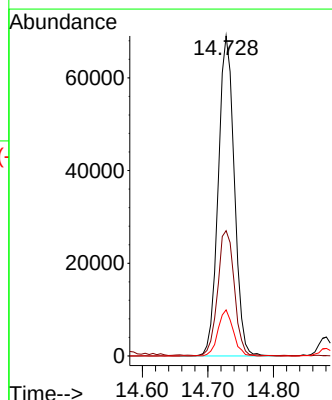
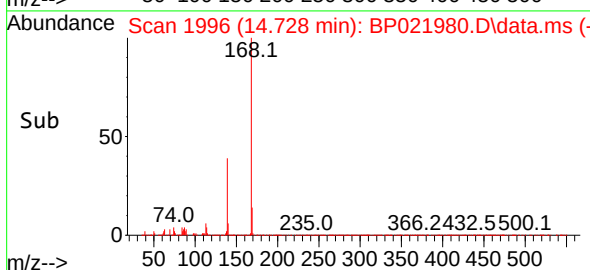
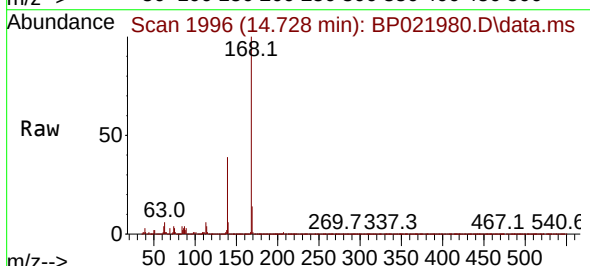
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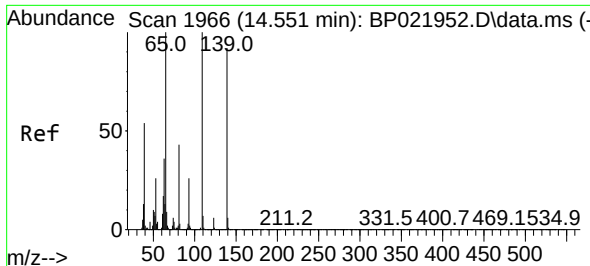
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#55
Dibenzofuran
Concen: 3.491 ng
RT: 14.728 min Scan# 1996
Delta R.T. -0.012 min
Lab File: BP021980.D
Acq: 23 Sep 2024 13:11

Tgt Ion:168 Resp: 116800
Ion Ratio Lower Upper
168 100
139 39.1 33.0 49.4
169 14.4 10.7 16.1





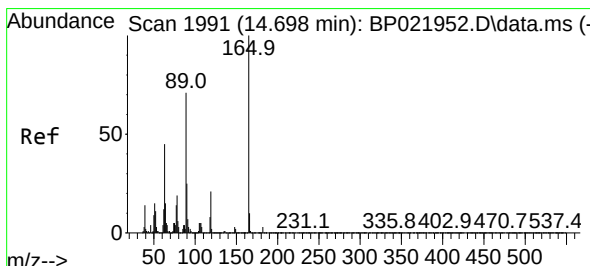
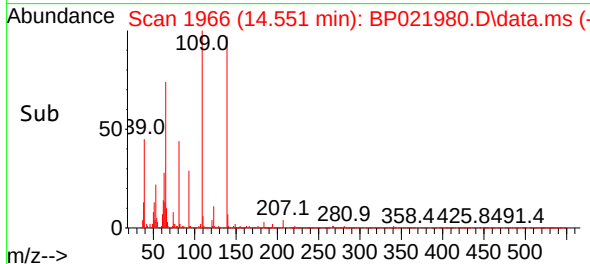
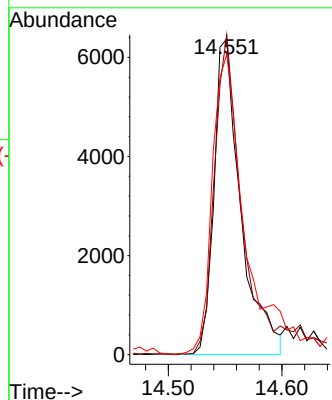
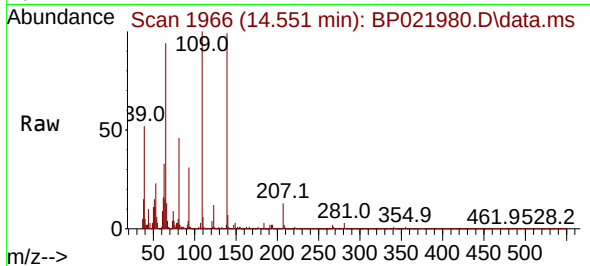
#56
4-Nitrophenol
Concen: 2.119 ng
RT: 14.551 min Scan# 1966
Delta R.T. 0.000 min
Lab File: BP021980.D
Acq: 23 Sep 2024 13:11

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

Tgt Ion:139 Resp: 10440
Ion Ratio Lower Upper
139 100
109 101.3 88.6 128.6
65 95.2 88.7 128.7

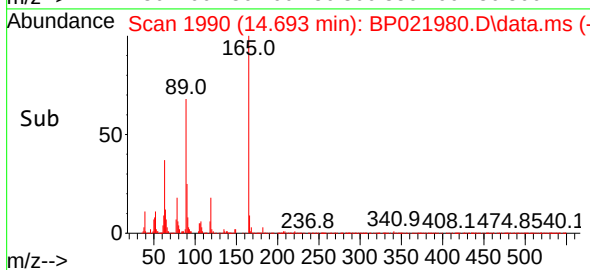
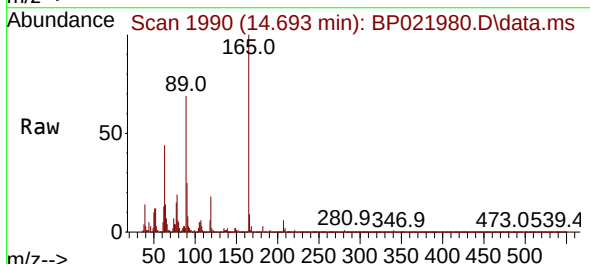
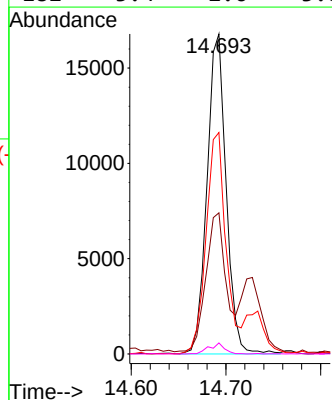
Manual Integrations
APPROVED

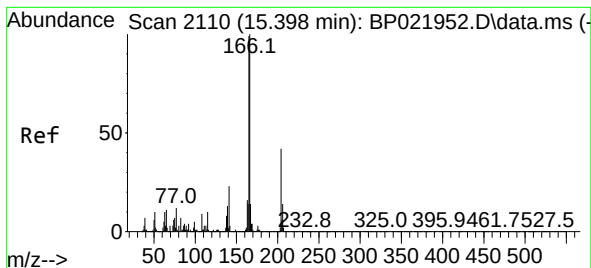
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#57
2,4-Dinitrotoluene
Concen: 2.616 ng
RT: 14.693 min Scan# 1990
Delta R.T. -0.006 min
Lab File: BP021980.D
Acq: 23 Sep 2024 13:11

Tgt Ion:165 Resp: 23500
Ion Ratio Lower Upper
165 100
63 44.1 36.3 54.5
89 69.2 57.2 85.8
182 3.4 2.6 3.8





#58

Fluorene

Concen: 3.214 ng

RT: 15.387 min Scan# 2110

Delta R.T. -0.012 min

Lab File: BP021980.D

Acq: 23 Sep 2024 13:11

Instrument :

BNA_P

ClientSampleId :

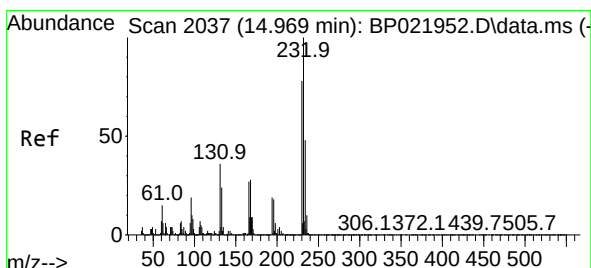
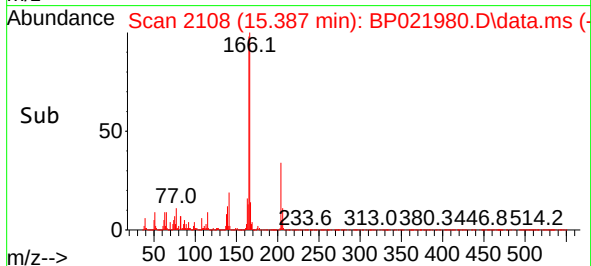
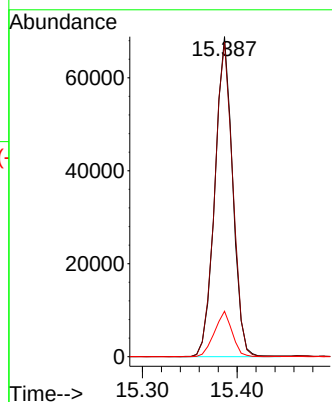
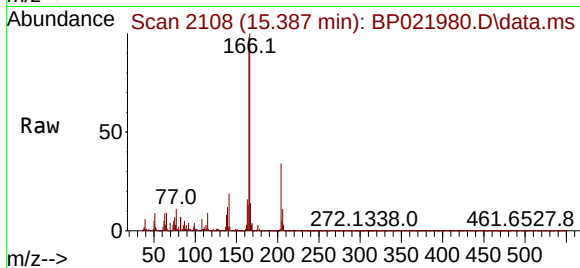
MDL-WATER-03-QT2-2024

Tgt Ion:166	Resp:	8980
Ion Ratio	Lower	Upper
166	100	
165	98.2	79.4 119.2
167	14.2	10.9 16.3

Manual Integrations
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Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024



#59

2,3,4,6-Tetrachlorophenol

Concen: 3.100 ng

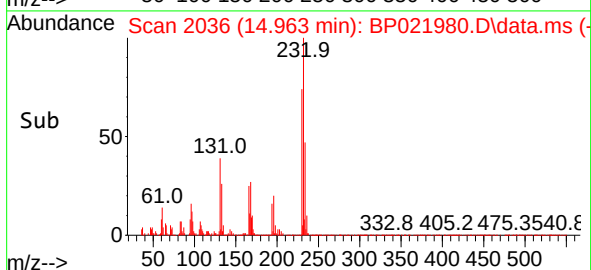
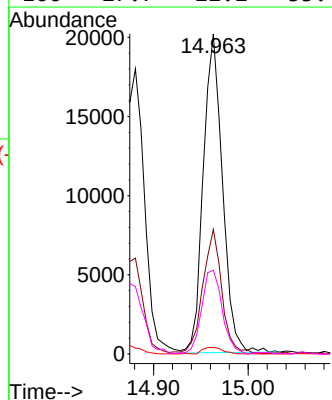
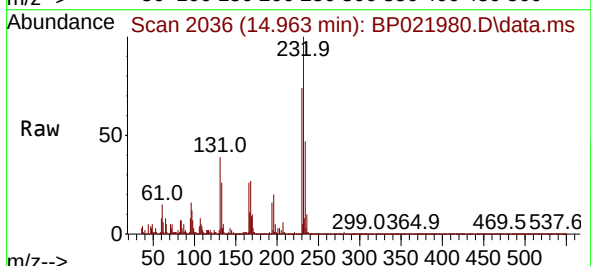
RT: 14.963 min Scan# 2036

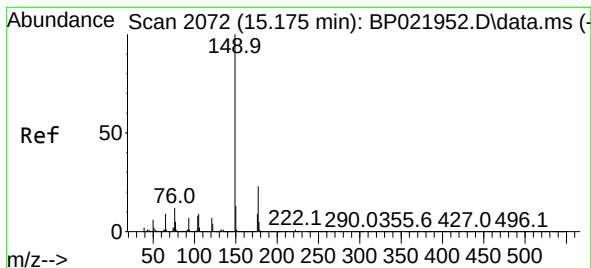
Delta R.T. -0.006 min

Lab File: BP021980.D

Acq: 23 Sep 2024 13:11

Tgt Ion:232	Resp:	28335
Ion Ratio	Lower	Upper
232	100	
131	38.4	30.2 45.4
130	2.2	1.9 2.9
166	27.7	22.2 33.4





#60

Diethylphthalate

Concen: 3.244 ng

RT: 15.163 min Scan# 2070

Delta R.T. -0.012 min

Lab File: BP021980.D

Acq: 23 Sep 2024 13:11

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT2-2024

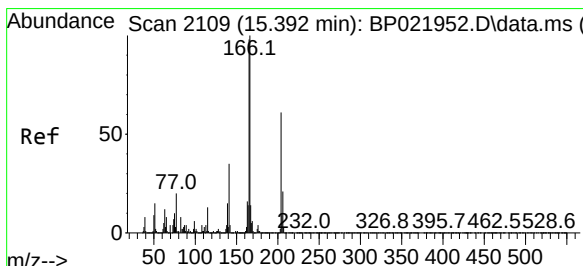
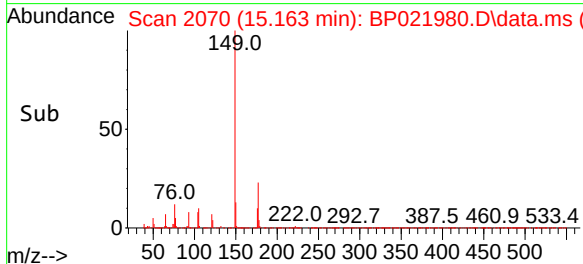
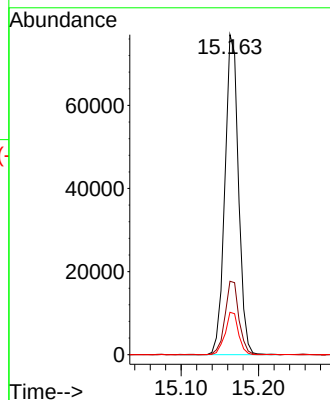
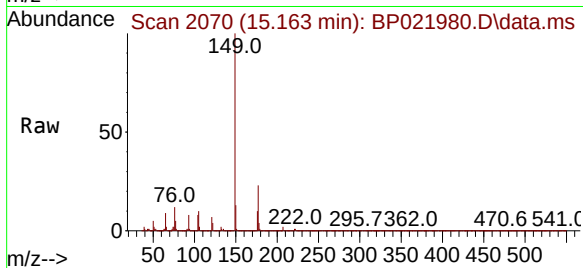
Tgt Ion:	149	Resp:	94014
Ion Ratio	Lower	Upper	
149	100		
177	22.9	18.2	27.4
150	13.2	10.1	15.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024



#61

4-Chlorophenyl-phenylether

Concen: 3.234 ng

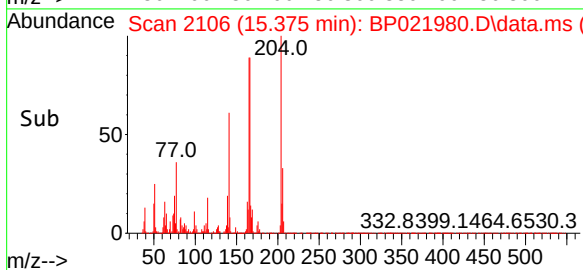
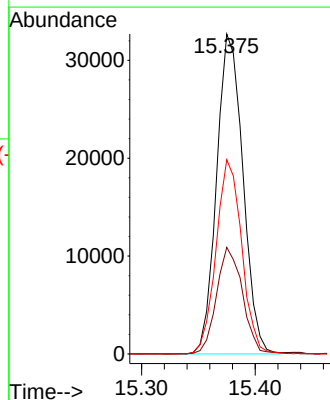
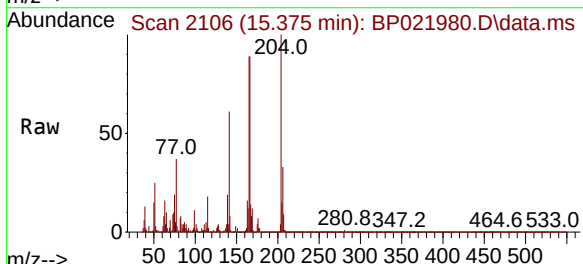
RT: 15.375 min Scan# 2106

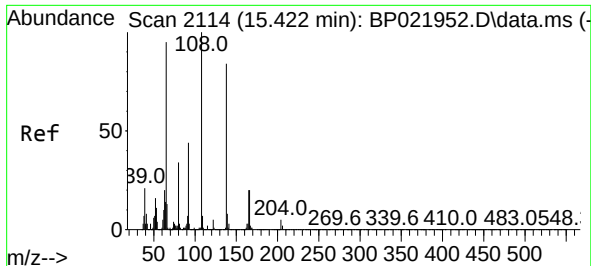
Delta R.T. -0.018 min

Lab File: BP021980.D

Acq: 23 Sep 2024 13:11

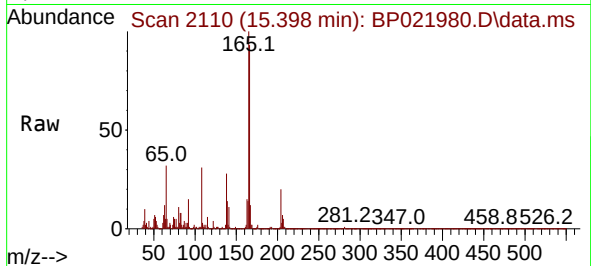
Tgt Ion:	204	Resp:	52611
Ion Ratio	Lower	Upper	
204	100		
206	33.3	27.3	40.9
141	60.7	45.7	68.5





#62
4-Nitroaniline
Concen: 2.615 ng
RT: 15.398 min Scan# 2110
Delta R.T. -0.023 min
Lab File: BP021980.D
Acq: 23 Sep 2024 13:11

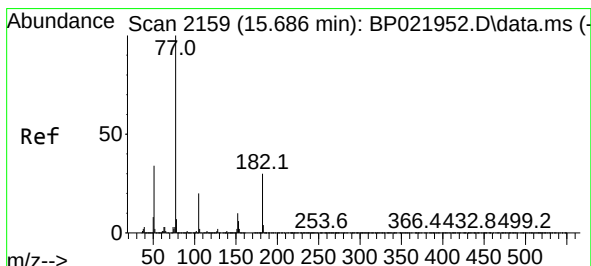
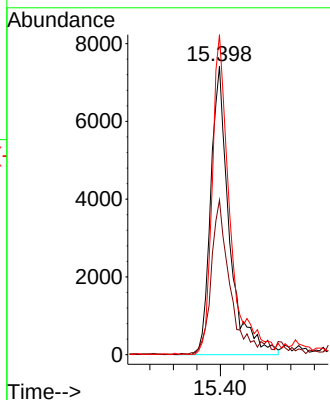
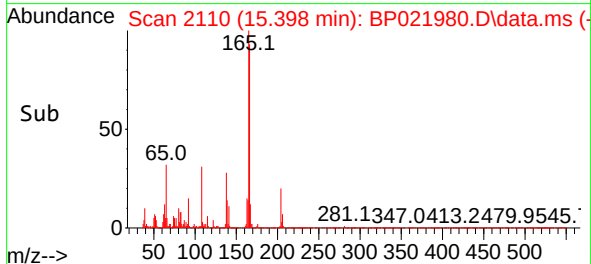
Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT2-2024



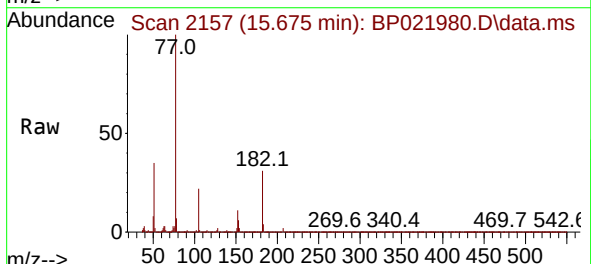
Tgt Ion: 138 Resp: 16280
Ion Ratio Lower Upper
138 100
92 53.6 32.6 72.6
108 110.9 98.6 138.6

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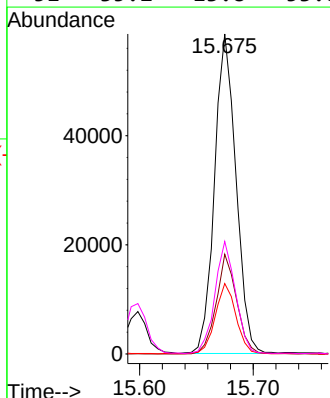
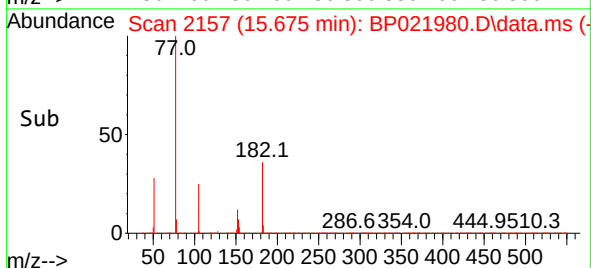
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024

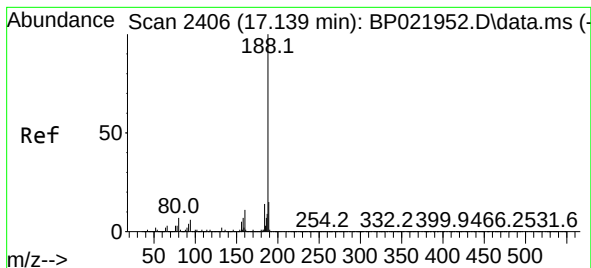


#63
Azobenzene
Concen: 3.208 ng
RT: 15.675 min Scan# 2157
Delta R.T. -0.012 min
Lab File: BP021980.D
Acq: 23 Sep 2024 13:11



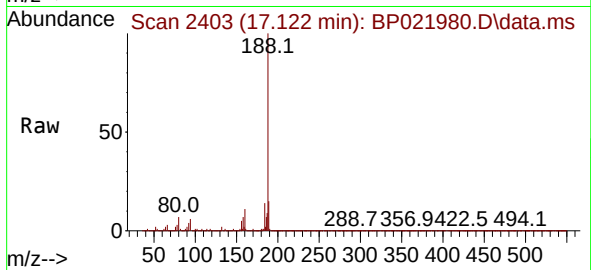
Tgt Ion: 77 Resp: 76937
Ion Ratio Lower Upper
77 100
182 31.2 9.6 49.6
105 22.0 0.0 39.8
51 35.2 13.8 53.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.122 min Scan# 2406
Delta R.T. -0.018 min
Lab File: BP021980.D
Acq: 23 Sep 2024 13:11

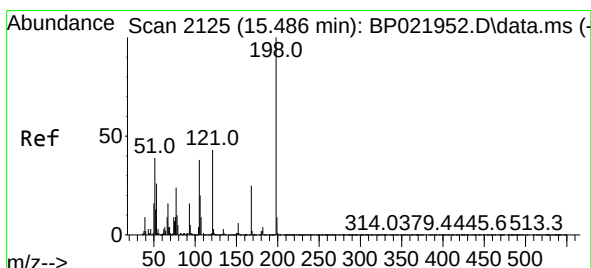
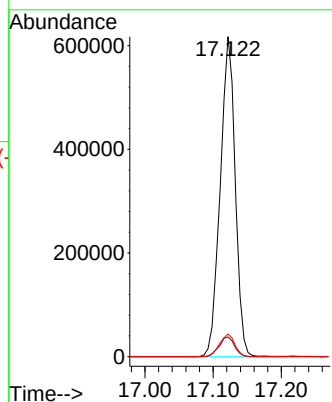
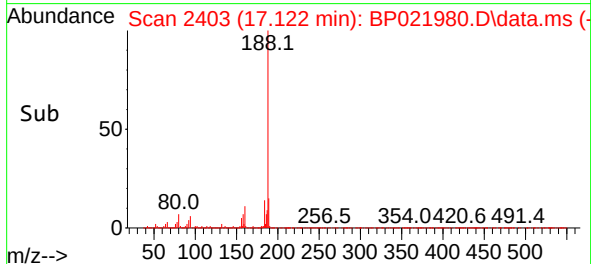
Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT2-2024



Tgt Ion:188 Resp: 945454
Ion Ratio Lower Upper
188 100
94 6.2 4.6 6.8
80 7.0 5.4 8.2

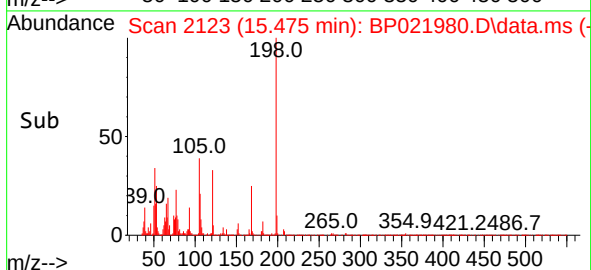
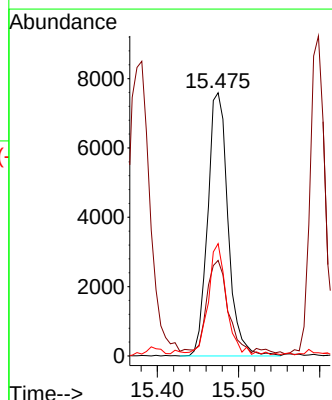
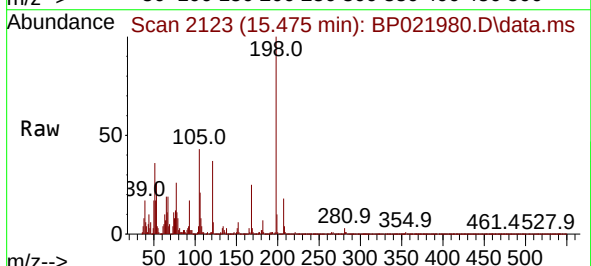
Manual Integrations
APPROVED

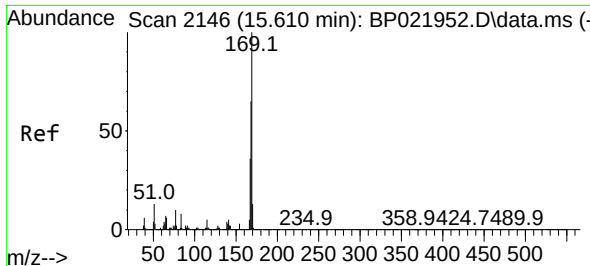
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#65
4,6-Dinitro-2-methylphenol
Concen: 2.402 ng
RT: 15.475 min Scan# 2123
Delta R.T. -0.012 min
Lab File: BP021980.D
Acq: 23 Sep 2024 13:11

Tgt Ion:198 Resp: 13161
Ion Ratio Lower Upper
198 100
51 36.3 20.7 60.7
105 42.7 18.4 58.4





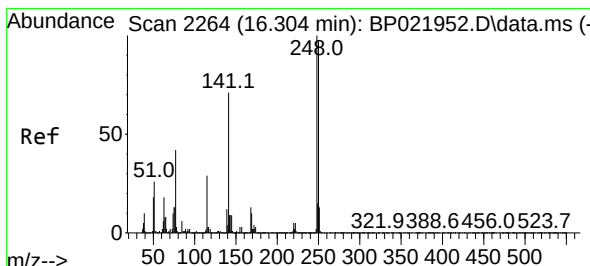
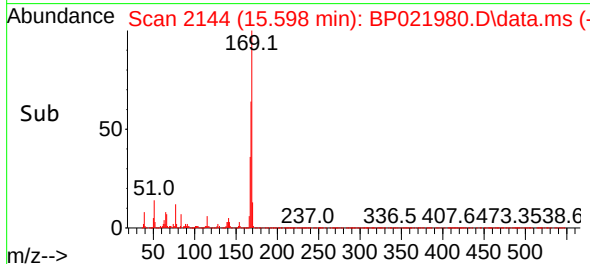
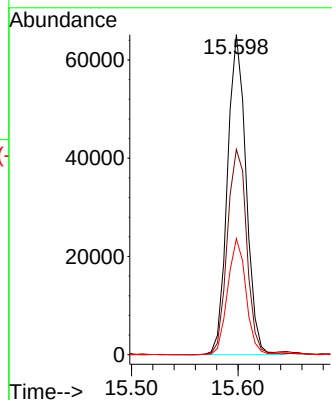
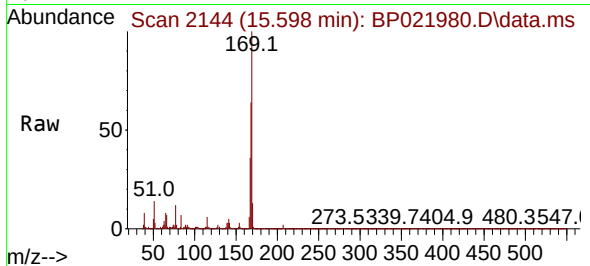
#66
n-Nitrosodiphenylamine
Concen: 3.358 ng
RT: 15.598 min Scan# 2144
Delta R.T. -0.012 min
Lab File: BP021980.D
Acq: 23 Sep 2024 13:11

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

Tgt Ion	Ratio	Lower	Upper
169	100		
168	64.1	52.2	78.4
167	36.3	28.6	42.8

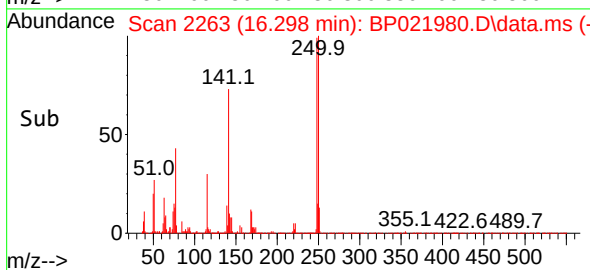
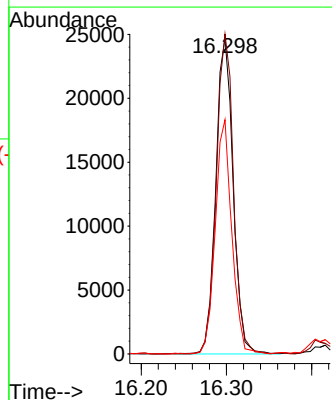
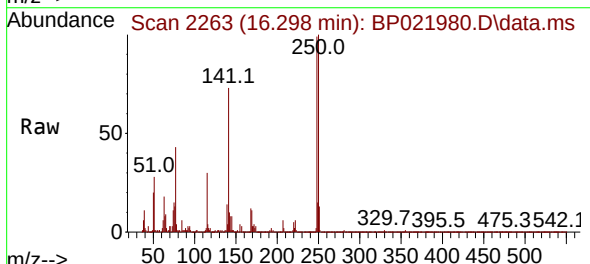
Manual Integrations
APPROVED

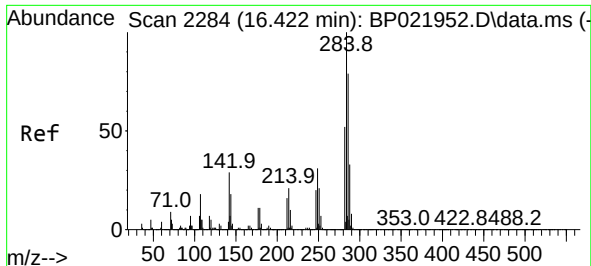
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#67
4-Bromophenyl-phenylether
Concen: 3.169 ng
RT: 16.298 min Scan# 2263
Delta R.T. -0.006 min
Lab File: BP021980.D
Acq: 23 Sep 2024 13:11

Tgt Ion	Ratio	Lower	Upper
248	100		
250	101.3	77.5	116.3
141	74.1	56.5	84.7





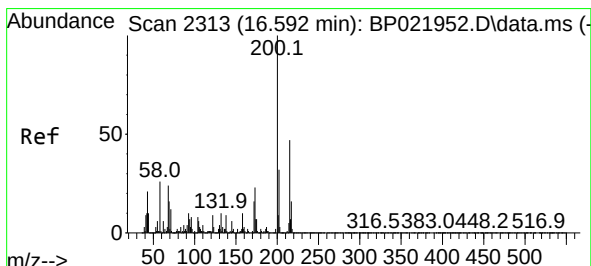
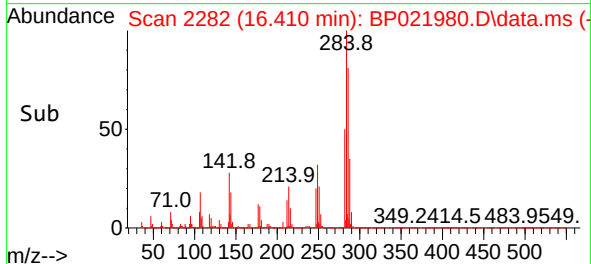
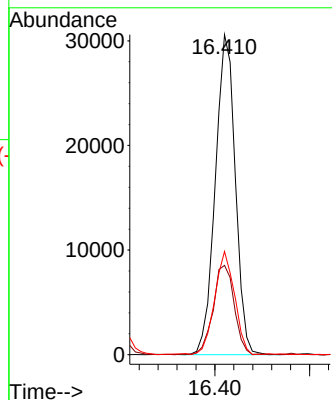
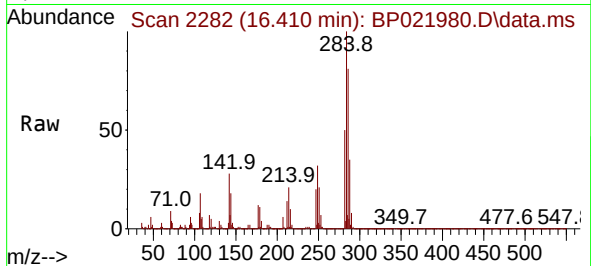
#68
Hexachlorobenzene
Concen: 3.261 ng
RT: 16.410 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP021980.D
Acq: 23 Sep 2024 13:11

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

Tgt Ion:284 Resp: 4481
Ion Ratio Lower Upper
284 100
142 27.9 22.9 34.3
249 32.2 25.2 37.8

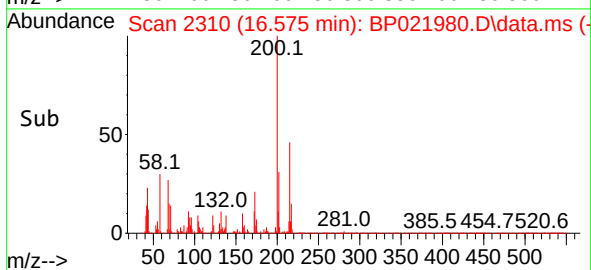
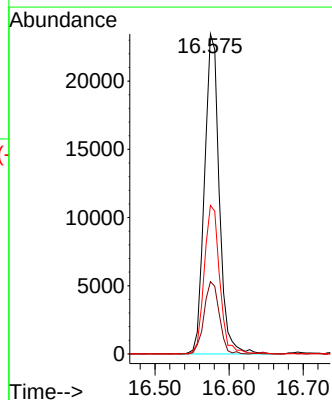
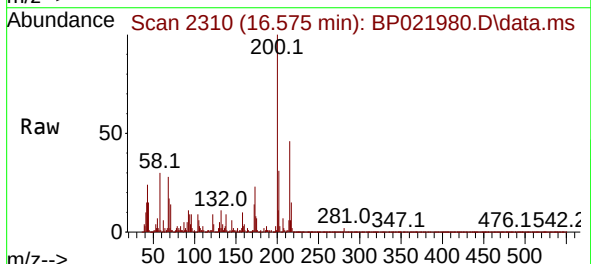
Manual Integrations
APPROVED

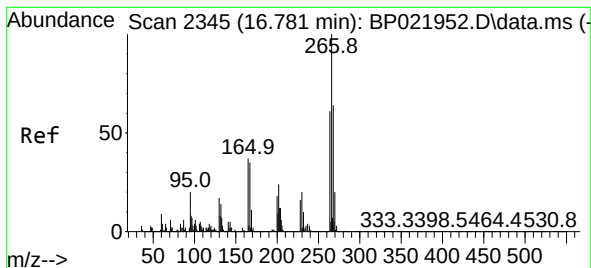
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#69
Atrazine
Concen: 3.850 ng
RT: 16.575 min Scan# 2310
Delta R.T. -0.018 min
Lab File: BP021980.D
Acq: 23 Sep 2024 13:11

Tgt Ion:200 Resp: 32470
Ion Ratio Lower Upper
200 100
173 22.6 3.0 43.0
215 46.4 27.4 67.4





#70

Pentachlorophenol

Concen: 2.634 ng

RT: 16.763 min Scan# 2410

Delta R.T. -0.018 min

Lab File: BP021980.D

Acq: 23 Sep 2024 13:11

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT2-2024

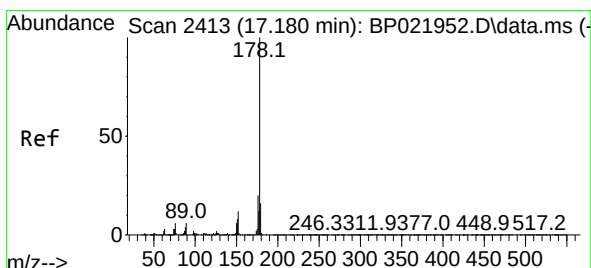
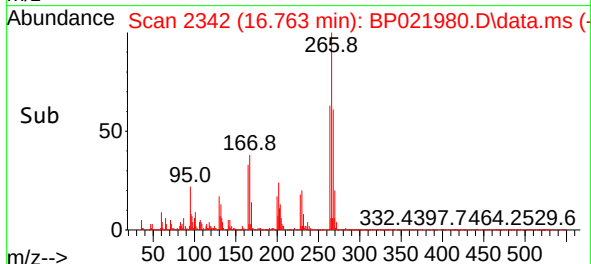
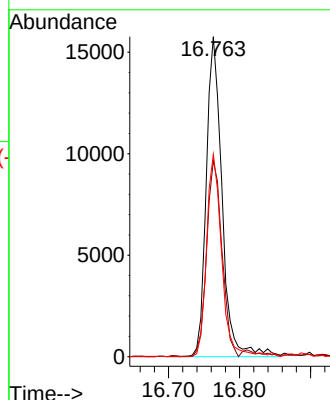
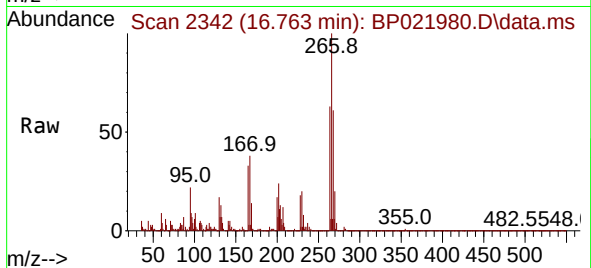
Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.2	51.1	76.7
264	63.3	48.6	72.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024



#71

Phenanthrene

Concen: 3.459 ng

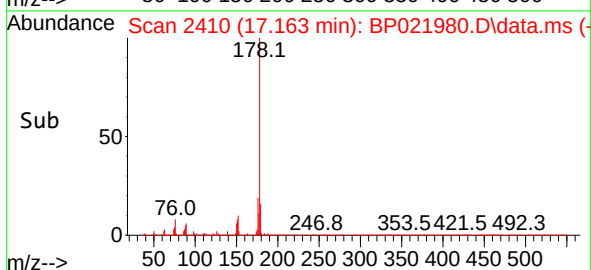
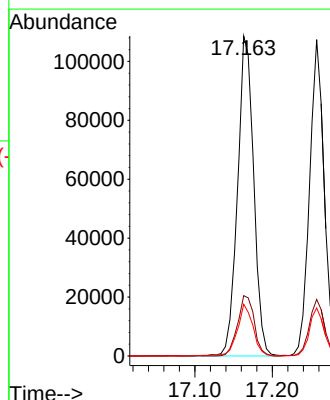
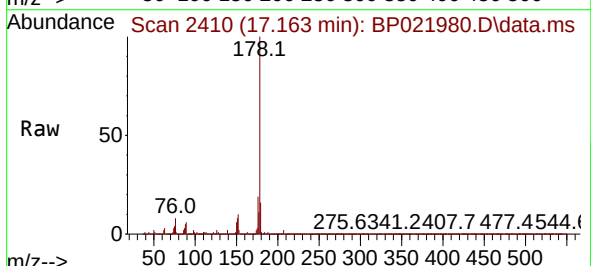
RT: 17.163 min Scan# 2410

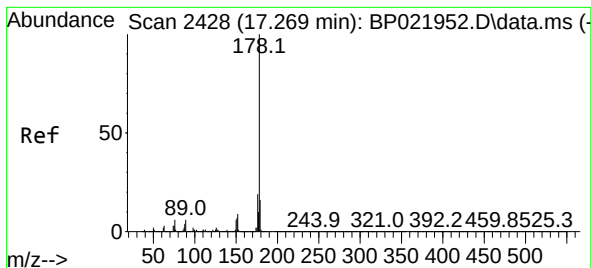
Delta R.T. -0.018 min

Lab File: BP021980.D

Acq: 23 Sep 2024 13:11

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.9	23.9
179	16.1	12.5	18.7





#72

Anthracene

Concen: 3.272 ng

RT: 17.257 min Scan# 2428

Delta R.T. -0.012 min

Lab File: BP021980.D

Acq: 23 Sep 2024 13:11

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT2-2024

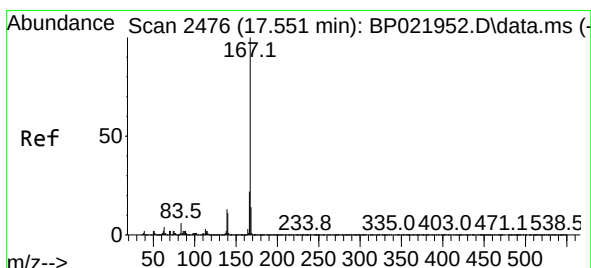
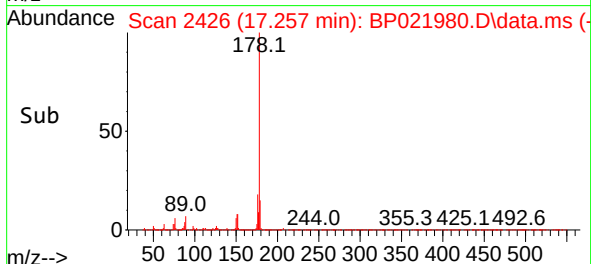
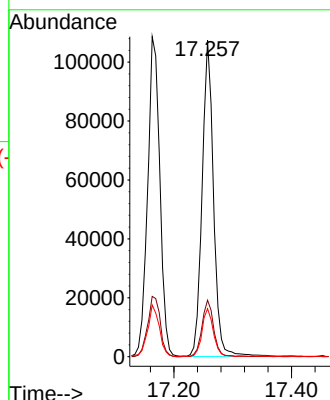
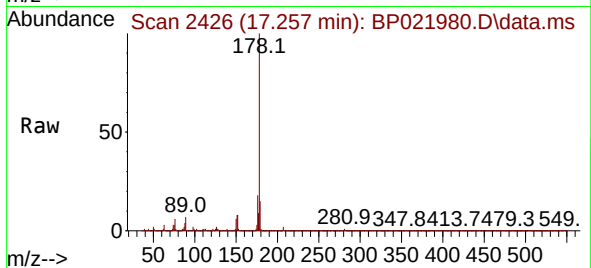
Tgt Ion:178 Resp: 143752
 Ion Ratio Lower Upper
 178 100
 176 17.9 15.0 22.6
 179 15.2 12.6 18.8

Manual Integrations

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Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024



#73

Carbazole

Concen: 3.182 ng

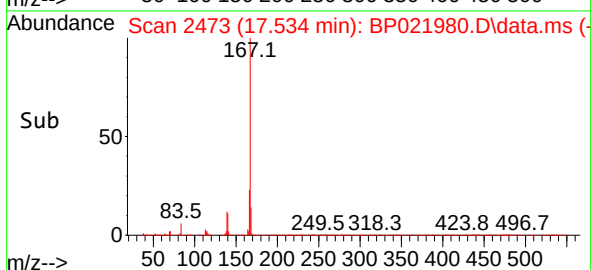
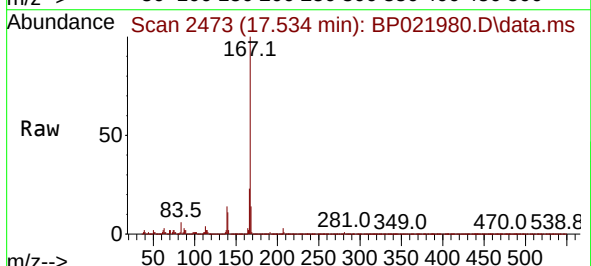
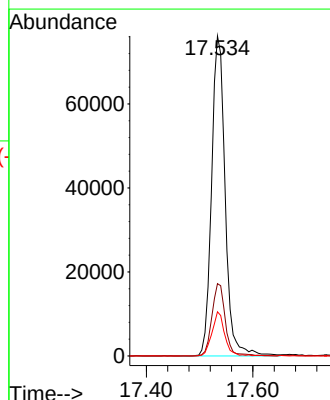
RT: 17.534 min Scan# 2473

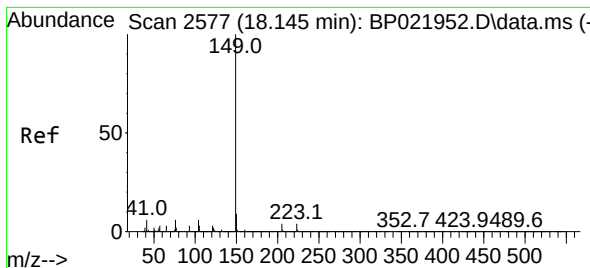
Delta R.T. -0.018 min

Lab File: BP021980.D

Acq: 23 Sep 2024 13:11

Tgt Ion:167 Resp: 135036
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.4 26.0
 139 13.8 10.5 15.7





#74

Di-n-butylphthalate

Concen: 2.981 ng

RT: 18.128 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP021980.D

Acq: 23 Sep 2024 13:11

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT2-2024

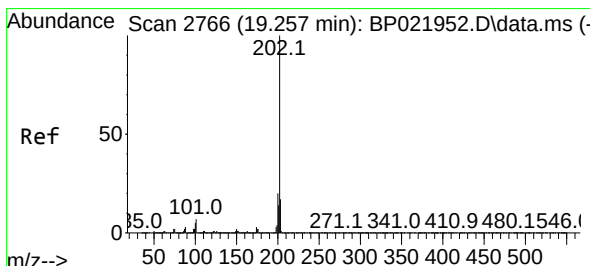
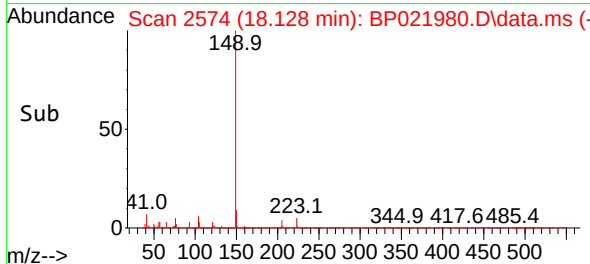
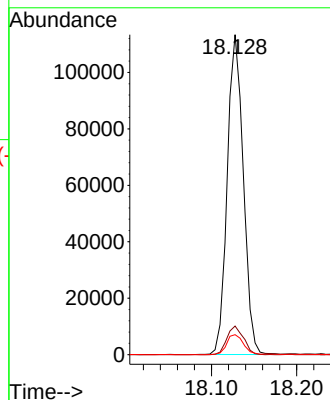
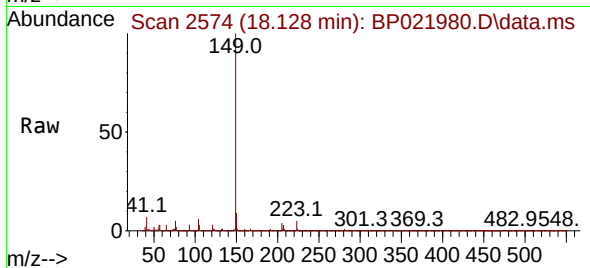
Tgt Ion:	149	Resp:	14858
Ion Ratio	Lower	Upper	
149	100		
150	9.0	7.3	10.9
104	6.2	4.6	6.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024



#75

Fluoranthene

Concen: 3.224 ng

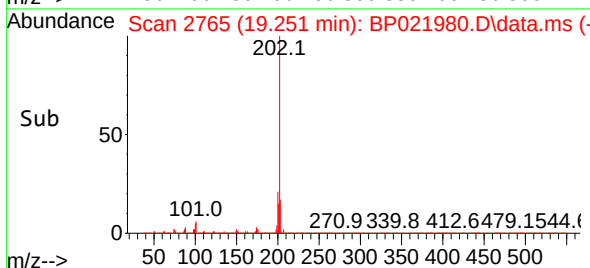
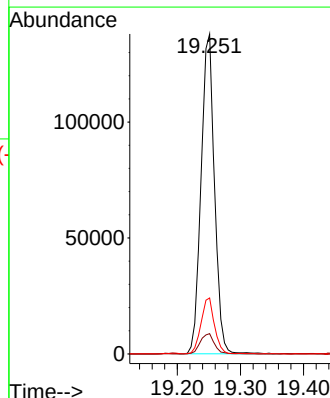
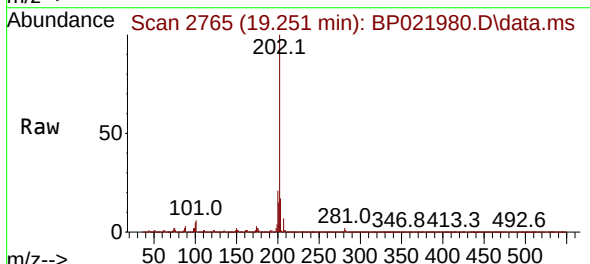
RT: 19.251 min Scan# 2765

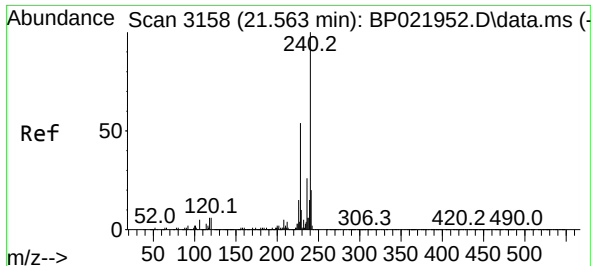
Delta R.T. -0.006 min

Lab File: BP021980.D

Acq: 23 Sep 2024 13:11

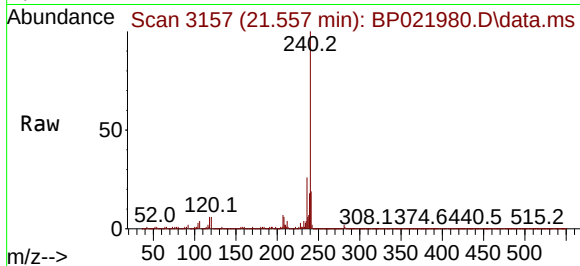
Tgt Ion:	202	Resp:	204216
Ion Ratio	Lower	Upper	
202	100		
101	6.3	0.0	26.5
203	17.5	0.0	37.3





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.557 min Scan# 3158
Delta R.T. -0.006 min
Lab File: BP021980.D
Acq: 23 Sep 2024 13:11

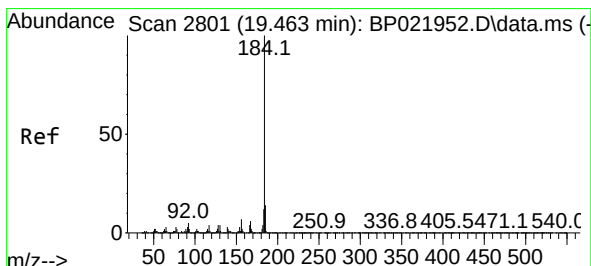
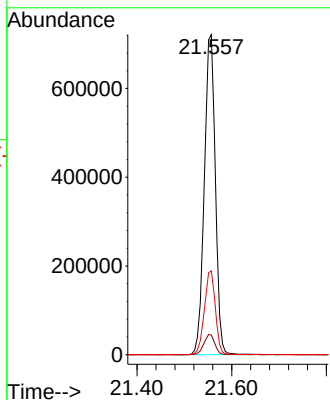
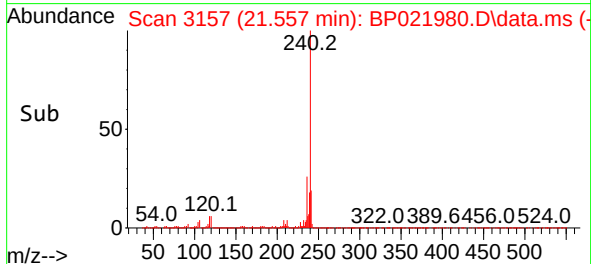
Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT2-2024



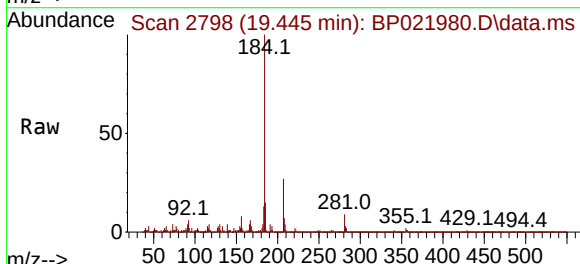
Tgt Ion:240 Resp: 116506
Ion Ratio Lower Upper
240 100
120 6.1 5.1 7.7
236 26.2 20.7 31.1

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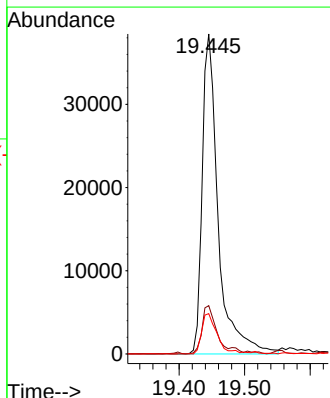
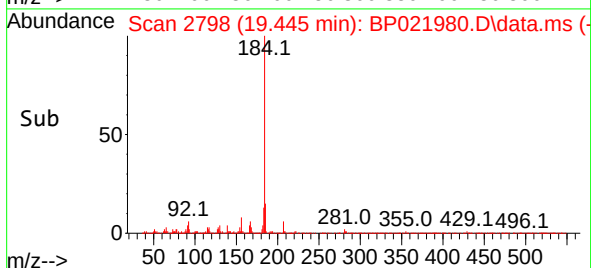
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024

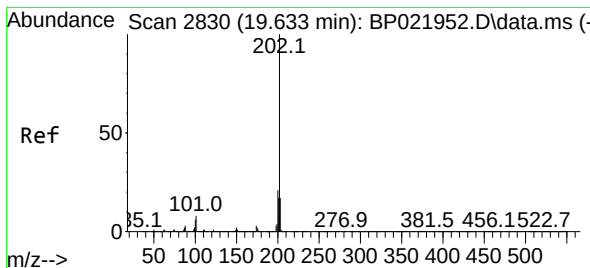


#77
Benzidine
Concen: 4.577 ng
RT: 19.445 min Scan# 2798
Delta R.T. -0.018 min
Lab File: BP021980.D
Acq: 23 Sep 2024 13:11



Tgt Ion:184 Resp: 65171
Ion Ratio Lower Upper
184 100
185 15.1 10.9 16.3
183 12.6 9.2 13.8





#78

Pyrene

Concen: 3.080 ng

RT: 19.622 min Scan# 21709

Delta R.T. -0.012 min

Lab File: BP021980.D

Acq: 23 Sep 2024 13:11

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT2-2024

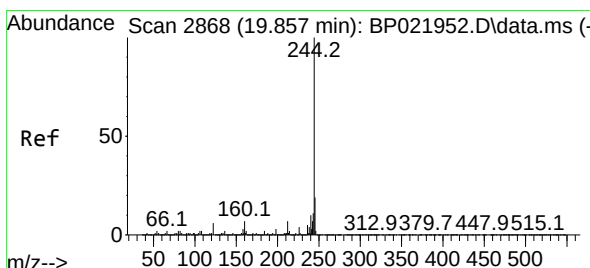
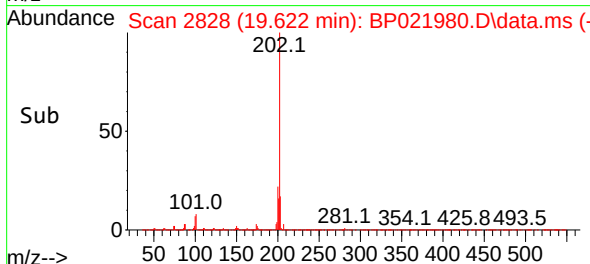
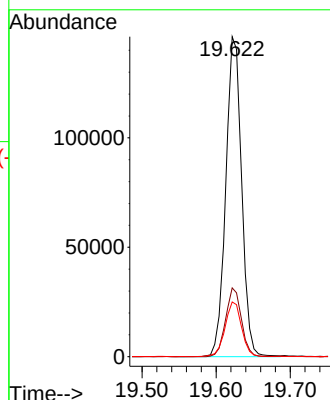
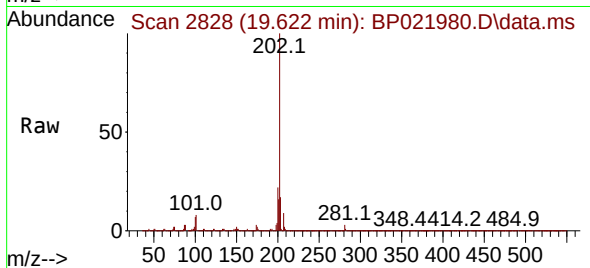
Tgt Ion:	202	Resp:	21709
Ion Ratio	Lower	Upper	
202	100		
200	21.5	16.8	25.2
203	17.1	13.8	20.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024



#79

Terphenyl-d14

Concen: 62.903 ng

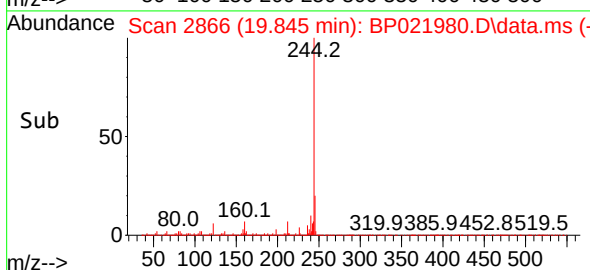
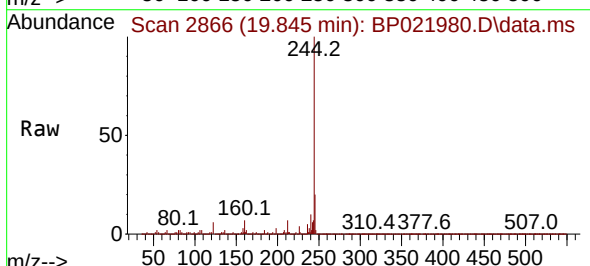
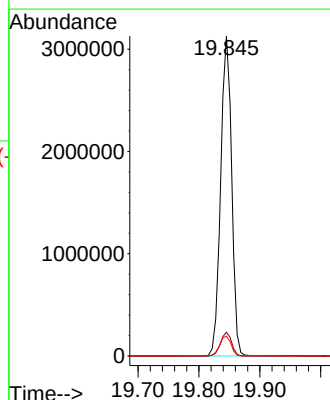
RT: 19.845 min Scan# 2866

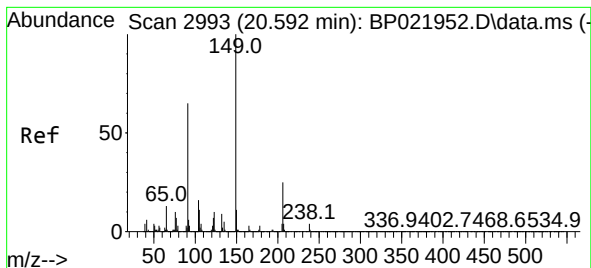
Delta R.T. -0.012 min

Lab File: BP021980.D

Acq: 23 Sep 2024 13:11

Tgt Ion:	244	Resp:	3901338
Ion Ratio	Lower	Upper	
244	100		
212	7.4	6.0	9.0
122	6.1	5.0	7.4





#80

Butylbenzylphthalate

Concen: 2.855 ng

RT: 20.580 min Scan# 2991

Delta R.T. -0.012 min

Lab File: BP021980.D

Acq: 23 Sep 2024 13:11

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT2-2024

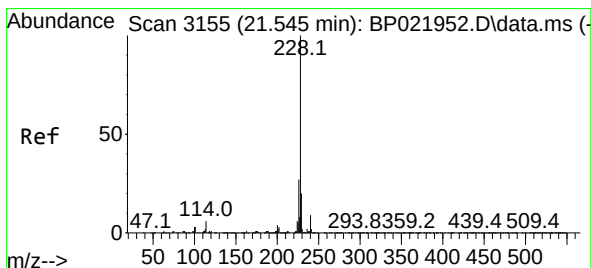
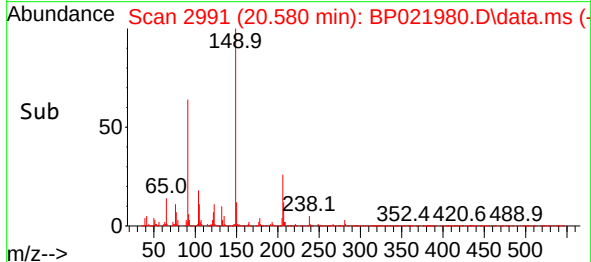
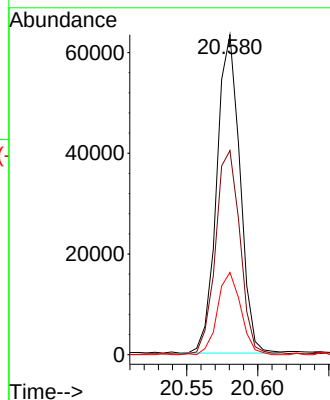
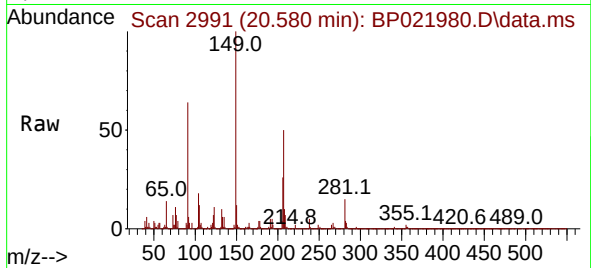
Tgt Ion:	149	Resp:	7176
Ion Ratio	Lower	Upper	
149	100		
91	63.8	51.9	77.9
206	25.7	20.1	30.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024



#81

Benzo(a)anthracene

Concen: 3.374 ng

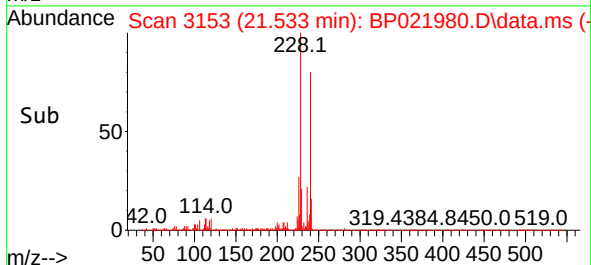
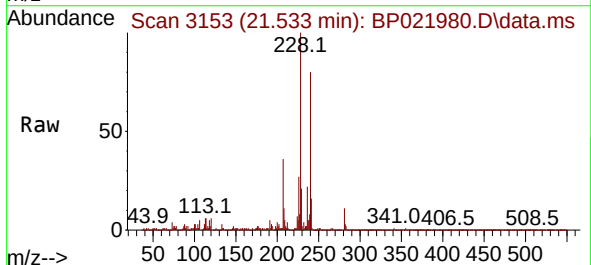
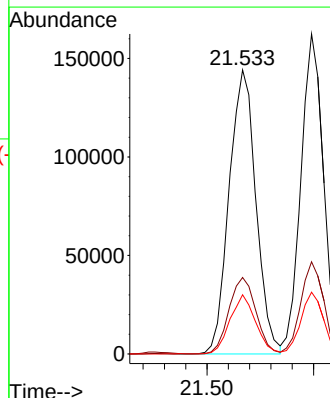
RT: 21.533 min Scan# 3153

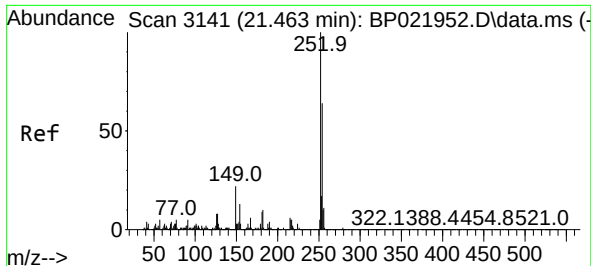
Delta R.T. -0.012 min

Lab File: BP021980.D

Acq: 23 Sep 2024 13:11

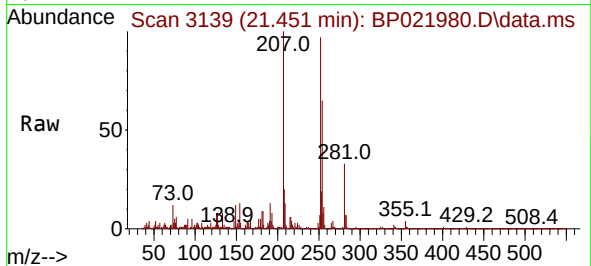
Tgt Ion:	228	Resp:	252617
Ion Ratio	Lower	Upper	
228	100		
226	26.9	21.5	32.3
229	20.8	15.7	23.5





#82
3,3'-Dichlorobenzidine
Concen: 2.989 ng
RT: 21.451 min Scan# 3141
Delta R.T. -0.012 min
Lab File: BP021980.D
Acq: 23 Sep 2024 13:11

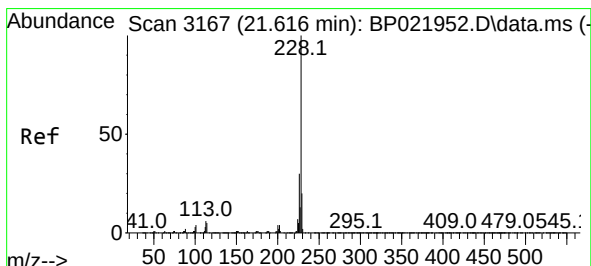
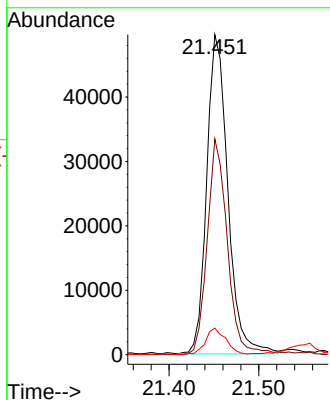
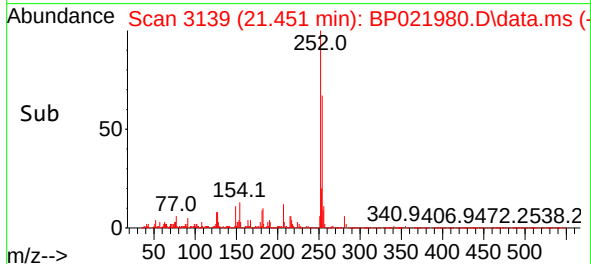
Instrument : BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2024



Tgt Ion:252 Resp: 8118
Ion Ratio Lower Upper
252 100
254 67.5 51.4 77.2
126 8.3 6.2 9.4

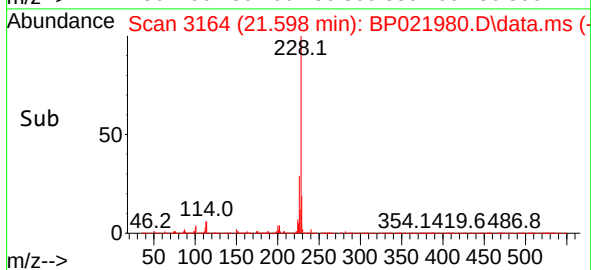
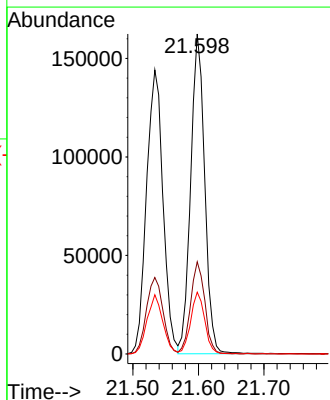
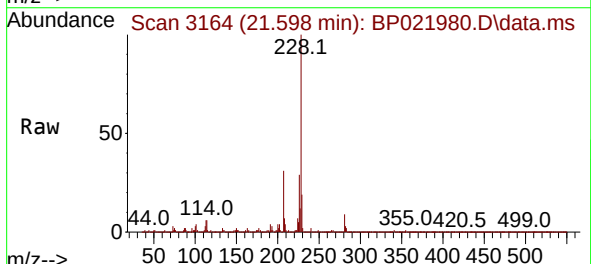
Manual Integrations
APPROVED

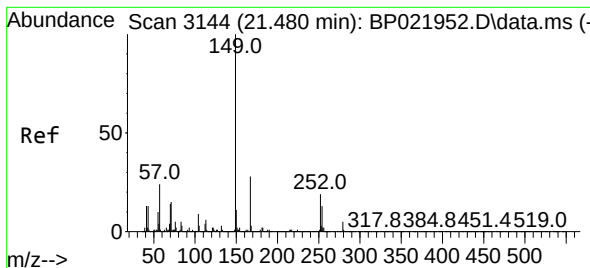
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#83
Chrysene
Concen: 3.428 ng
RT: 21.598 min Scan# 3164
Delta R.T. -0.018 min
Lab File: BP021980.D
Acq: 23 Sep 2024 13:11

Tgt Ion:228 Resp: 241633
Ion Ratio Lower Upper
228 100
226 28.8 24.2 36.4
229 19.3 15.7 23.5





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.966 ng

RT: 21.469 min Scan# 3142

Delta R.T. -0.012 min

Lab File: BP021980.D

Acq: 23 Sep 2024 13:11

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT2-2024

Tgt Ion:149 Resp: 109439

Ion Ratio Lower Upper

149 100

167 27.0 22.3 33.5

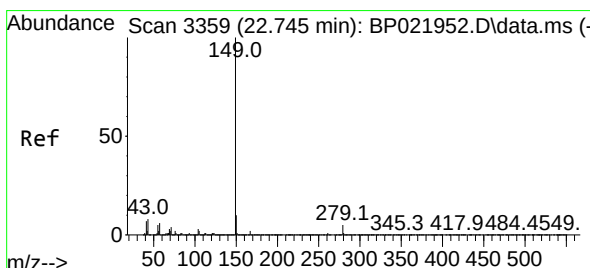
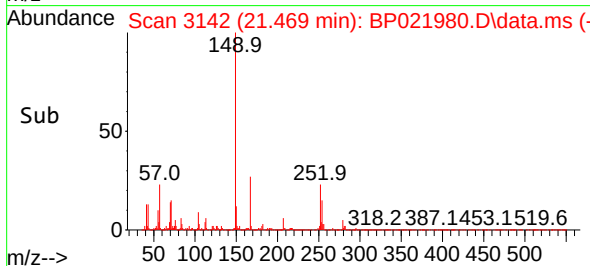
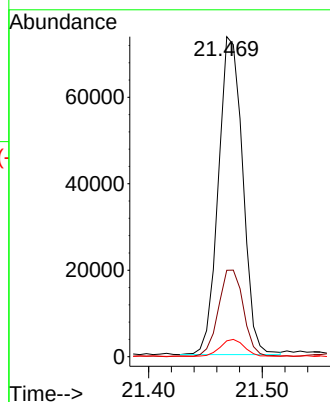
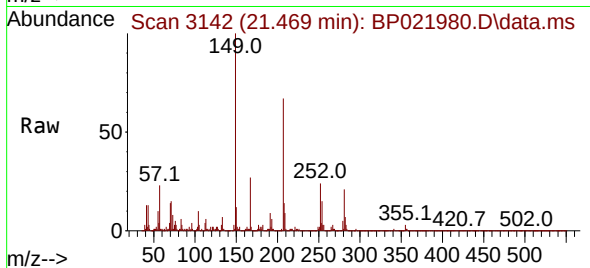
279 5.0 4.2 6.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024



#85

Di-n-octyl phthalate

Concen: 2.700 ng

RT: 22.727 min Scan# 3356

Delta R.T. -0.018 min

Lab File: BP021980.D

Acq: 23 Sep 2024 13:11

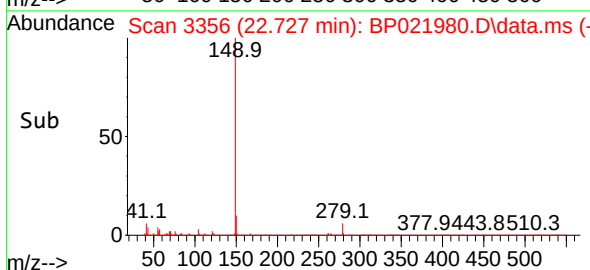
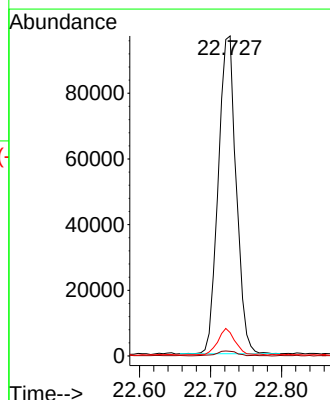
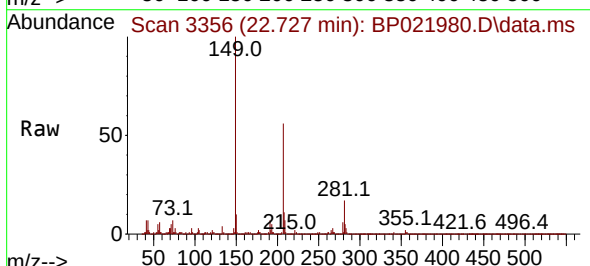
Tgt Ion:149 Resp: 169168

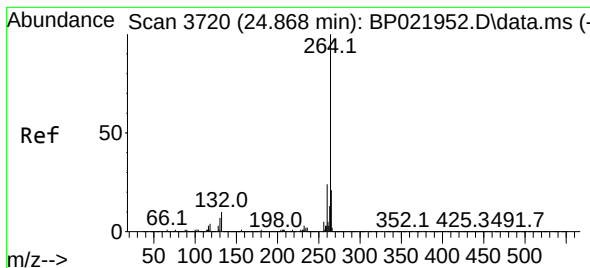
Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

43 8.5 6.2 9.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.845 min Scan# 31

Delta R.T. -0.023 min

Lab File: BP021980.D

Acq: 23 Sep 2024 13:11

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT2-2024

Tgt Ion:264 Resp: 135271

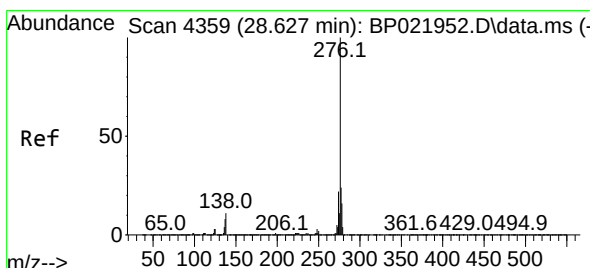
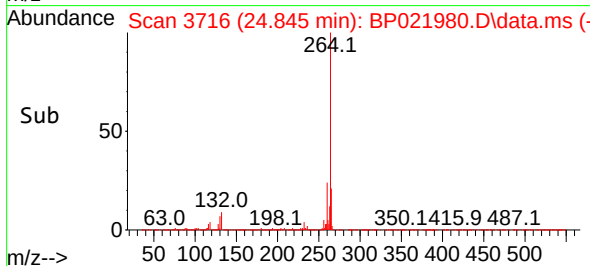
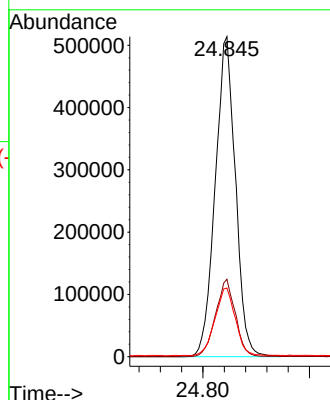
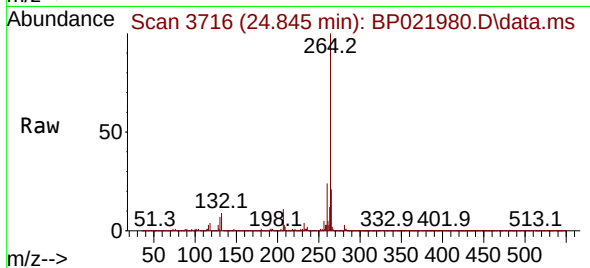
Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.9	28.3
265	21.4	17.5	26.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024



#87

Indeno(1,2,3-cd)pyrene

Concen: 3.340 ng

RT: 28.562 min Scan# 4348

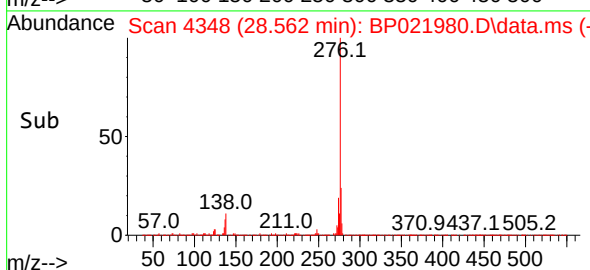
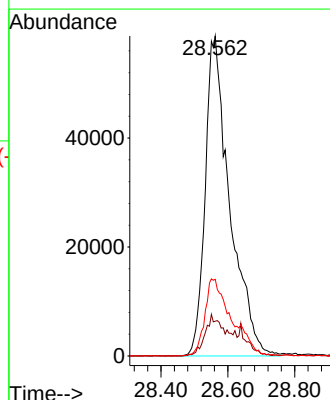
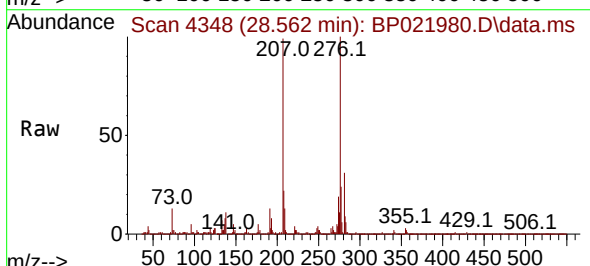
Delta R.T. -0.065 min

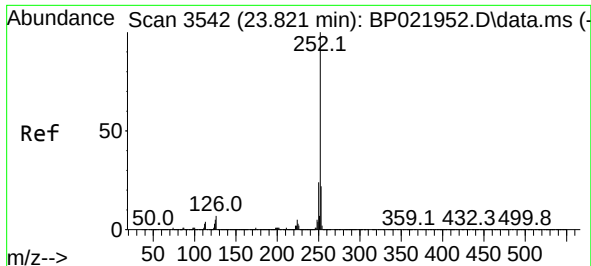
Lab File: BP021980.D

Acq: 23 Sep 2024 13:11

Tgt Ion:276 Resp: 300513

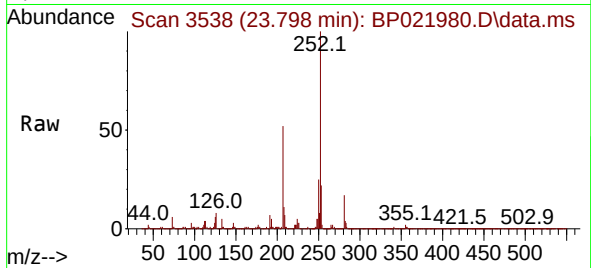
Ion	Ratio	Lower	Upper
276	100		
138	11.5	7.8	11.8
277	26.1	20.5	30.7





#88
Benzo(b)fluoranthene
Concen: 3.158 ng m
RT: 23.798 min Scan# 3538
Delta R.T. -0.023 min
Lab File: BP021980.D
Acq: 23 Sep 2024 13:11

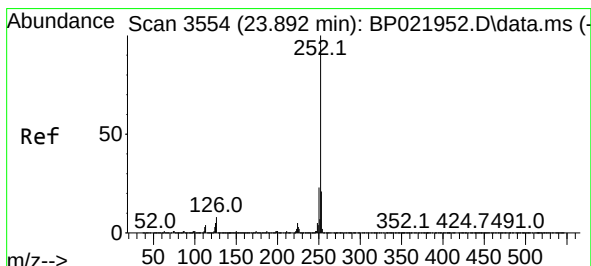
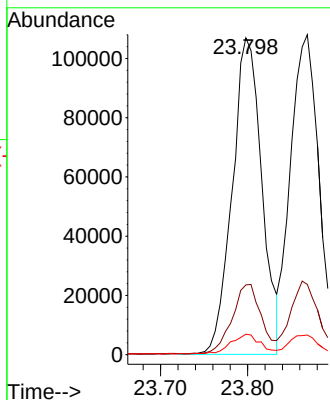
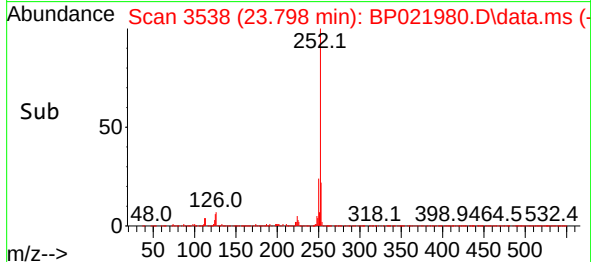
Instrument : BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2024



Tgt Ion:252 Resp: 252640
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 6.4 4.2 6.2

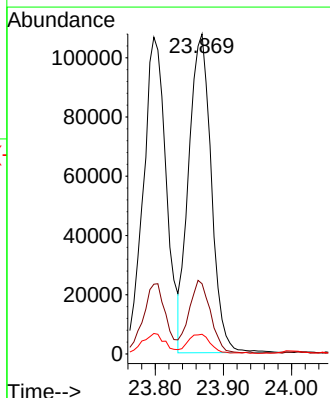
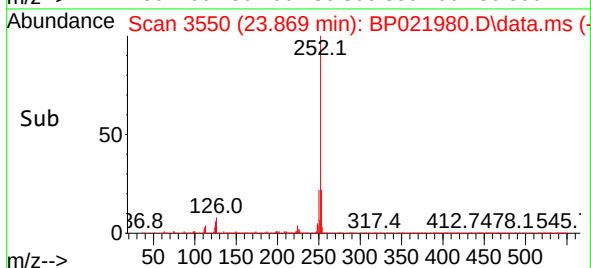
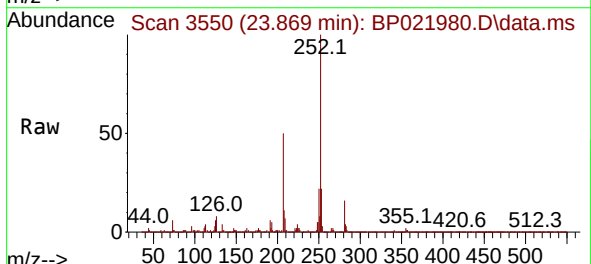
Manual Integrations
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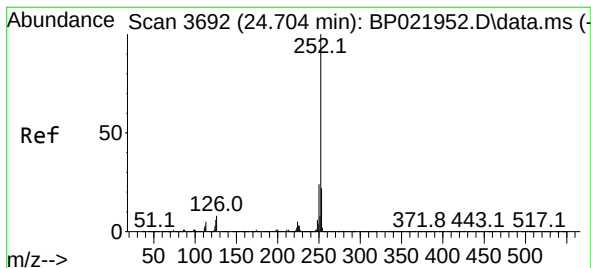
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#89
Benzo(k)fluoranthene
Concen: 3.260 ng
RT: 23.869 min Scan# 3550
Delta R.T. -0.023 min
Lab File: BP021980.D
Acq: 23 Sep 2024 13:11

Tgt Ion:252 Resp: 246777
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.6
125 6.2 4.3 6.5





#90

Benzo(a)pyrene

Concen: 3.279 ng

RT: 24.680 min Scan# 30

Delta R.T. -0.023 min

Lab File: BP021980.D

Acq: 23 Sep 2024 13:11

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT2-2024

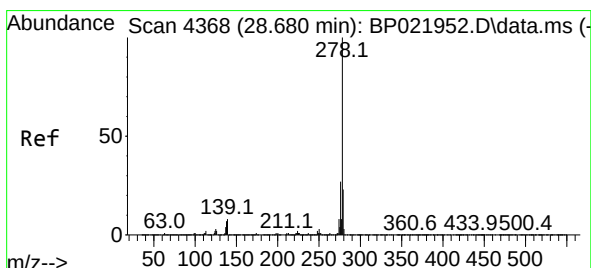
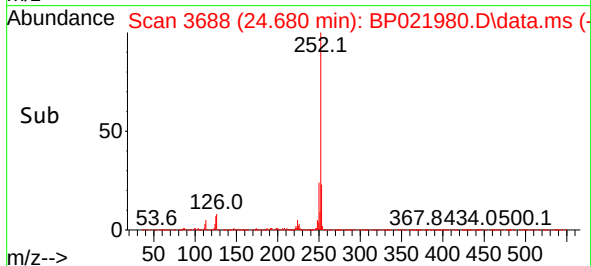
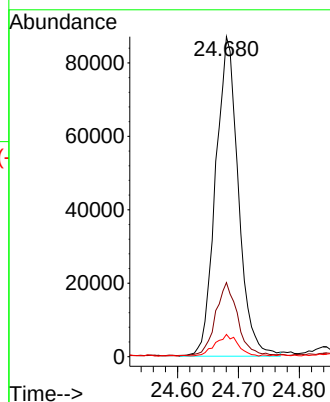
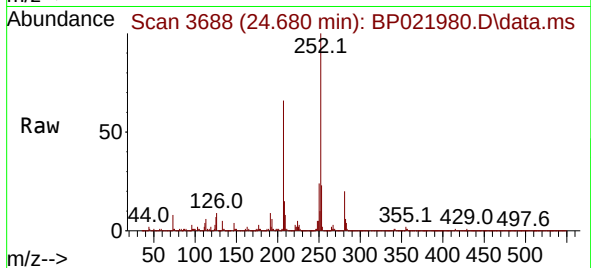
Tgt Ion:252	Resp: 22600
Ion Ratio	Lower Upper
252 100	
253 23.2	17.6 26.4
125 7.0	5.0 7.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024



#91

Dibenzo(a,h)anthracene

Concen: 3.352 ng

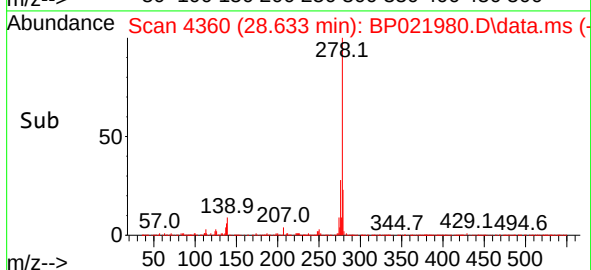
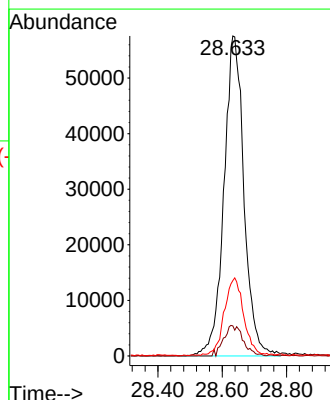
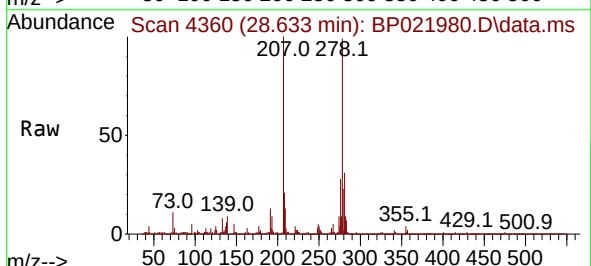
RT: 28.633 min Scan# 4360

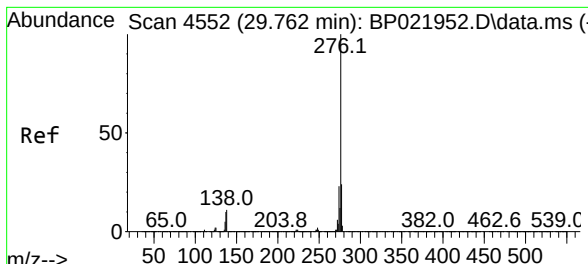
Delta R.T. -0.047 min

Lab File: BP021980.D

Acq: 23 Sep 2024 13:11

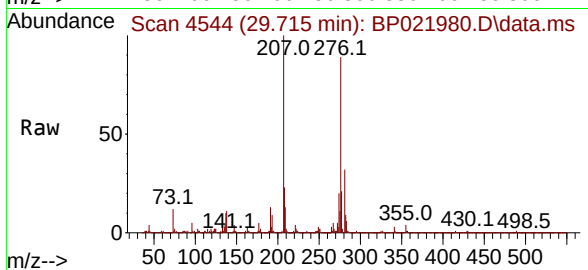
Tgt Ion:278	Resp: 248918
Ion Ratio	Lower Upper
278 100	
139 9.4	6.6 10.0
279 23.5	18.8 28.2





#92
 Benzo(g,h,i)perylene
 Concen: 3.065 ng
 RT: 29.715 min Scan# 4544
 Delta R.T. -0.047 min
 Lab File: BP021980.D
 Acq: 23 Sep 2024 13:11

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



Tgt Ion:	276	Resp:	233090
Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.3	28.9
138	12.8	9.2	13.8

Manual Integrations
 APPROVED

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

