

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092024\
 Data File : BP021964.D
 Acq On : 20 Sep 2024 12:30
 Operator : RC/JU
 Sample : P2403-08
 Misc : LOQ--WATER- 5 ppm
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOQ-WATER-02-QT2-2024

Quant Time: Sep 20 12:56:09 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

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
 Supervised By :mohammad ahmed 09/24/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	79490	20.000	ng	0.00
21) Naphthalene-d8	10.475	136	291106	20.000	ng	0.00
39) Acenaphthene-d10	14.328	164	210937	20.000	ng	0.00
64) Phenanthrene-d10	17.128	188	509035	20.000	ng	-0.01
76) Chrysene-d12	21.557	240	637489	20.000	ng	0.00
86) Perylene-d12	24.845	264	783960	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	489365	115.694	ng	0.00
7) Phenol-d6	6.893	99	623145	113.483	ng	0.00
23) Nitrobenzene-d5	8.852	82	478501	86.975	ng	0.00
42) 2,4,6-Tribromophenol	15.845	330	497946	127.335	ng	-0.01
45) 2-Fluorobiphenyl	12.940	172	1248303	86.387	ng	0.00
79) Terphenyl-d14	19.851	244	2714648	79.992	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.258	88	9053	5.154	ng	98
3) Pyridine	3.664	79	18661	3.984	ng	97
4) n-Nitrosodimethylamine	3.564	42	11900	4.816	ng	# 96
6) Aniline	7.052	93	27434	5.686	ng	99
8) 2-Chlorophenol	7.287	128	21741	4.807	ng	93
9) Benzaldehyde	6.869	77	21939	7.641	ng	97
10) Phenol	6.922	94	25409	4.659	ng	96
11) bis(2-Chloroethyl)ether	7.146	93	19682	4.791	ng	95
12) 1,3-Dichlorobenzene	7.610	146	26348	4.614	ng	97
13) 1,4-Dichlorobenzene	7.752	146	27416	4.734	ng	95
14) 1,2-Dichlorobenzene	8.063	146	25501	4.588	ng	99
15) Benzyl Alcohol	7.952	79	19058	4.526	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.228	45	22562	5.149	ng	95
17) 2-Methylphenol	8.152	107	16013	4.346	ng	97
18) Hexachloroethane	8.781	117	10215	4.797	ng	92
19) n-Nitroso-di-n-propyla...	8.504	70	15992	4.686	ng	99
20) 3+4-Methylphenols	8.475	107	22089	4.247	ng	95
22) Acetophenone	8.522	105	34934	4.919	ng	# 94
24) Nitrobenzene	8.893	77	28553	5.111	ng	95
25) Isophorone	9.422	82	42635	4.701	ng	97
26) 2-Nitrophenol	9.604	139	9887	4.047	ng	98
27) 2,4-Dimethylphenol	9.663	122	12835	4.538	ng	99
28) bis(2-Chloroethoxy)met...	9.893	93	25567	4.701	ng	# 96
29) 2,4-Dichlorophenol	10.128	162	20122	4.191	ng	94
30) 1,2,4-Trichlorobenzene	10.340	180	27977	4.678	ng	96
31) Naphthalene	10.528	128	69025	4.752	ng	100
32) Benzoic acid	9.734	122	11623m	3.515	ng	
33) 4-Chloroaniline	10.634	127	25529	4.872	ng	96
34) Hexachlorobutadiene	10.822	225	21042	4.498	ng	95
35) Caprolactam	11.404	113	5528	3.869	ng	86
36) 4-Chloro-3-methylphenol	11.763	107	20889	4.055	ng	93
37) 2-Methylnaphthalene	12.140	142	48088	4.525	ng	94
38) 1-Methylnaphthalene	12.357	142	45883	4.373	ng	97
40) 1,2,4,5-Tetrachloroben...	12.510	216	37035	5.018	ng	97
41) Hexachlorocyclopentadiene	12.493	237	15555	5.673	ng	94
43) 2,4,6-Trichlorophenol	12.751	196	18409	4.064	ng	96

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Instrument :
 BNA_P
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 LOQ-WATER-02-QT2-2024

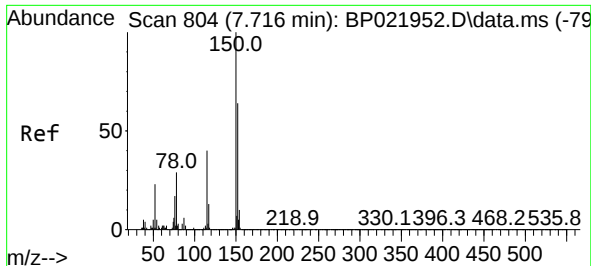
Quant Time: Sep 20 12:56:09 2024
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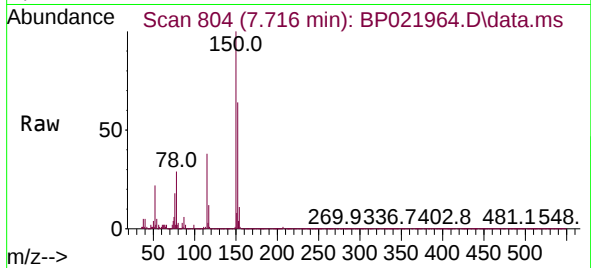
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.822	196	20989	4.131	ng	97
46) 1,1'-Biphenyl	13.151	154	74402	5.173	ng	98
47) 2-Chloronaphthalene	13.192	162	55209	4.747	ng	97
48) 2-Nitroaniline	13.398	65	12843	4.044	ng	96
49) Acenaphthylene	14.051	152	82421	5.023	ng	96
50) Dimethylphthalate	13.781	163	73587	4.810	ng	97
51) 2,6-Dinitrotoluene	13.892	165	14200	4.165	ng	97
52) Acenaphthene	14.398	154	49129	4.600	ng	98
53) 3-Nitroaniline	14.234	138	11607	3.820	ng	95
54) 2,4-Dinitrophenol	14.445	184	5981	2.994	ng	94
55) Dibenzofuran	14.734	168	89003	4.958	ng	98
56) 4-Nitrophenol	14.563	139	9309	3.520	ng	# 87
57) 2,4-Dinitrotoluene	14.692	165	18131	3.762	ng	# 94
58) Fluorene	15.392	166	66713	4.450	ng	96
59) 2,3,4,6-Tetrachlorophenol	14.963	232	21913	4.468	ng	97
60) Diethylphthalate	15.175	149	73510	4.728	ng	99
61) 4-Chlorophenyl-phenyle...	15.386	204	40943	4.691	ng	95
62) 4-Nitroaniline	15.404	138	11915	3.566	ng	96
63) Azobenzene	15.681	77	59405	4.618	ng	97
65) 4,6-Dinitro-2-methylph...	15.475	198	10812	3.664	ng	93
66) n-Nitrosodiphenylamine	15.610	169	60913	4.806	ng	96
67) 4-Bromophenyl-phenylether	16.304	248	27821	4.688	ng	98
68) Hexachlorobenzene	16.416	284	35371	4.781	ng	98
69) Atrazine	16.592	200	24373	5.367	ng	95
70) Pentachlorophenol	16.775	266	18723	3.762	ng	95
71) Phenanthrene	17.175	178	118315	4.842	ng	99
72) Anthracene	17.269	178	115385	4.878	ng	98
73) Carbazole	17.539	167	100840	4.414	ng	100
74) Di-n-butylphthalate	18.139	149	113321	4.223	ng	97
75) Fluoranthene	19.251	202	150358	4.408	ng	100
77) Benzidine	19.457	184	66093	8.484	ng	100
78) Pyrene	19.633	202	161012	4.175	ng	99
80) Butylbenzylphthalate	20.586	149	52926	3.848	ng	97
81) Benzo(a)anthracene	21.539	228	194166	4.740	ng	99
82) 3,3'-Dichlorobenzidine	21.457	252	64355	4.330	ng	98
83) Chrysene	21.604	228	179734	4.660	ng	99
84) Bis(2-ethylhexyl)phtha...	21.474	149	84522	4.187	ng	97
85) Di-n-octyl phthalate	22.727	149	135555	3.954	ng	98
87) Indeno(1,2,3-cd)pyrene	28.580	276	249495	4.785	ng	# 91
88) Benzo(b)fluoranthene	23.798	252	204264	4.406	ng	99
89) Benzo(k)fluoranthene	23.868	252	202083	4.606	ng	99
90) Benzo(a)pyrene	24.686	252	184714	4.625	ng	99
91) Dibenzo(a,h)anthracene	28.650	278	204902	4.761	ng	96
92) Benzo(g,h,i)perylene	29.727	276	193130	4.381	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.716 min Scan# 804
Delta R.T. 0.000 min
Lab File: BP021964.D
Acq: 20 Sep 2024 12:30

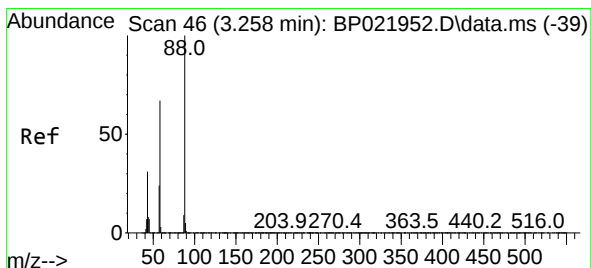
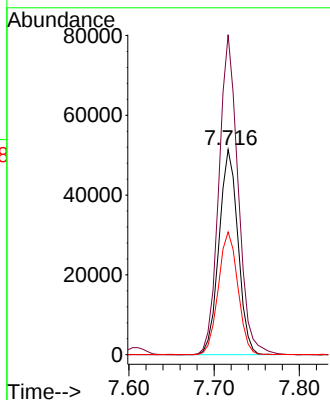
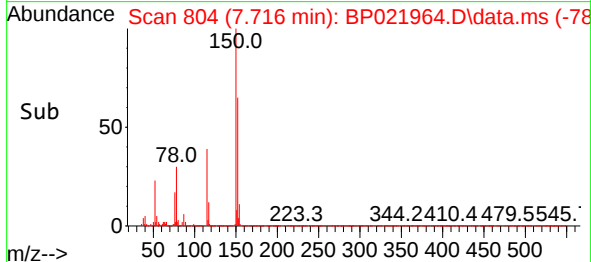
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion:152 Resp: 79490
Ion Ratio Lower Upper
152 100
150 156.0 124.2 186.2
115 59.8 49.2 73.8

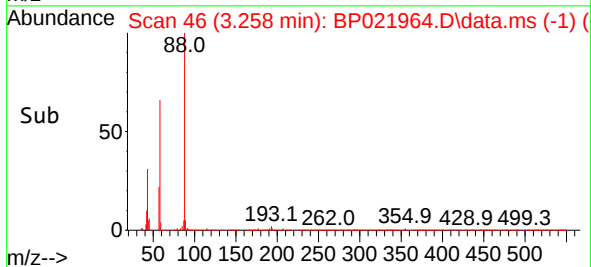
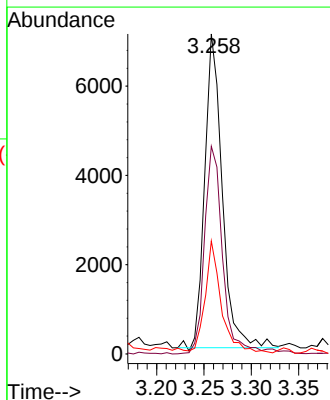
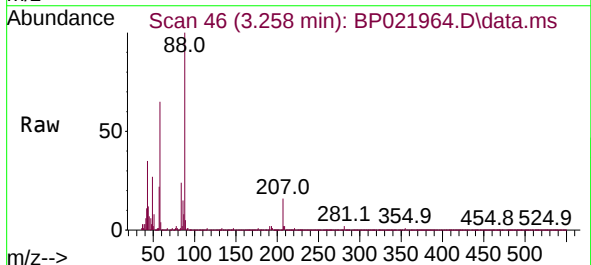
Manual Integrations
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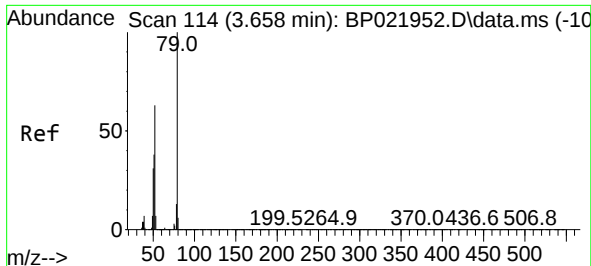
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#2
1,4-Dioxane
Concen: 5.154 ng
RT: 3.258 min Scan# 46
Delta R.T. -0.000 min
Lab File: BP021964.D
Acq: 20 Sep 2024 12:30

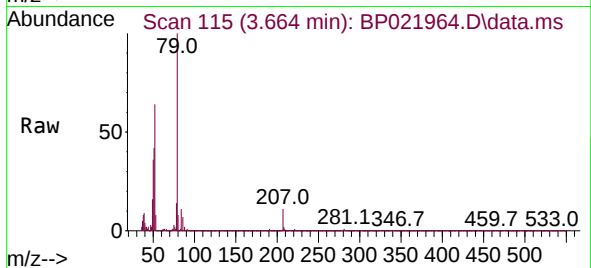
Tgt Ion: 88 Resp: 9053
Ion Ratio Lower Upper
88 100
58 69.2 53.8 80.6
43 32.8 25.2 37.8





#3
Pyridine
Concen: 3.984 ng
RT: 3.664 min Scan# 114
Delta R.T. 0.006 min
Lab File: BP021964.D
Acq: 20 Sep 2024 12:30

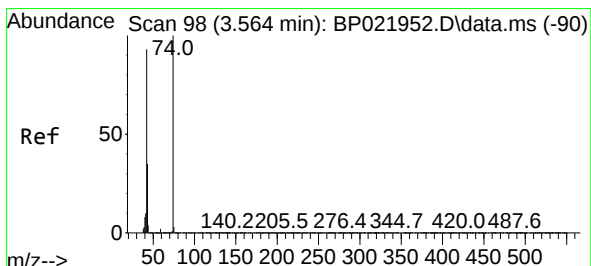
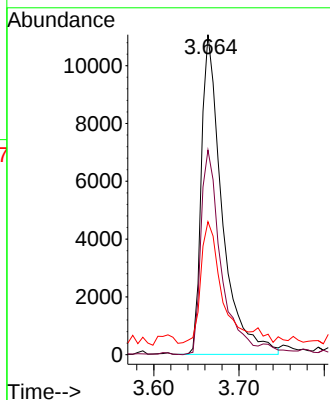
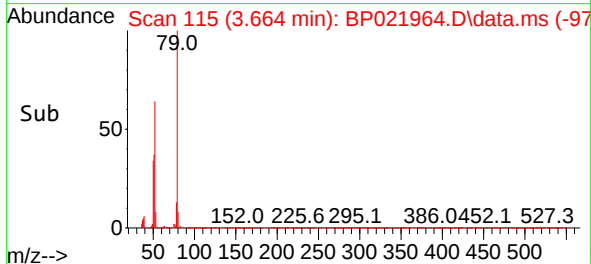
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion: 79 Resp: 1866
Ion Ratio Lower Upper
79 100
52 63.9 50.3 75.5
51 41.6 30.9 46.3

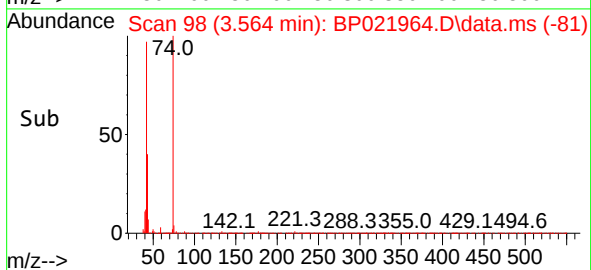
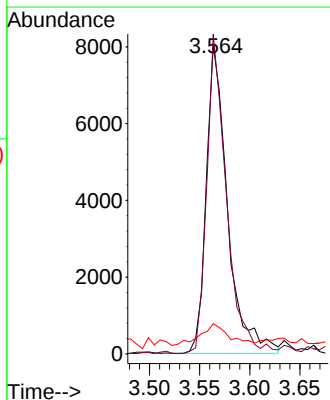
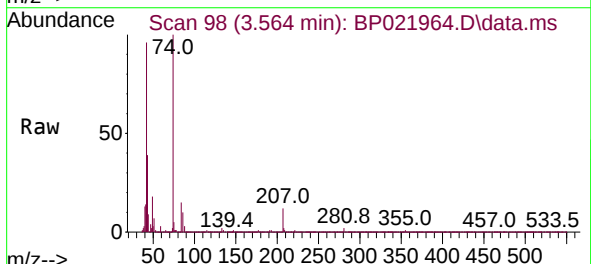
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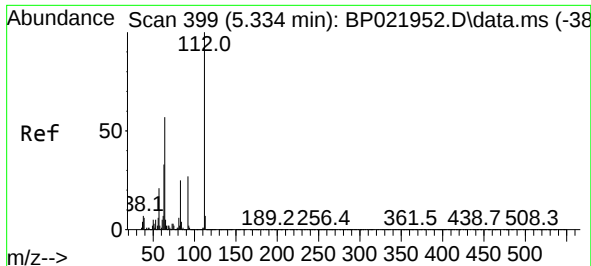
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#4
n-Nitrosodimethylamine
Concen: 4.816 ng
RT: 3.564 min Scan# 98
Delta R.T. 0.000 min
Lab File: BP021964.D
Acq: 20 Sep 2024 12:30

Tgt Ion: 42 Resp: 11900
Ion Ratio Lower Upper
42 100
74 103.8 86.3 129.5
44 9.8 4.0 6.0





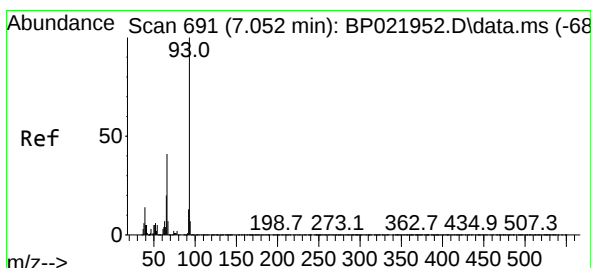
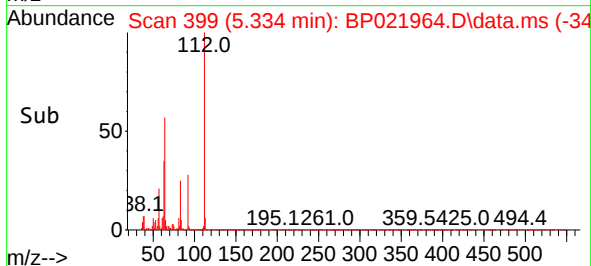
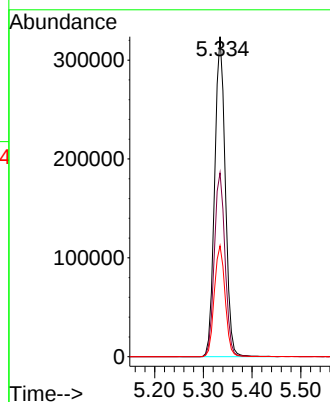
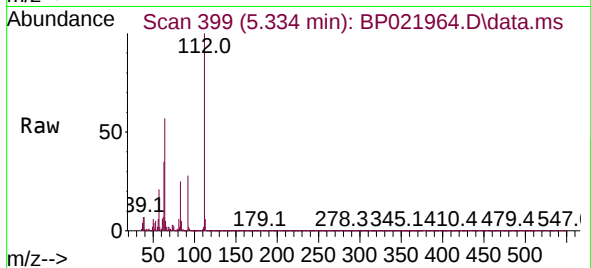
#5
2-Fluorophenol
Concen: 115.694 ng
RT: 5.334 min Scan# 399
Delta R.T. 0.000 min
Lab File: BP021964.D
Acq: 20 Sep 2024 12:30

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2024

Tgt Ion:112 Resp: 48936
Ion Ratio Lower Upper
112 100
64 57.5 45.4 68.0
63 34.7 26.6 39.8

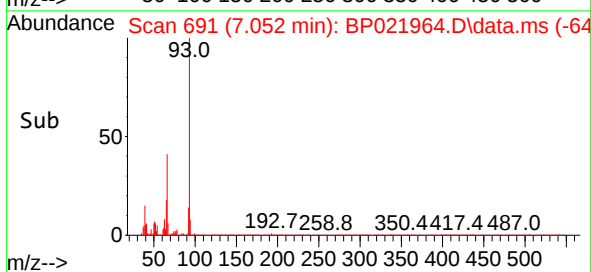
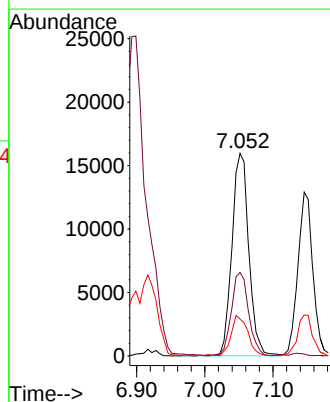
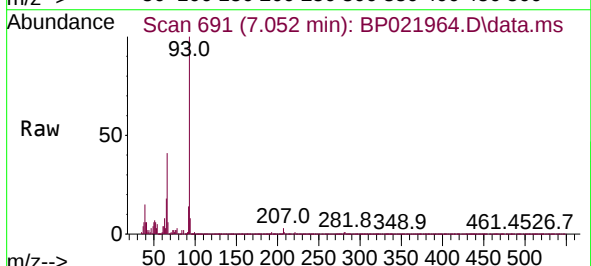
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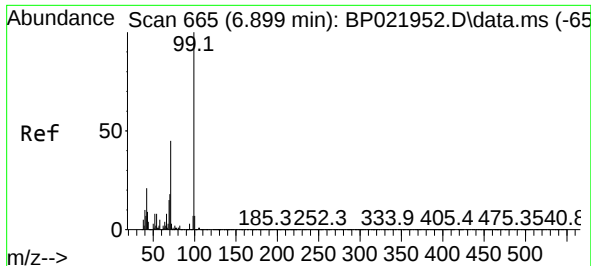
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#6
Aniline
Concen: 5.686 ng
RT: 7.052 min Scan# 691
Delta R.T. 0.000 min
Lab File: BP021964.D
Acq: 20 Sep 2024 12:30

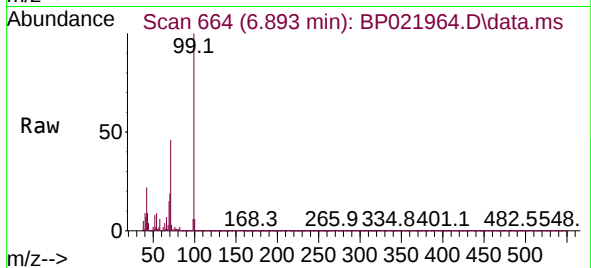
Tgt Ion: 93 Resp: 27434
Ion Ratio Lower Upper
93 100
66 41.2 33.0 49.4
65 18.2 16.1 24.1





#7
Phenol-d6
Concen: 113.483 ng
RT: 6.893 min Scan# 611
Delta R.T. -0.006 min
Lab File: BP021964.D
Acq: 20 Sep 2024 12:30

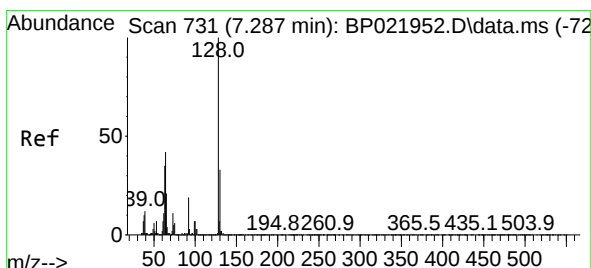
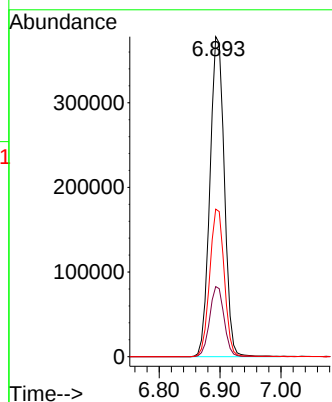
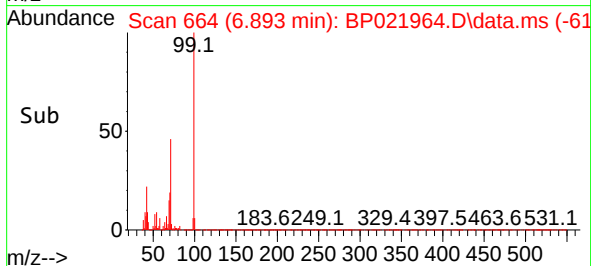
Instrument :
BNA_P
ClientSampleId :
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Tgt Ion: 99 Resp: 62314
Ion Ratio Lower Upper
99 100
42 21.9 16.8 25.2
71 46.1 35.8 53.6

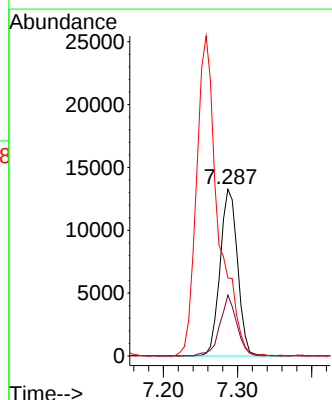
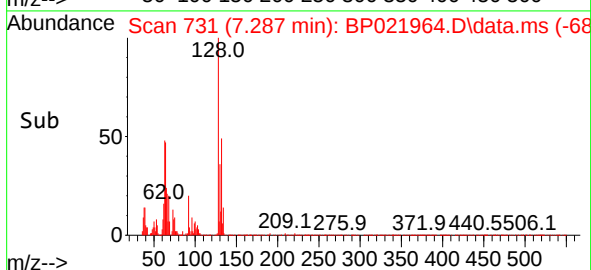
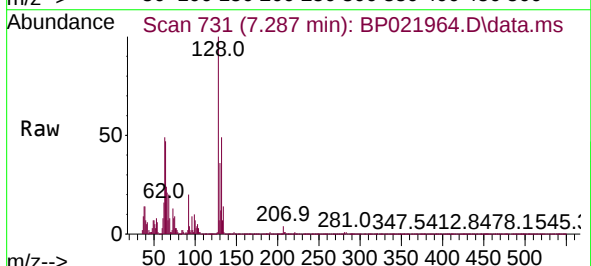
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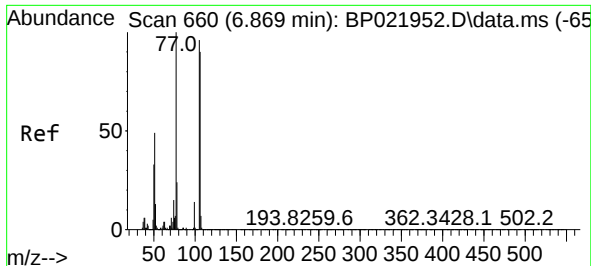
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#8
2-Chlorophenol
Concen: 4.807 ng
RT: 7.287 min Scan# 731
Delta R.T. 0.000 min
Lab File: BP021964.D
Acq: 20 Sep 2024 12:30

Tgt Ion:128 Resp: 21741
Ion Ratio Lower Upper
128 100
130 36.5 13.1 53.1
64 46.9 22.1 62.1





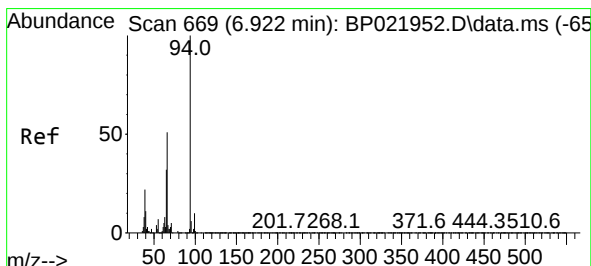
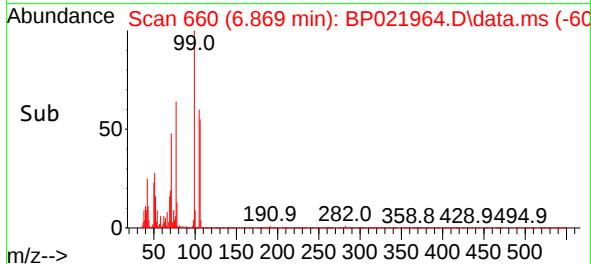
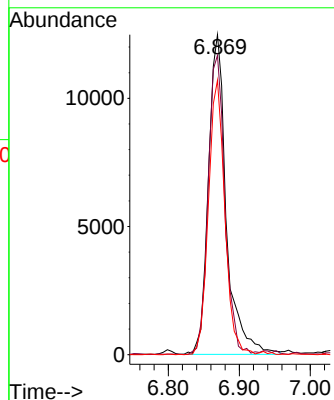
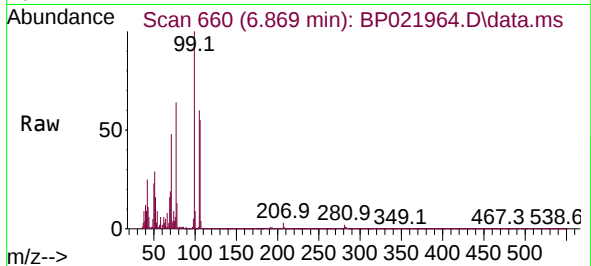
#9
Benzaldehyde
Concen: 7.641 ng
RT: 6.869 min Scan# 660
Delta R.T. 0.000 min
Lab File: BP021964.D
Acq: 20 Sep 2024 12:30

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2024

Tgt Ion: 77 Resp: 21939
Ion Ratio Lower Upper
77 100
105 93.6 76.1 116.1
106 85.8 69.9 109.9

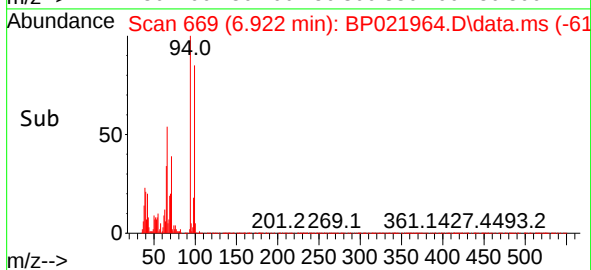
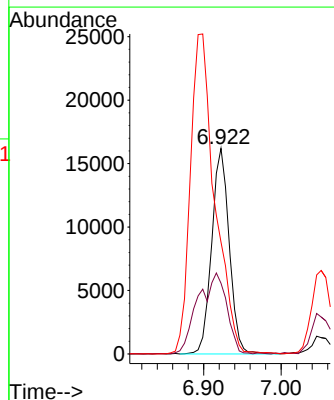
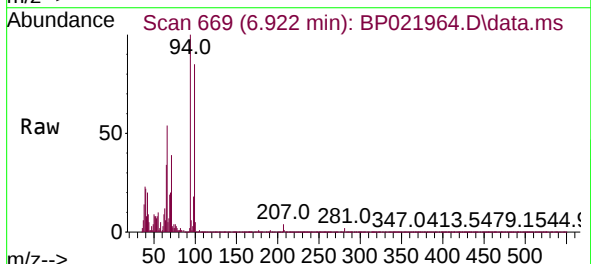
Manual Integrations
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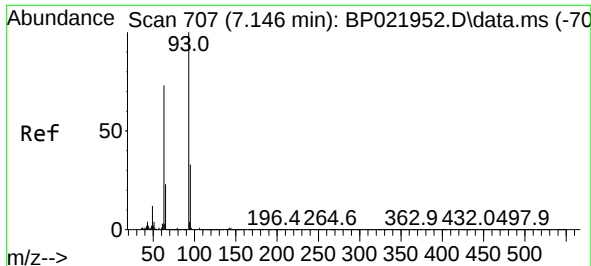
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#10
Phenol
Concen: 4.659 ng
RT: 6.922 min Scan# 669
Delta R.T. 0.000 min
Lab File: BP021964.D
Acq: 20 Sep 2024 12:30

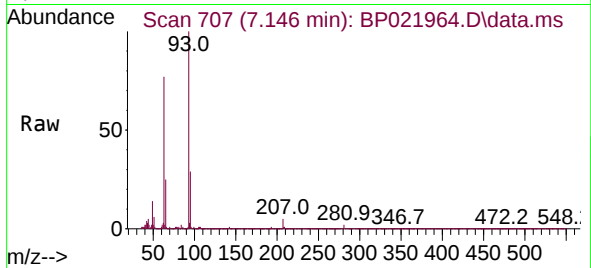
Tgt Ion: 94 Resp: 25409
Ion Ratio Lower Upper
94 100
65 34.4 12.5 52.5
66 54.4 31.2 71.2





#11
bis(2-Chloroethyl)ether
Concen: 4.791 ng
RT: 7.146 min Scan# 707
Delta R.T. 0.000 min
Lab File: BP021964.D
Acq: 20 Sep 2024 12:30

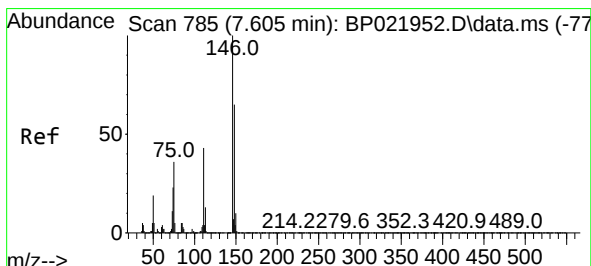
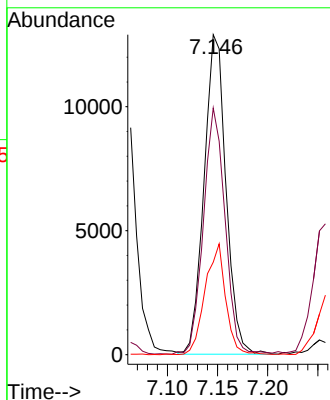
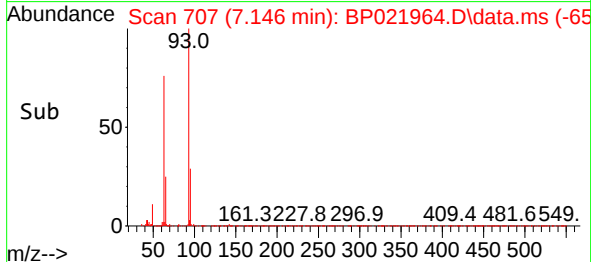
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2024



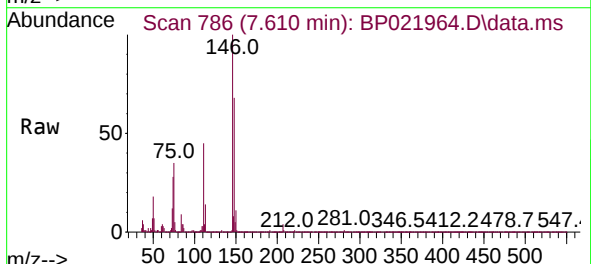
Tgt Ion: 93 Resp: 1968
Ion Ratio Lower Upper
93 100
63 77.1 53.0 93.0
95 28.9 12.4 52.4

Manual Integrations
APPROVED

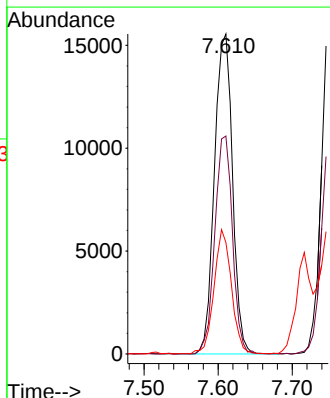
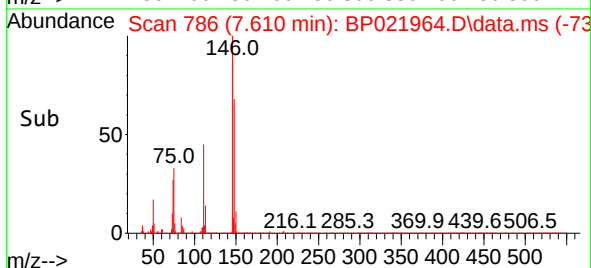
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024

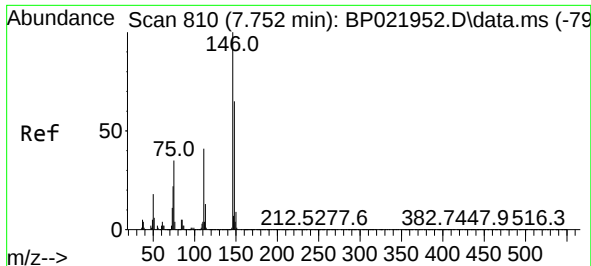


#12
1,3-Dichlorobenzene
Concen: 4.614 ng
RT: 7.610 min Scan# 786
Delta R.T. 0.006 min
Lab File: BP021964.D
Acq: 20 Sep 2024 12:30



Tgt Ion:146 Resp: 26348
Ion Ratio Lower Upper
146 100
148 68.1 52.3 78.5
75 34.9 29.0 43.6





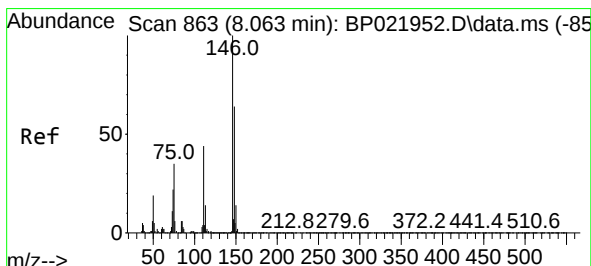
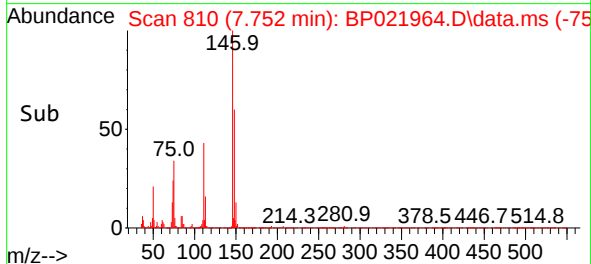
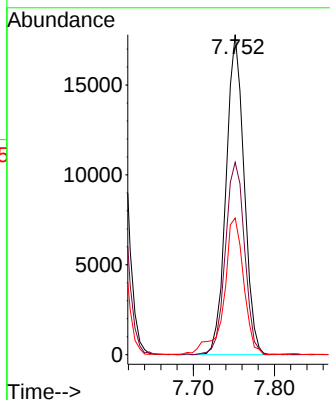
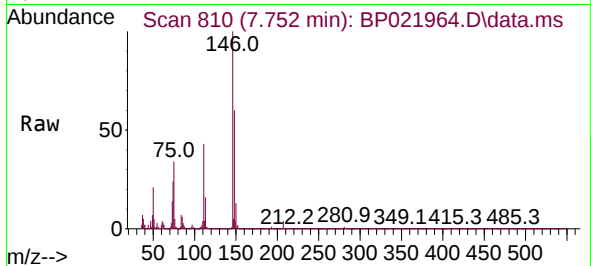
#13
1,4-Dichlorobenzene
Concen: 4.734 ng
RT: 7.752 min Scan# 810
Delta R.T. 0.000 min
Lab File: BP021964.D
Acq: 20 Sep 2024 12:30

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2024

Tgt Ion:146 Resp: 27410
Ion Ratio Lower Upper
146 100
148 60.1 52.2 78.4
111 42.7 32.6 48.8

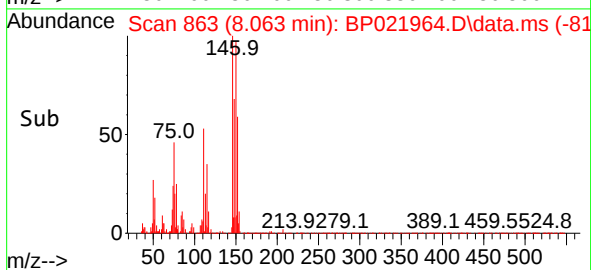
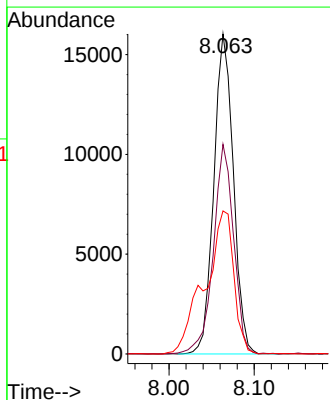
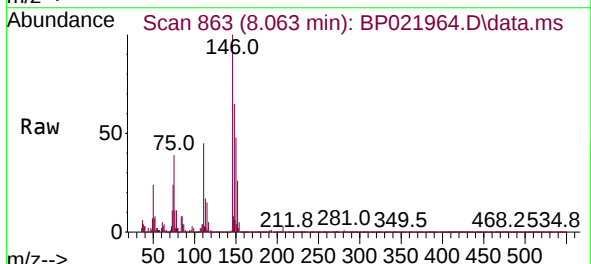
Manual Integrations
APPROVED

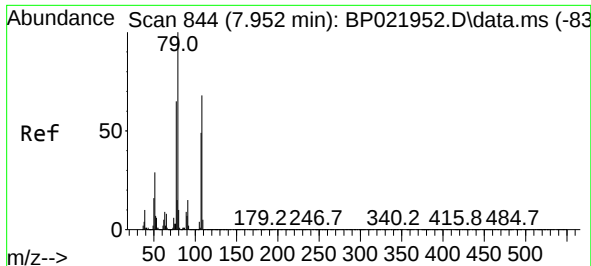
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#14
1,2-Dichlorobenzene
Concen: 4.588 ng
RT: 8.063 min Scan# 863
Delta R.T. 0.000 min
Lab File: BP021964.D
Acq: 20 Sep 2024 12:30

Tgt Ion:146 Resp: 25501
Ion Ratio Lower Upper
146 100
148 65.5 51.3 76.9
111 44.7 35.6 53.4





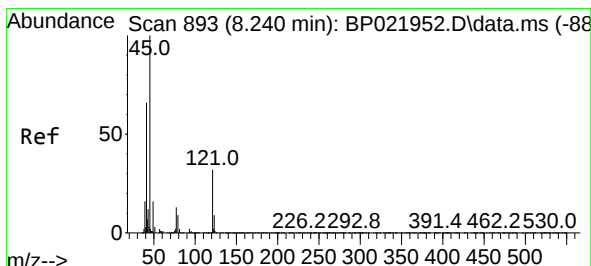
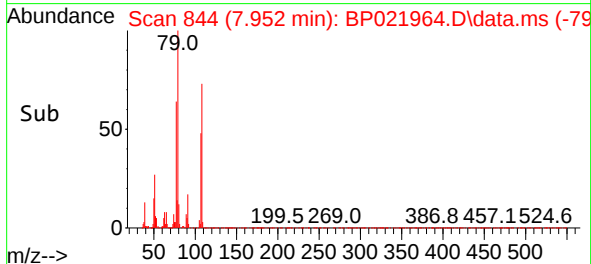
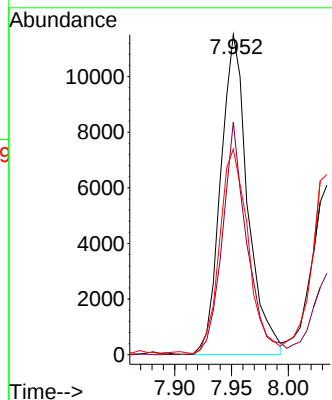
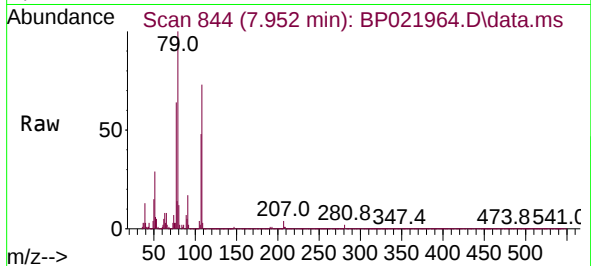
#15
Benzyl Alcohol
Concen: 4.526 ng
RT: 7.952 min Scan# 844
Delta R.T. 0.000 min
Lab File: BP021964.D
Acq: 20 Sep 2024 12:30

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2024

Tgt Ion: 79 Resp: 19058
Ion Ratio Lower Upper
79 100
108 72.7 54.7 82.1
77 64.2 51.8 77.8

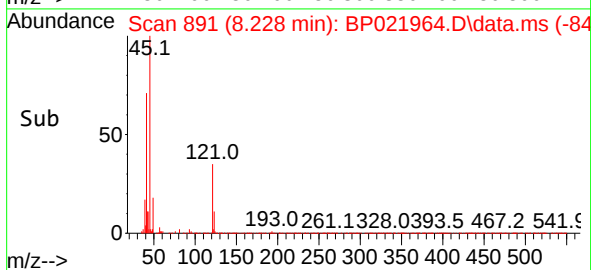
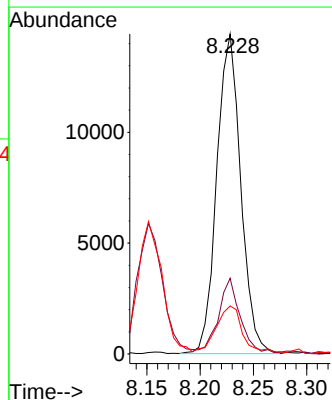
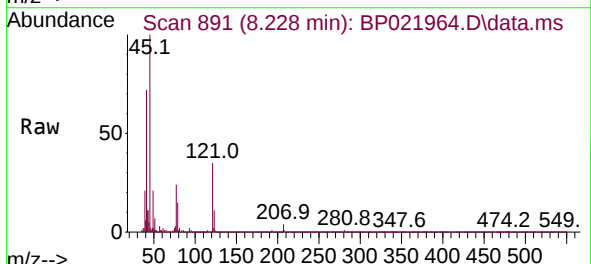
Manual Integrations
APPROVED

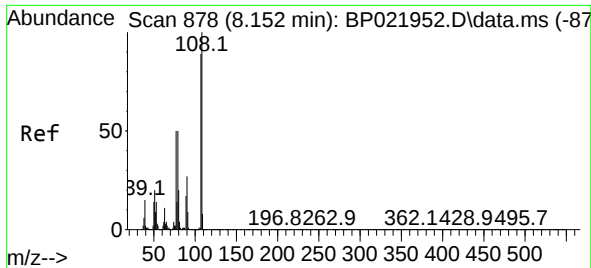
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.149 ng
RT: 8.228 min Scan# 891
Delta R.T. -0.012 min
Lab File: BP021964.D
Acq: 20 Sep 2024 12:30

Tgt Ion: 45 Resp: 22562
Ion Ratio Lower Upper
45 100
77 23.7 0.0 39.5
79 15.0 0.0 34.9





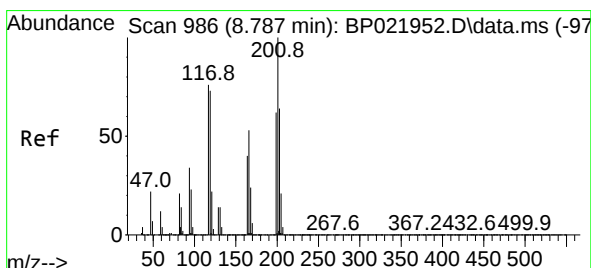
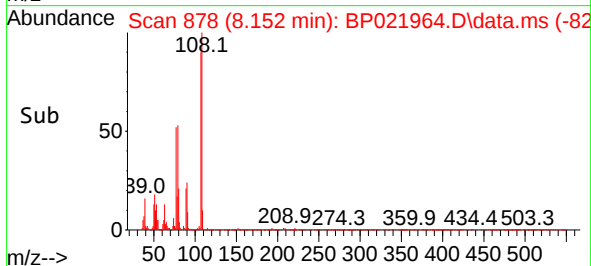
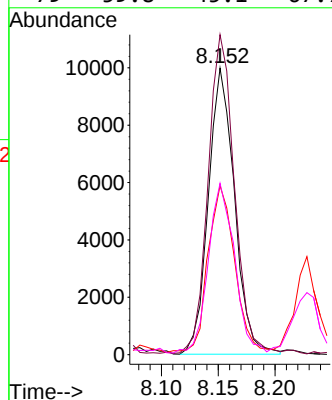
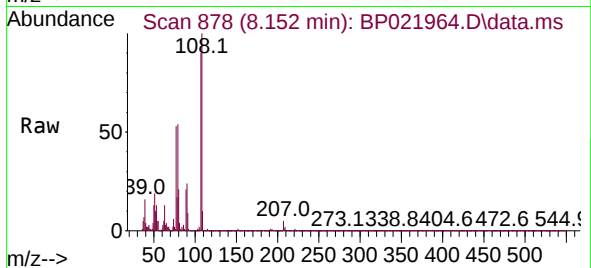
#17
2-Methylphenol
Concen: 4.346 ng
RT: 8.152 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP021964.D
Acq: 20 Sep 2024 12:30

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2024

Tgt Ion	Ratio	Lower	Upper
107	100		
108	111.6	90.3	135.5
77	59.0	45.1	67.7
79	59.8	45.1	67.7

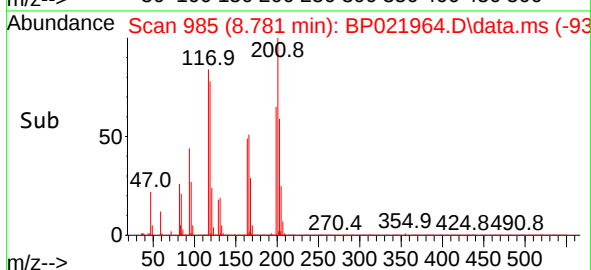
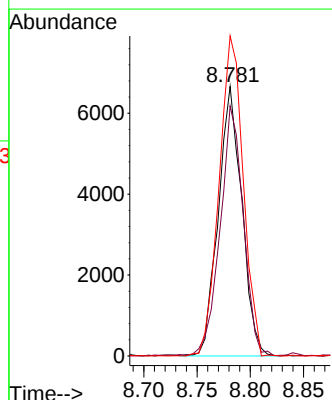
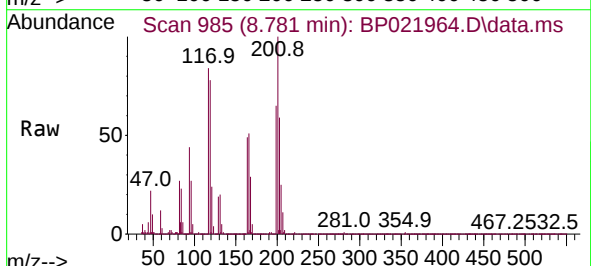
Manual Integrations
APPROVED

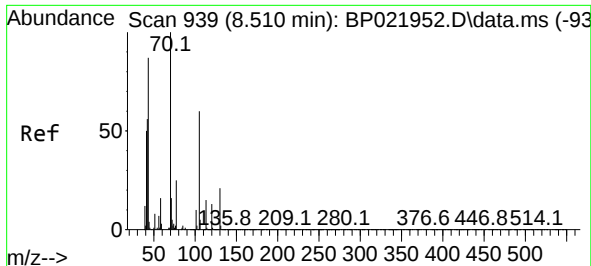
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#18
Hexachloroethane
Concen: 4.797 ng
RT: 8.781 min Scan# 985
Delta R.T. -0.006 min
Lab File: BP021964.D
Acq: 20 Sep 2024 12:30

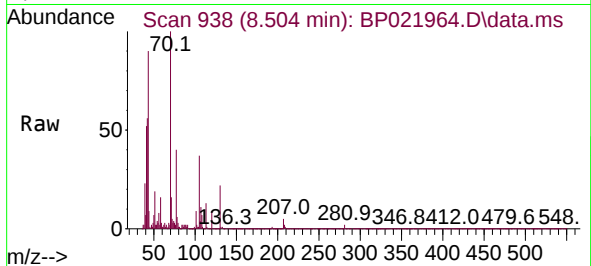
Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.8	77.0	115.4
201	118.8	105.6	158.4





#19
n-Nitroso-di-n-propylamine
Concen: 4.686 ng
RT: 8.504 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP021964.D
Acq: 20 Sep 2024 12:30

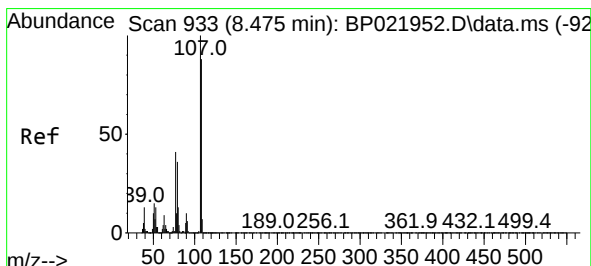
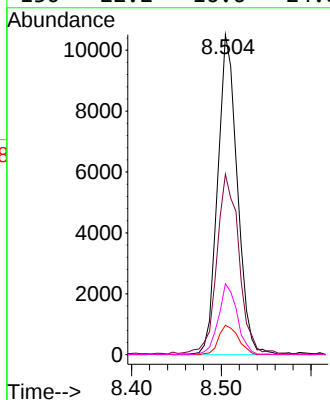
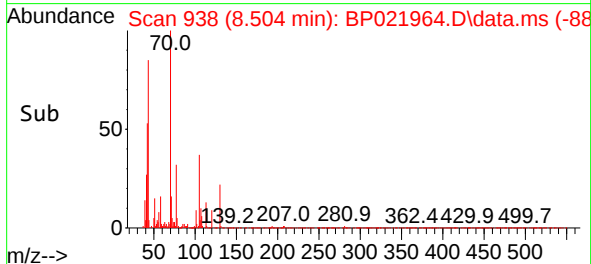
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2024



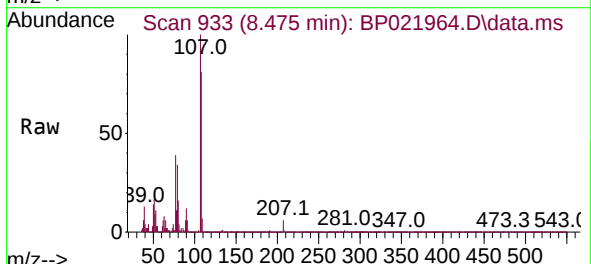
Tgt Ion: 70 Resp: 15992
Ion Ratio Lower Upper
70 100
42 56.4 45.2 67.8
101 9.2 7.8 11.6
130 22.2 16.6 24.8

Manual Integrations
APPROVED

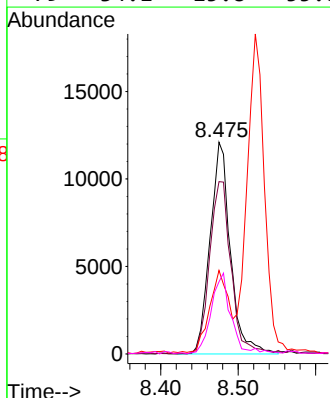
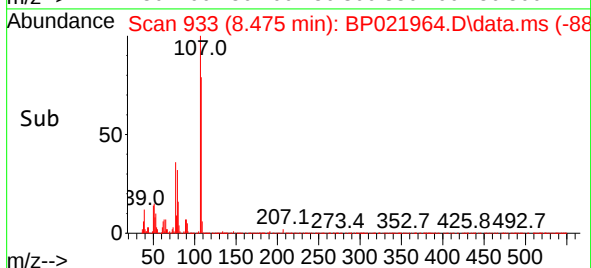
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024

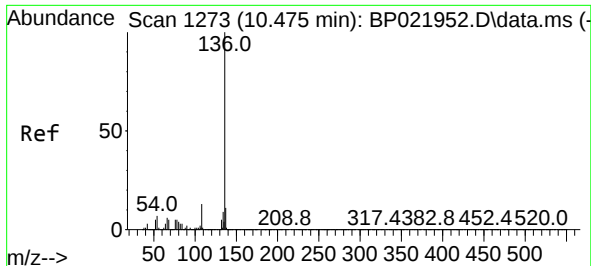


#20
3+4-Methylphenols
Concen: 4.247 ng
RT: 8.475 min Scan# 933
Delta R.T. 0.000 min
Lab File: BP021964.D
Acq: 20 Sep 2024 12:30



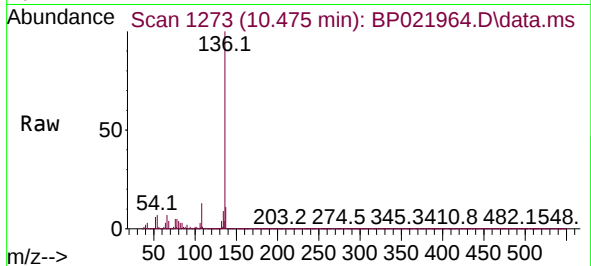
Tgt Ion:107 Resp: 22089
Ion Ratio Lower Upper
107 100
108 81.4 68.3 108.3
77 39.5 20.6 60.6
79 34.1 15.8 55.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.475 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BP021964.D
Acq: 20 Sep 2024 12:30

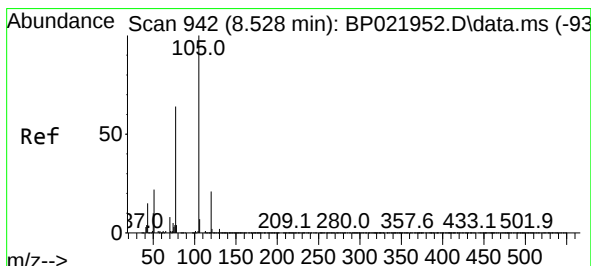
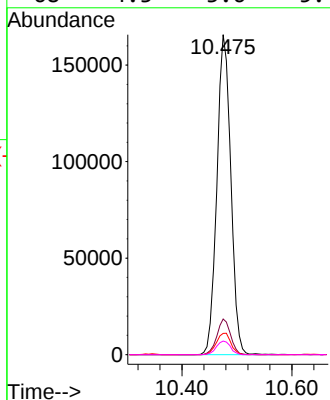
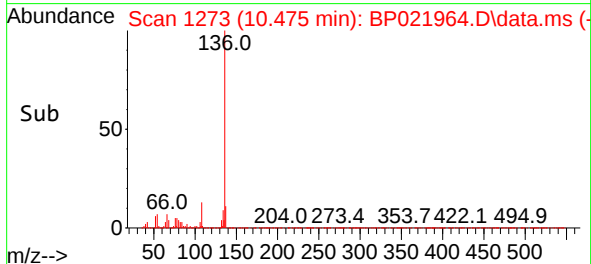
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2024



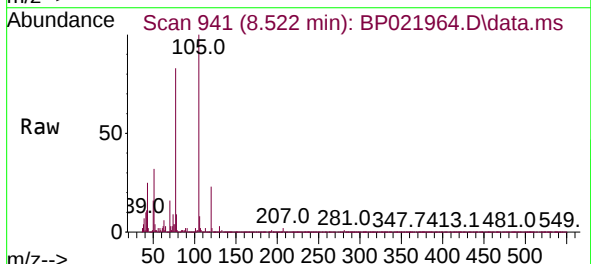
Tgt Ion:	136	Resp:	291100
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.8	13.2
54	6.7	5.5	8.3
68	4.3	3.6	5.4

Manual Integrations
APPROVED

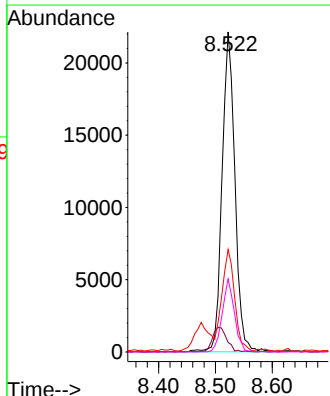
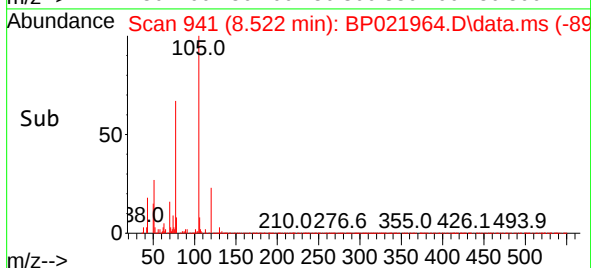
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024

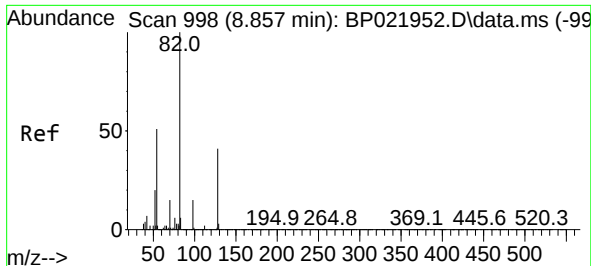


#22
Acetophenone
Concen: 4.919 ng
RT: 8.522 min Scan# 941
Delta R.T. -0.006 min
Lab File: BP021964.D
Acq: 20 Sep 2024 12:30



Tgt Ion:	105	Resp:	34934
Ion Ratio	Lower	Upper	
105	100		
71	2.9	1.4	2.0
51	32.0	22.1	33.1
120	22.9	16.8	25.2





#23

Nitrobenzene-d5

Concen: 86.975 ng

RT: 8.852 min Scan# 998

Delta R.T. -0.006 min

Lab File: BP021964.D

Acq: 20 Sep 2024 12:30

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT2-2024

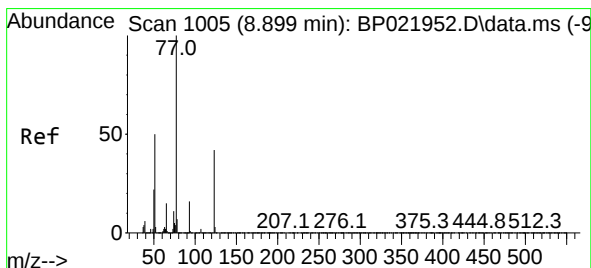
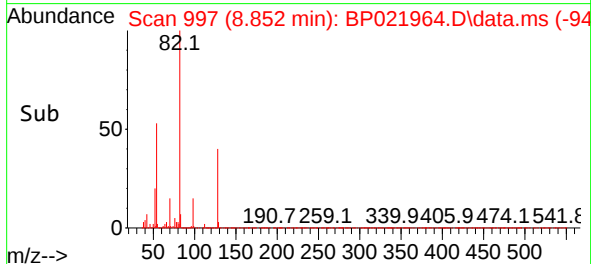
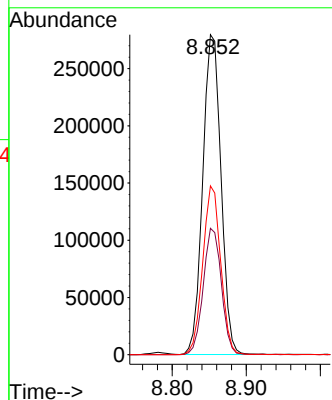
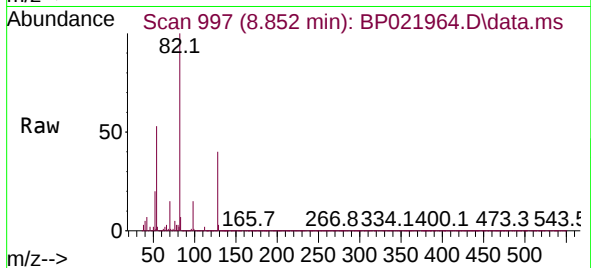
Tgt Ion: 82 Resp: 47850

Ion	Ratio	Lower	Upper
82	100		
128	39.5	33.1	49.7
54	52.7	40.3	60.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#24

Nitrobenzene

Concen: 5.111 ng

RT: 8.893 min Scan# 1004

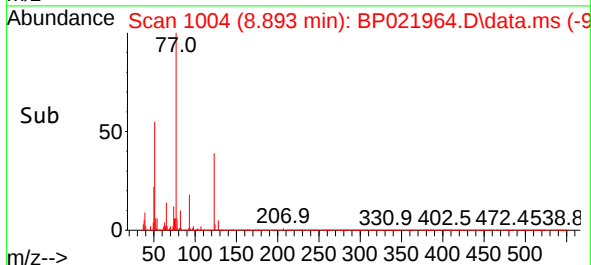
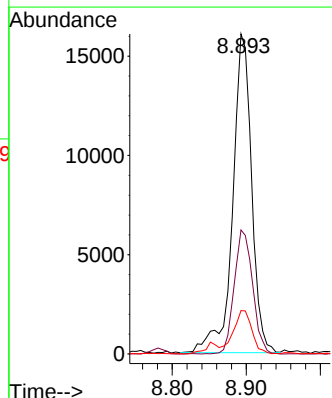
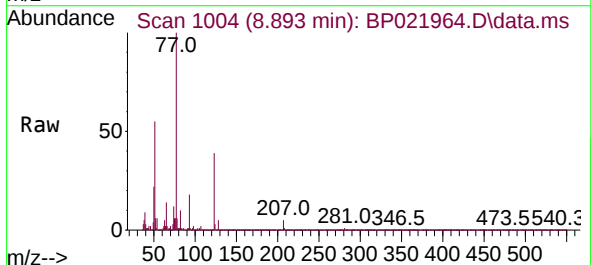
Delta R.T. -0.006 min

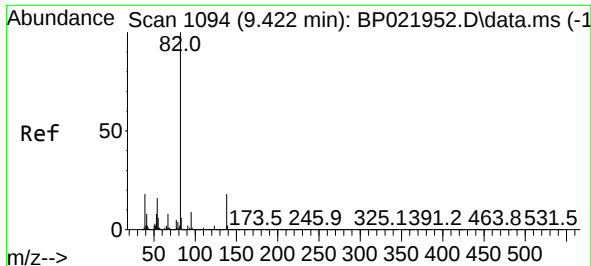
Lab File: BP021964.D

Acq: 20 Sep 2024 12:30

Tgt Ion: 77 Resp: 28553

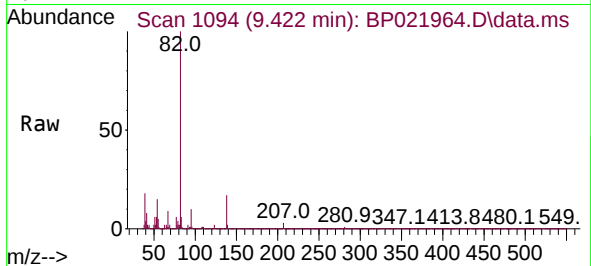
Ion	Ratio	Lower	Upper
77	100		
123	38.8	33.9	50.9
65	13.5	12.0	18.0





#25
Isophorone
Concen: 4.701 ng
RT: 9.422 min Scan# 1094
Delta R.T. 0.000 min
Lab File: BP021964.D
Acq: 20 Sep 2024 12:30

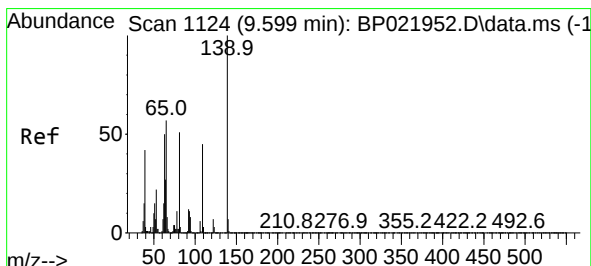
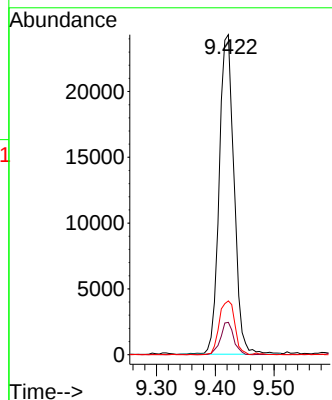
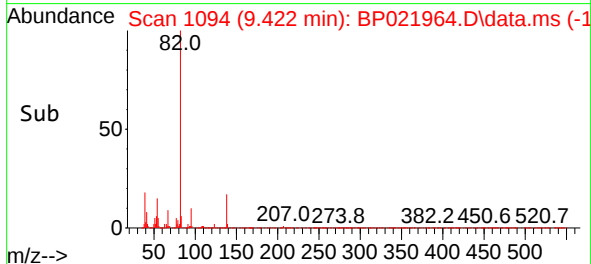
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion: 82 Resp: 4263
Ion Ratio Lower Upper
82 100
95 10.1 7.0 10.6
138 16.8 14.6 21.8

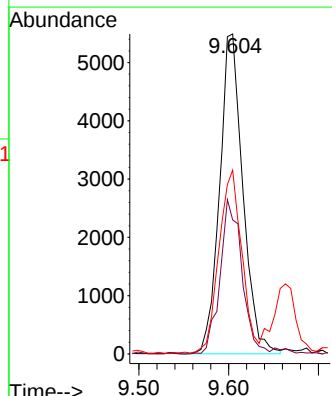
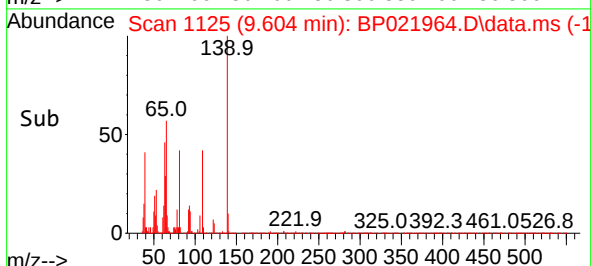
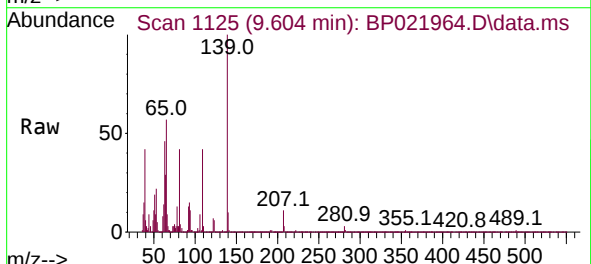
Manual Integrations
APPROVED

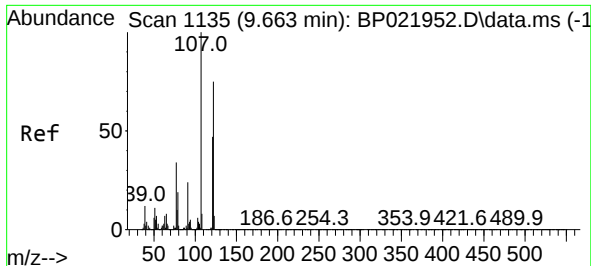
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#26
2-Nitrophenol
Concen: 4.047 ng
RT: 9.604 min Scan# 1125
Delta R.T. 0.006 min
Lab File: BP021964.D
Acq: 20 Sep 2024 12:30

Tgt Ion:139 Resp: 9887
Ion Ratio Lower Upper
139 100
109 41.9 36.0 54.0
65 57.4 45.7 68.5





#27

2,4-Dimethylphenol

Concen: 4.538 ng

RT: 9.663 min Scan# 1135

Delta R.T. 0.000 min

Lab File: BP021964.D

Acq: 20 Sep 2024 12:30

Instrument :

BNA_P

ClientSampleId :

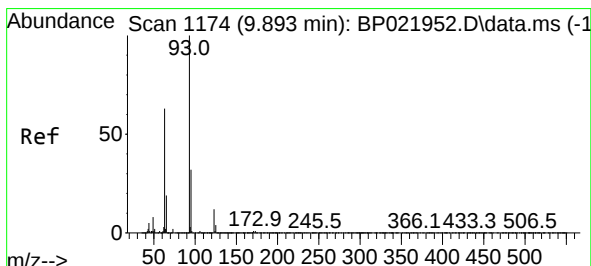
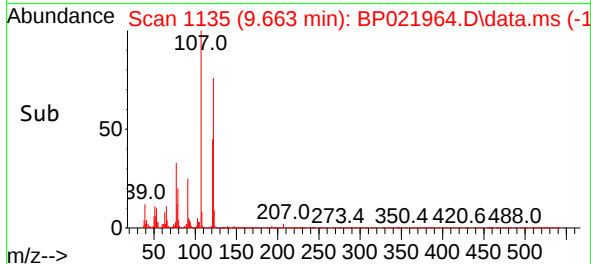
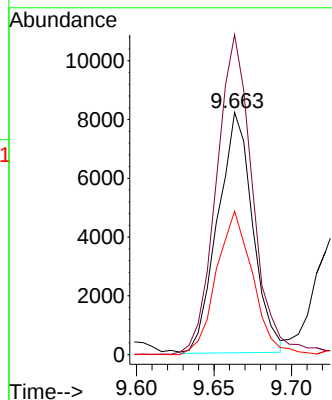
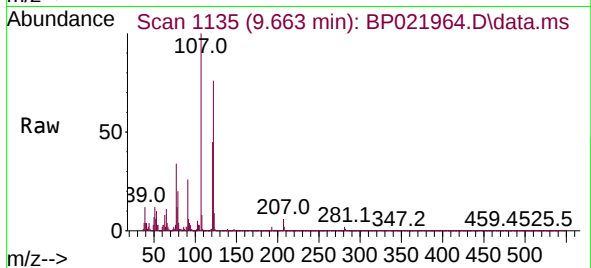
LOQ-WATER-02-QT2-2024

Tgt Ion:	122	Resp:	1283
Ion	Ratio	Lower	Upper
122	100		
107	132.1	106.1	159.1
121	59.2	49.6	74.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#28

bis(2-Chloroethoxy)methane

Concen: 4.701 ng

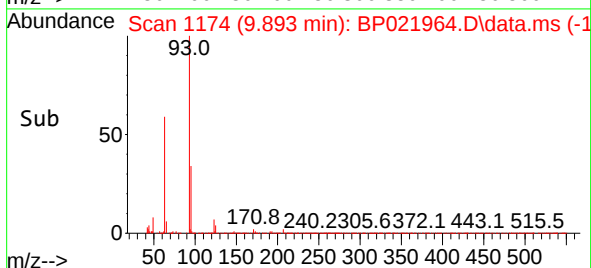
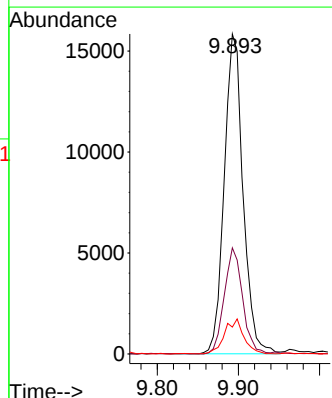
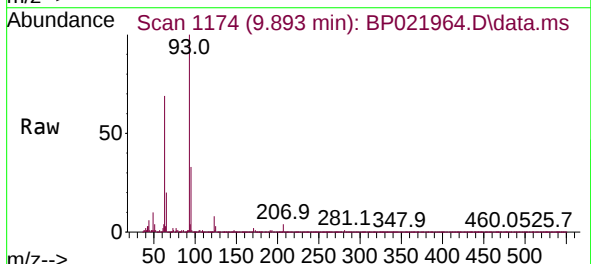
RT: 9.893 min Scan# 1174

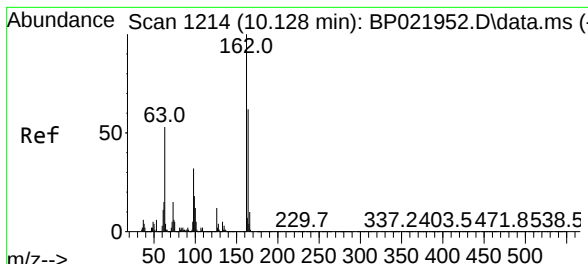
Delta R.T. 0.000 min

Lab File: BP021964.D

Acq: 20 Sep 2024 12:30

Tgt Ion:	93	Resp:	25567
Ion	Ratio	Lower	Upper
93	100		
95	33.1	25.7	38.5
123	8.4	9.4	14.0





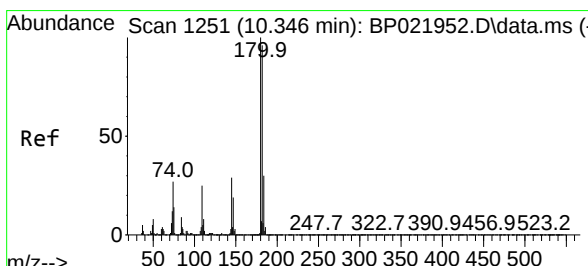
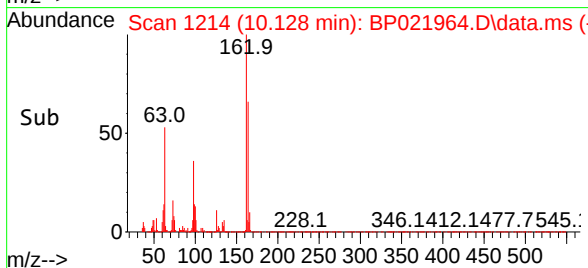
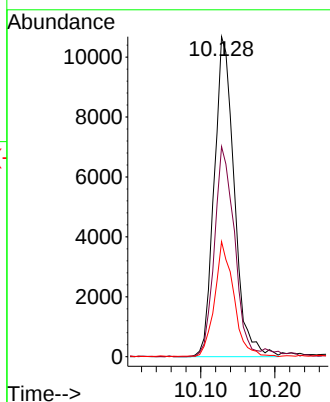
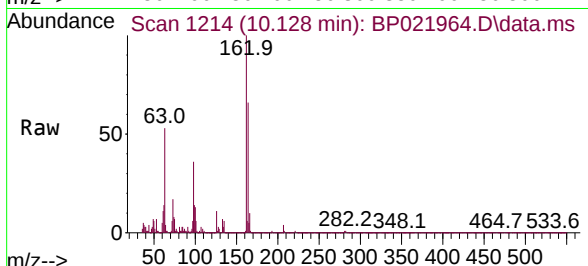
#29
2,4-Dichlorophenol
Concen: 4.191 ng
RT: 10.128 min Scan# 1214
Delta R.T. 0.000 min
Lab File: BP021964.D
Acq: 20 Sep 2024 12:30

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2024

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.6	41.7	81.7
98	36.0	12.4	52.4

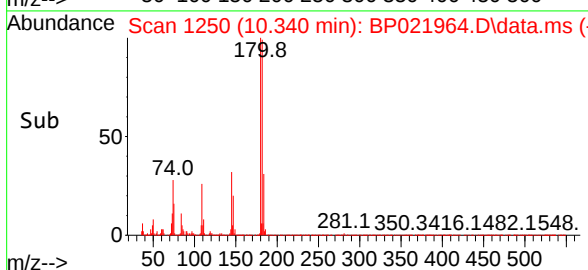
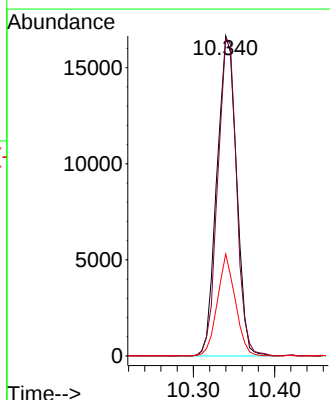
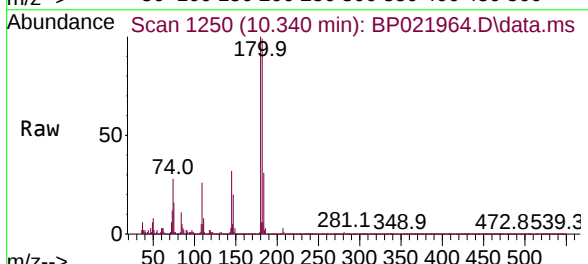
Manual Integrations
APPROVED

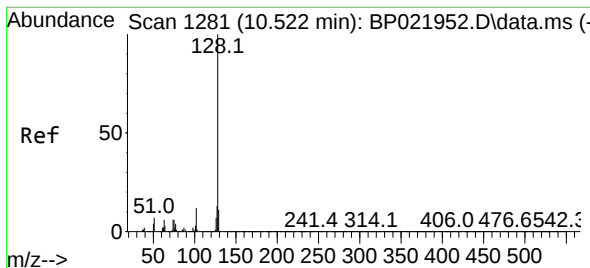
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#30
1,2,4-Trichlorobenzene
Concen: 4.678 ng
RT: 10.340 min Scan# 1250
Delta R.T. -0.006 min
Lab File: BP021964.D
Acq: 20 Sep 2024 12:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.3	77.0	115.4
145	31.9	23.0	34.6





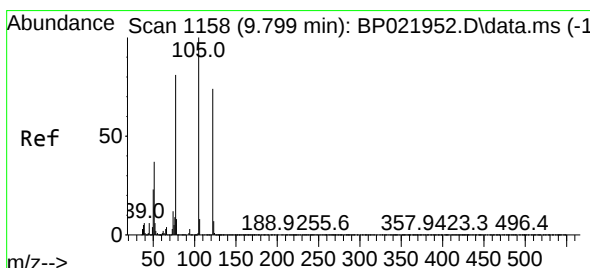
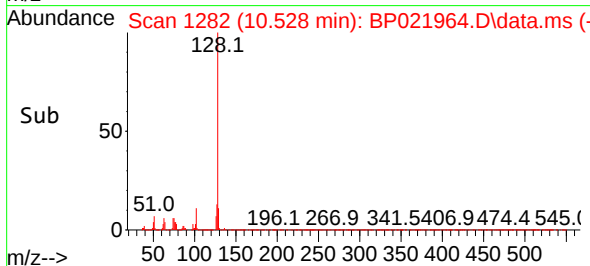
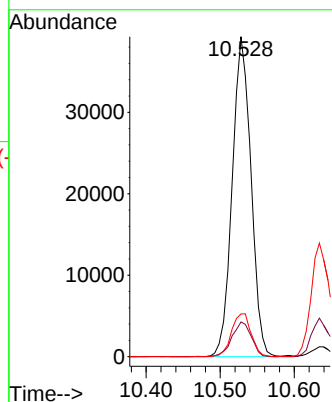
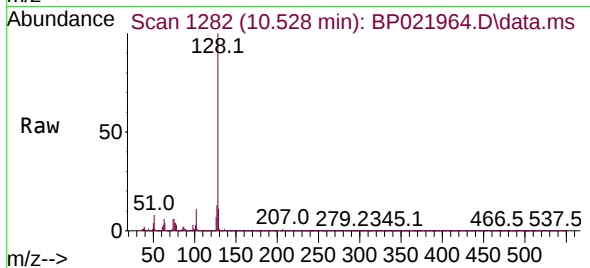
#31
Naphthalene
Concen: 4.752 ng
RT: 10.528 min Scan# 1147
Delta R.T. 0.006 min
Lab File: BP021964.D
Acq: 20 Sep 2024 12:30

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2024

Tgt Ion:128 Resp: 69025
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 13.4 10.6 15.8

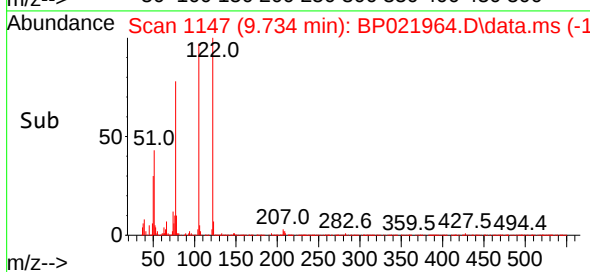
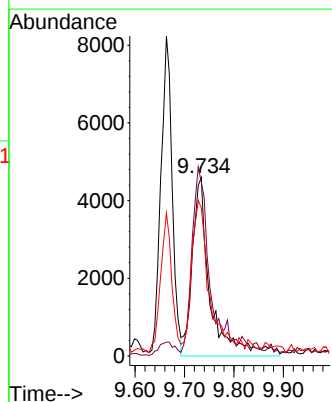
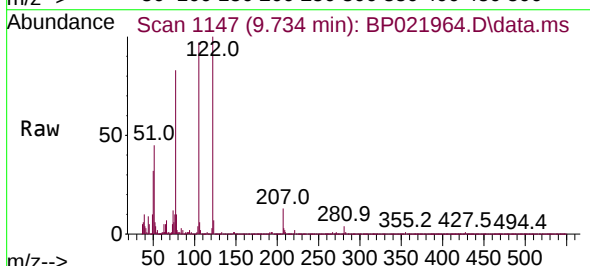
Manual Integrations
APPROVED

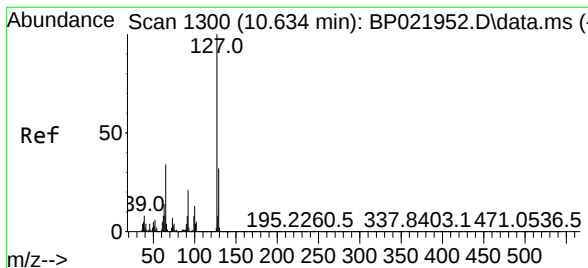
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#32
Benzoic acid
Concen: 3.515 ng m
RT: 9.734 min Scan# 1147
Delta R.T. -0.065 min
Lab File: BP021964.D
Acq: 20 Sep 2024 12:30

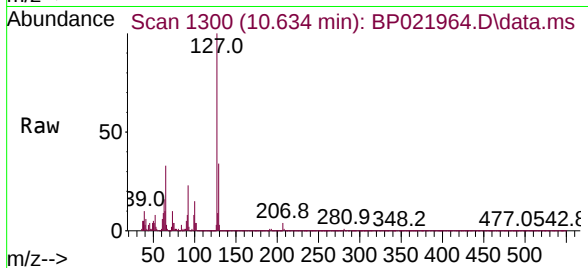
Tgt Ion:122 Resp: 11623
Ion Ratio Lower Upper
122 100
105 97.2 111.3 151.3#
77 82.9 86.7 126.7#





#33
4-Chloroaniline
Concen: 4.872 ng
RT: 10.634 min Scan# 1300
Delta R.T. 0.000 min
Lab File: BP021964.D
Acq: 20 Sep 2024 12:30

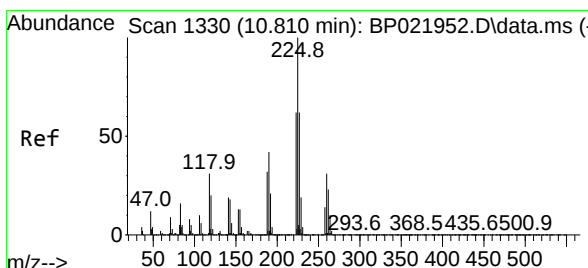
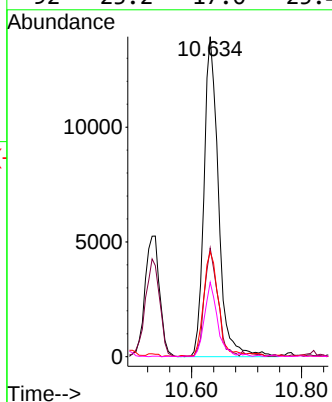
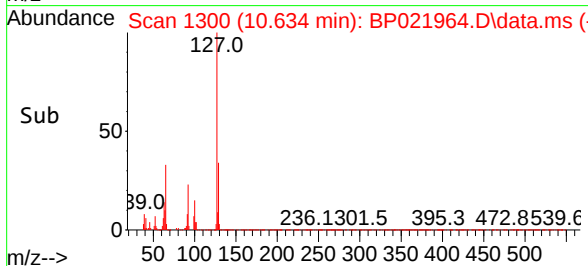
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion	Ratio	Lower	Upper
127	100		
129	34.0	25.4	38.0
65	32.7	27.4	41.2
92	23.2	17.0	25.4

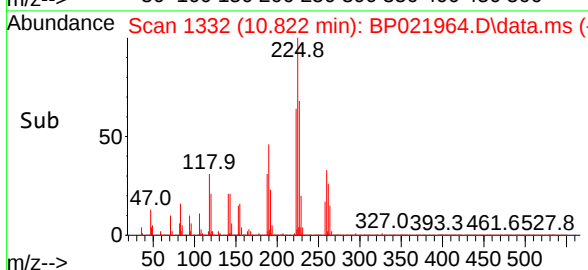
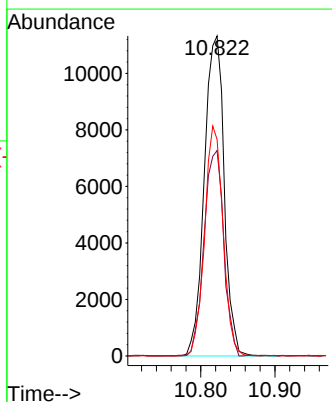
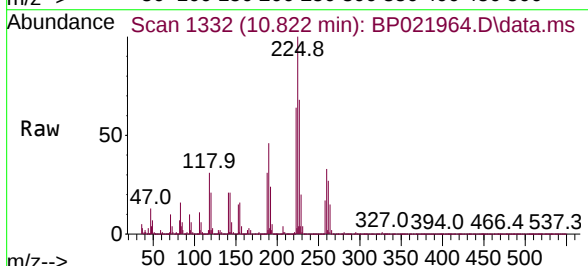
Manual Integrations
APPROVED

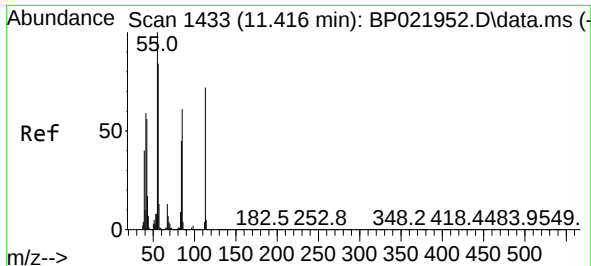
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#34
Hexachlorobutadiene
Concen: 4.498 ng
RT: 10.822 min Scan# 1332
Delta R.T. 0.012 min
Lab File: BP021964.D
Acq: 20 Sep 2024 12:30

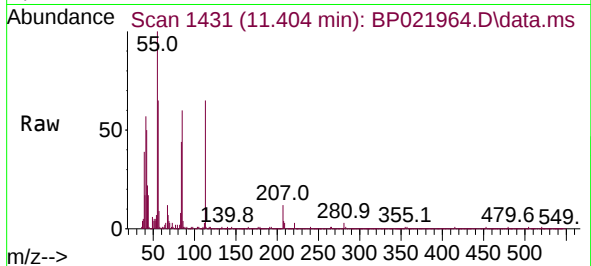
Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.2	50.0	75.0
227	67.7	49.7	74.5





#35
Caprolactam
Concen: 3.869 ng
RT: 11.404 min Scan# 1431
Delta R.T. -0.012 min
Lab File: BP021964.D
Acq: 20 Sep 2024 12:30

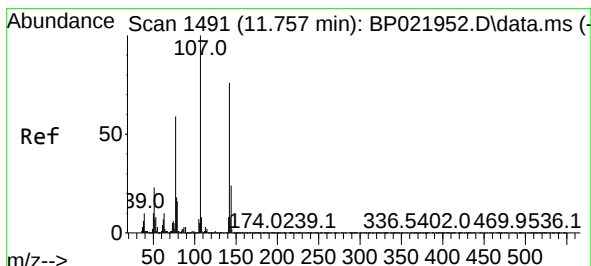
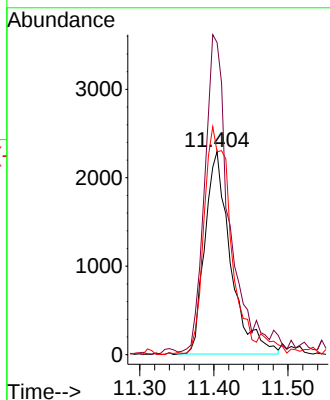
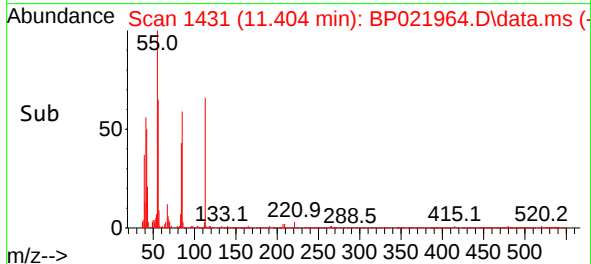
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion:113 Resp: 5528
Ion Ratio Lower Upper
113 100
55 153.6 119.4 159.4
56 99.8 97.1 137.1

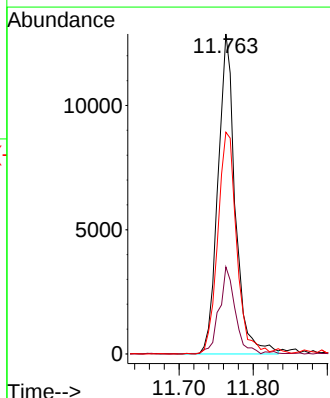
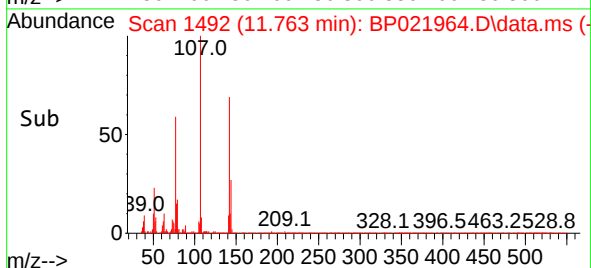
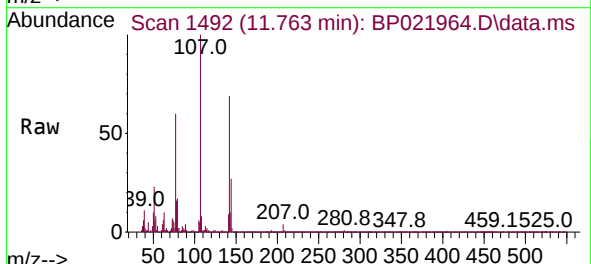
Manual Integrations
APPROVED

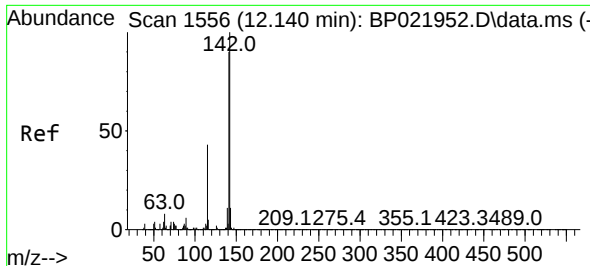
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#36
4-Chloro-3-methylphenol
Concen: 4.055 ng
RT: 11.763 min Scan# 1492
Delta R.T. 0.006 min
Lab File: BP021964.D
Acq: 20 Sep 2024 12:30

Tgt Ion:107 Resp: 20889
Ion Ratio Lower Upper
107 100
144 27.2 19.0 28.4
142 69.3 60.4 90.6





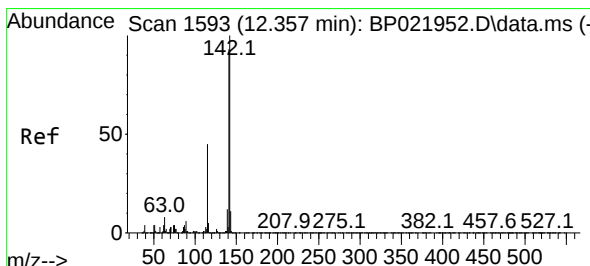
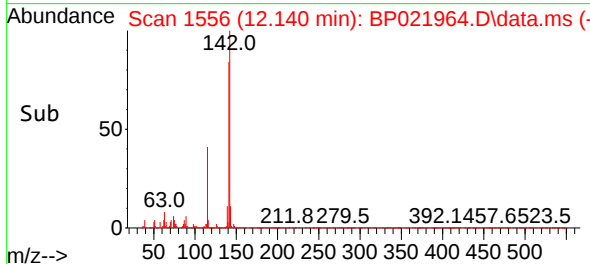
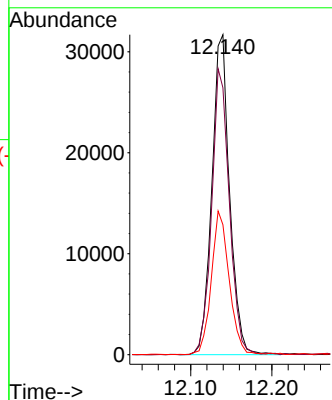
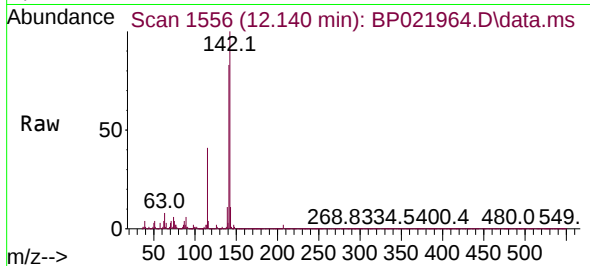
#37
2-Methylnaphthalene
Concen: 4.525 ng
RT: 12.140 min Scan# 1556
Delta R.T. 0.000 min
Lab File: BP021964.D
Acq: 20 Sep 2024 12:30

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2024

Tgt Ion:142 Resp: 48088
Ion Ratio Lower Upper
142 100
141 83.4 71.7 107.5
115 40.6 34.6 51.8

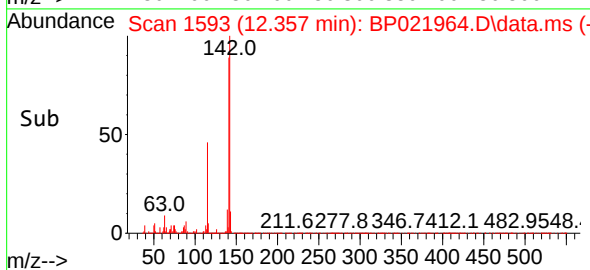
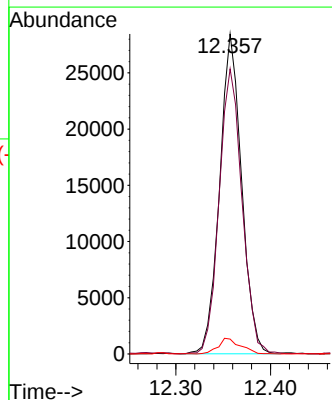
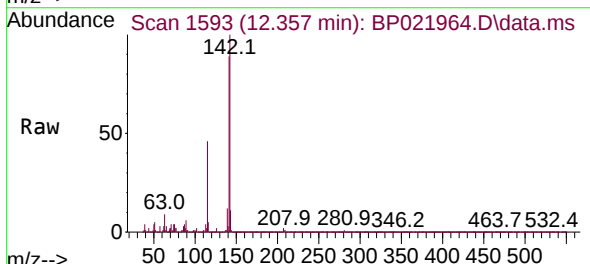
Manual Integrations
APPROVED

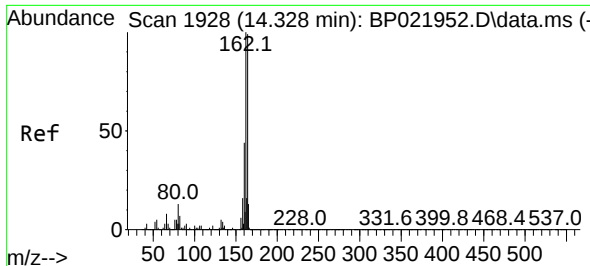
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#38
1-Methylnaphthalene
Concen: 4.373 ng
RT: 12.357 min Scan# 1593
Delta R.T. 0.000 min
Lab File: BP021964.D
Acq: 20 Sep 2024 12:30

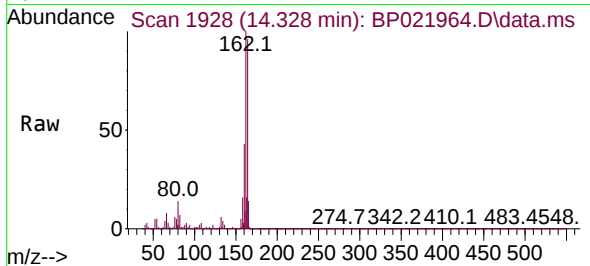
Tgt Ion:142 Resp: 45883
Ion Ratio Lower Upper
142 100
141 89.1 74.1 111.1
116 4.6 3.8 5.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.328 min Scan# 1928
Delta R.T. 0.000 min
Lab File: BP021964.D
Acq: 20 Sep 2024 12:30

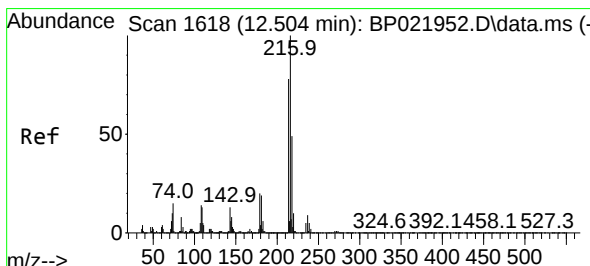
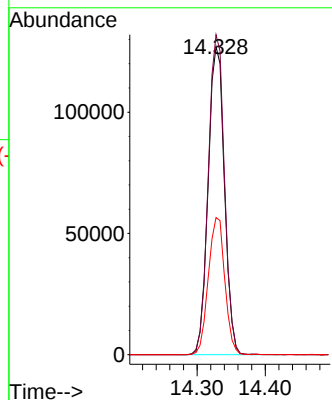
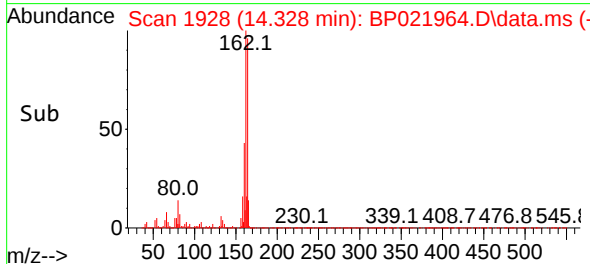
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion:164 Resp: 21093
Ion Ratio Lower Upper
164 100
162 103.8 81.2 121.8
160 44.5 35.9 53.9

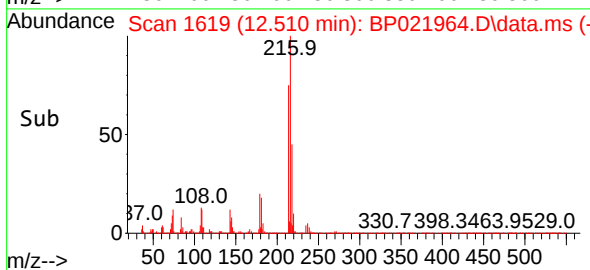
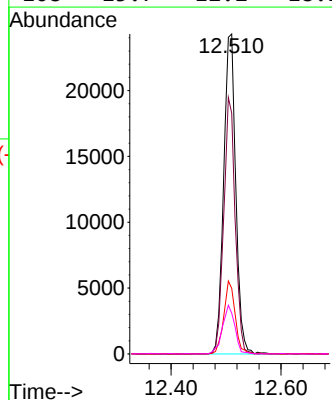
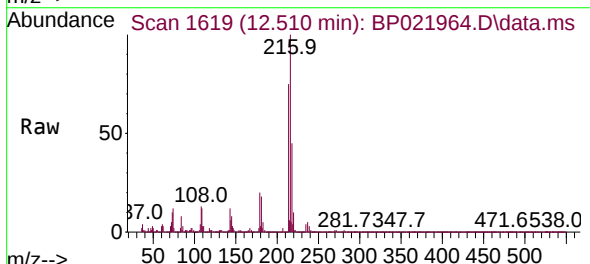
Manual Integrations
APPROVED

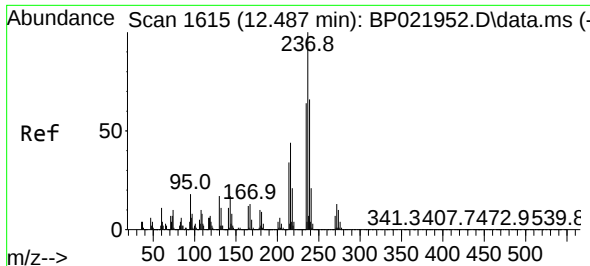
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 5.018 ng
RT: 12.510 min Scan# 1619
Delta R.T. 0.006 min
Lab File: BP021964.D
Acq: 20 Sep 2024 12:30

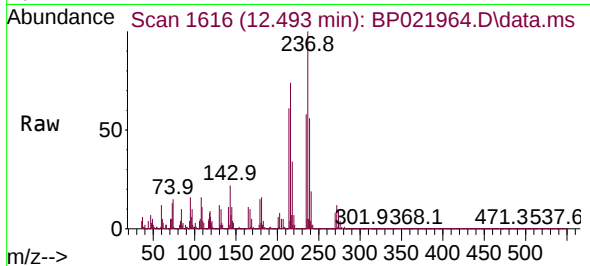
Tgt Ion:216 Resp: 37035
Ion Ratio Lower Upper
216 100
214 75.7 62.8 94.2
179 21.5 16.4 24.6
108 15.7 12.2 18.2





#41
Hexachlorocyclopentadiene
Concen: 5.673 ng
RT: 12.493 min Scan# 1616
Delta R.T. 0.006 min
Lab File: BP021964.D
Acq: 20 Sep 2024 12:30

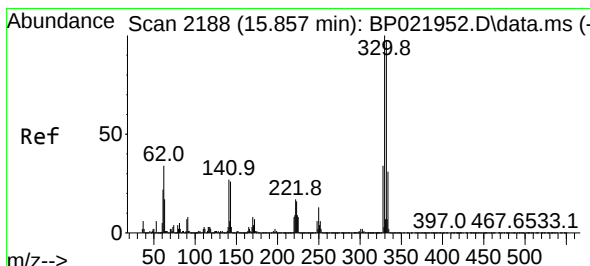
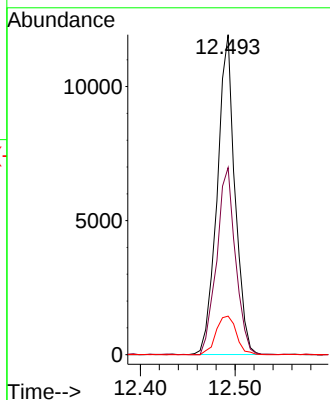
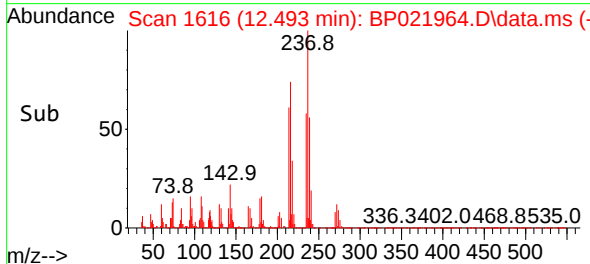
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion: 237 Resp: 1555
Ion Ratio Lower Upper
237 100
235 58.5 44.1 84.1
272 12.0 0.0 33.1

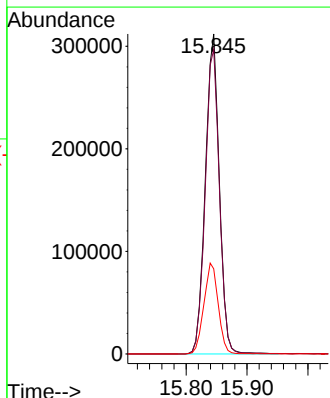
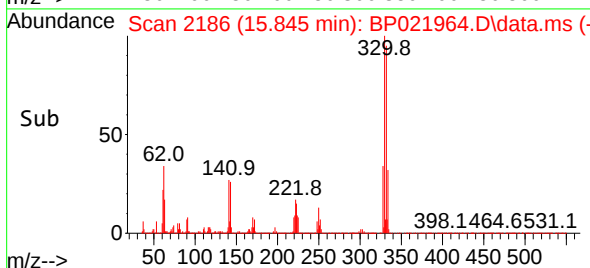
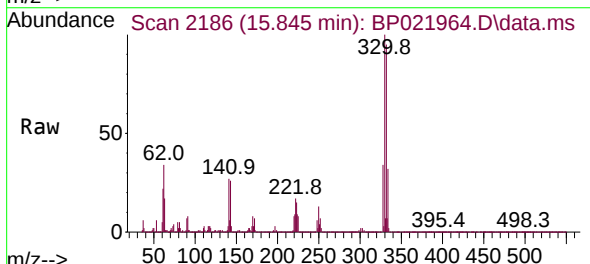
Manual Integrations
APPROVED

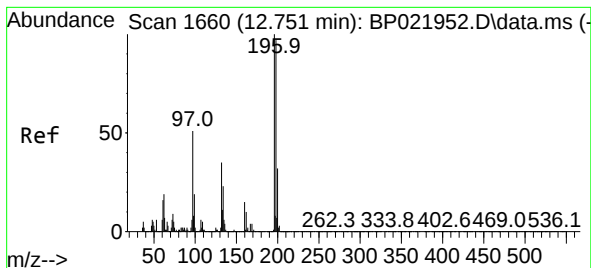
Reviewed By : Jagrut Upadhyay 09/20/2024
Supervised By : mohammad ahmed 09/24/2024



#42
2,4,6-Tribromophenol
Concen: 127.335 ng
RT: 15.845 min Scan# 2186
Delta R.T. -0.012 min
Lab File: BP021964.D
Acq: 20 Sep 2024 12:30

Tgt Ion: 330 Resp: 497946
Ion Ratio Lower Upper
330 100
332 96.6 77.5 116.3
141 29.1 23.4 35.0





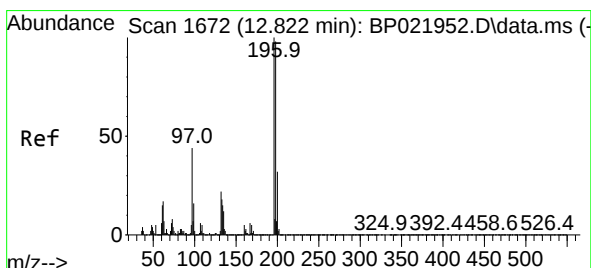
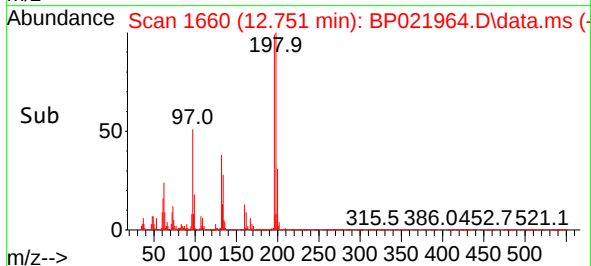
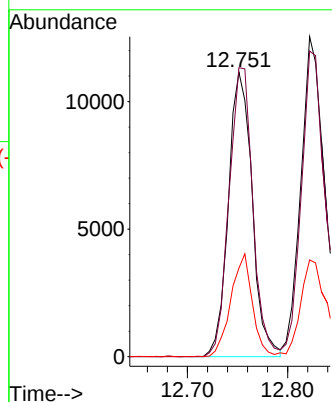
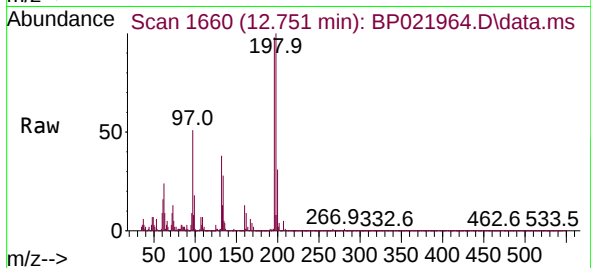
#43
2,4,6-Trichlorophenol
Concen: 4.064 ng
RT: 12.751 min Scan# 1660
Delta R.T. 0.000 min
Lab File: BP021964.D
Acq: 20 Sep 2024 12:30

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2024

Tgt Ion:196 Resp: 18409
Ion Ratio Lower Upper
196 100
198 101.5 77.6 116.4
200 31.1 25.8 38.6

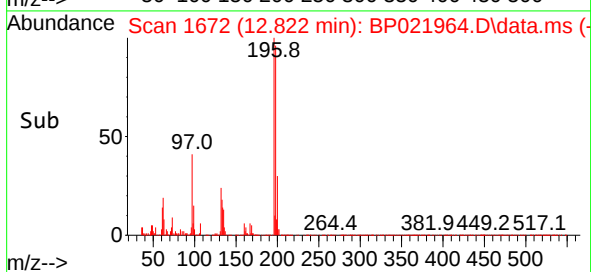
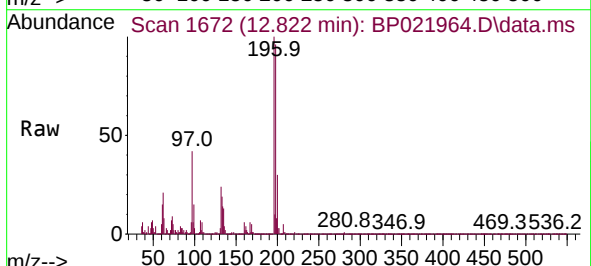
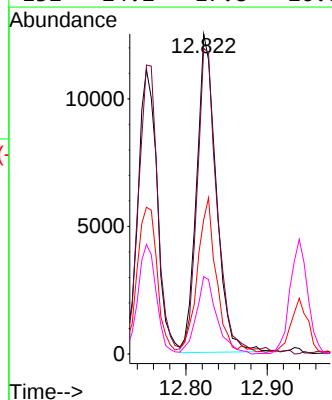
Manual Integrations
APPROVED

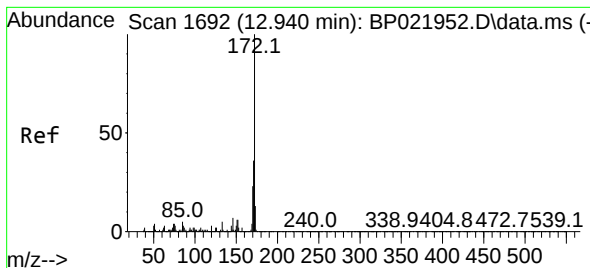
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#44
2,4,5-Trichlorophenol
Concen: 4.131 ng
RT: 12.822 min Scan# 1672
Delta R.T. 0.000 min
Lab File: BP021964.D
Acq: 20 Sep 2024 12:30

Tgt Ion:196 Resp: 20989
Ion Ratio Lower Upper
196 100
198 95.5 78.2 117.4
97 42.0 35.0 52.4
132 24.2 17.8 26.8





#45

2-Fluorobiphenyl

Concen: 86.387 ng

RT: 12.940 min Scan# 1692

Delta R.T. 0.000 min

Lab File: BP021964.D

Acq: 20 Sep 2024 12:30

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT2-2024

Tgt Ion:172 Resp: 124830

Ion Ratio Lower Upper

172 100

171 35.0 28.6 43.0

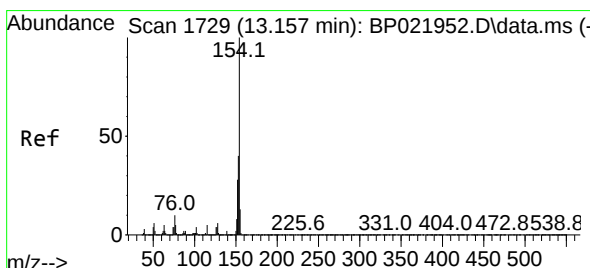
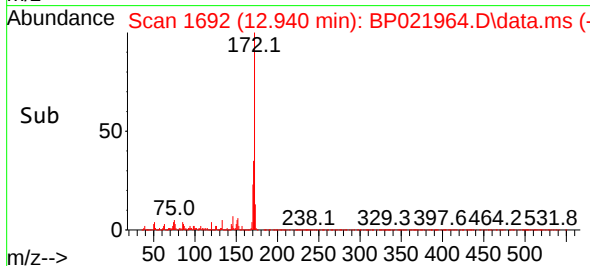
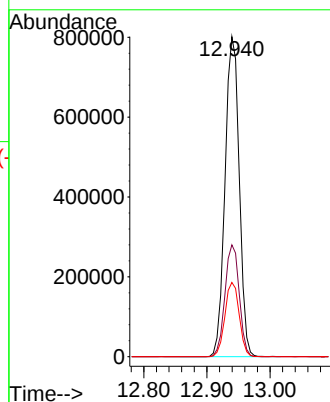
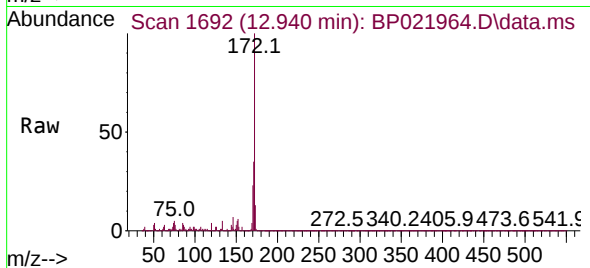
170 23.2 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024

Supervised By :mohammad ahmed 09/24/2024



#46

1,1'-Biphenyl

Concen: 5.173 ng

RT: 13.151 min Scan# 1728

Delta R.T. -0.006 min

Lab File: BP021964.D

Acq: 20 Sep 2024 12:30

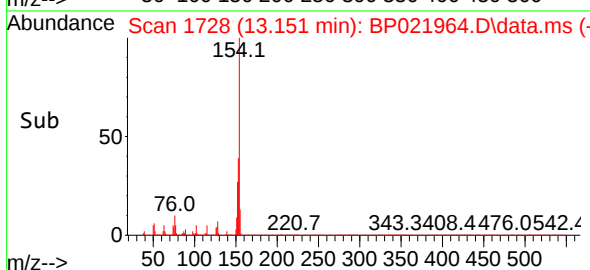
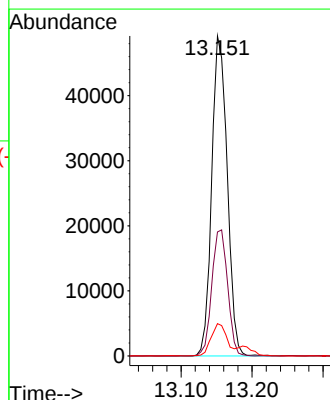
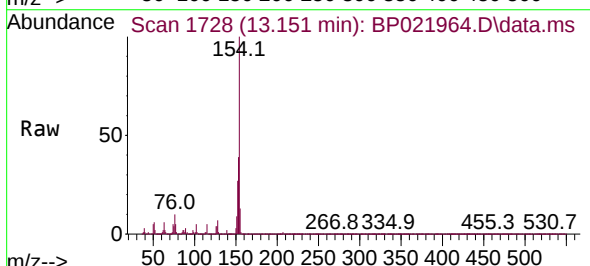
Tgt Ion:154 Resp: 74402

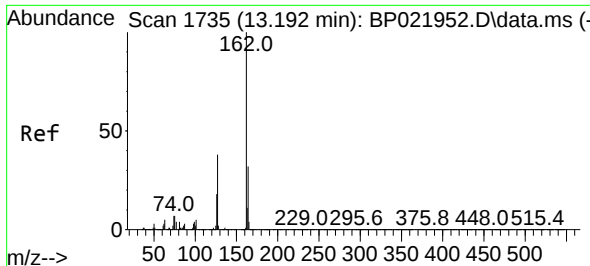
Ion Ratio Lower Upper

154 100

153 38.8 20.2 60.2

76 10.1 0.0 29.9





#47

2-Chloronaphthalene

Concen: 4.747 ng

RT: 13.192 min Scan# 1735

Delta R.T. 0.000 min

Lab File: BP021964.D

Acq: 20 Sep 2024 12:30

Instrument :

BNA_P

ClientSampleId :

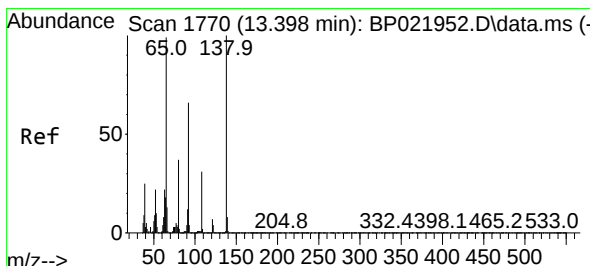
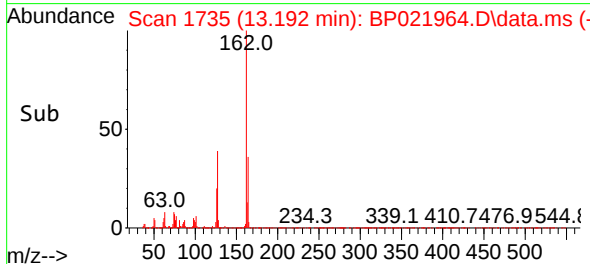
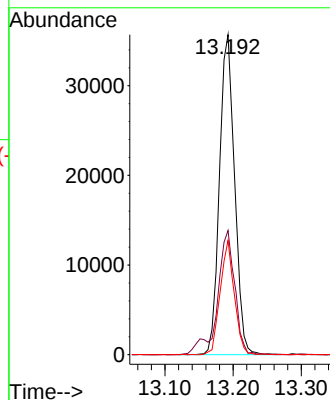
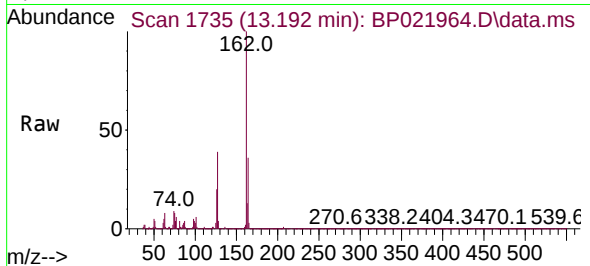
LOQ-WATER-02-QT2-2024

Tgt Ion:	162	Resp:	55209
Ion Ratio	Lower	Upper	
162	100		
127	38.8	31.7	47.5
164	35.7	25.9	38.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#48

2-Nitroaniline

Concen: 4.044 ng

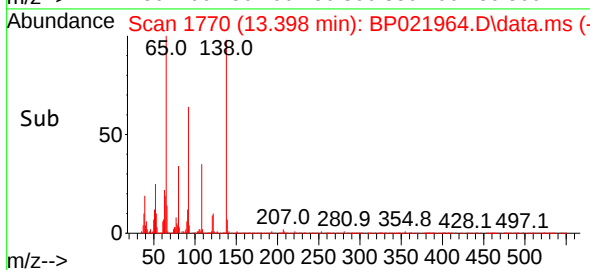
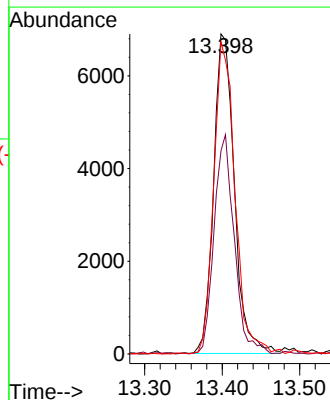
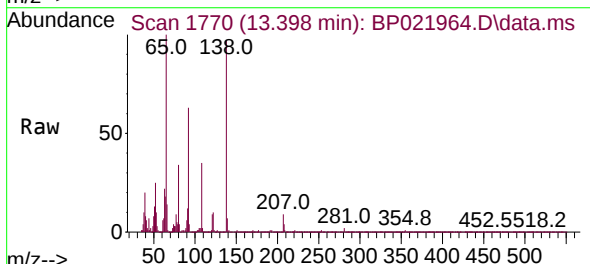
RT: 13.398 min Scan# 1770

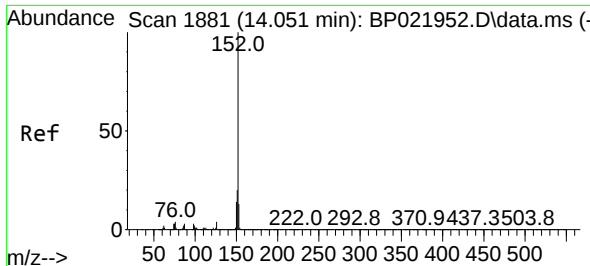
Delta R.T. 0.000 min

Lab File: BP021964.D

Acq: 20 Sep 2024 12:30

Tgt Ion:	65	Resp:	12843
Ion Ratio	Lower	Upper	
65	100		
92	63.5	53.2	79.8
138	97.5	81.1	121.7





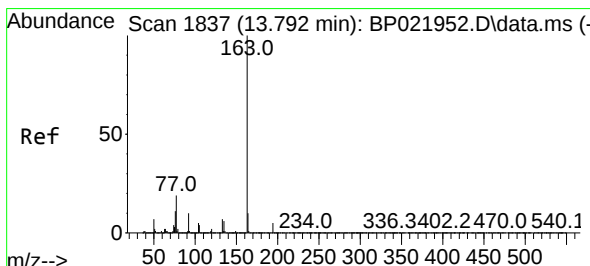
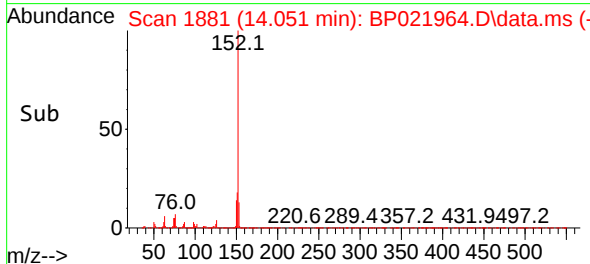
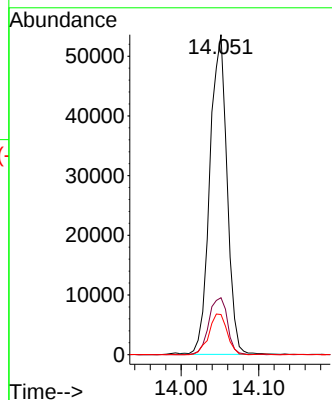
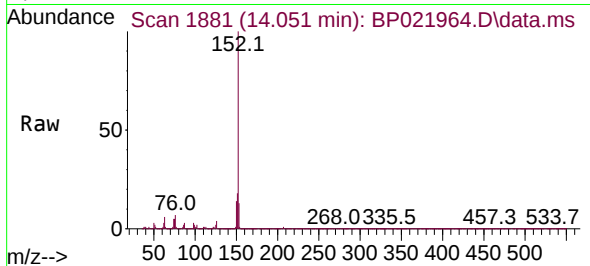
#49
Acenaphthylene
Concen: 5.023 ng
RT: 14.051 min Scan# 1881
Delta R.T. 0.000 min
Lab File: BP021964.D
Acq: 20 Sep 2024 12:30

Instrument : BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2024

Tgt Ion:152 Resp: 8242
Ion Ratio Lower Upper
152 100
151 17.8 16.0 24.0
153 12.6 10.8 16.2

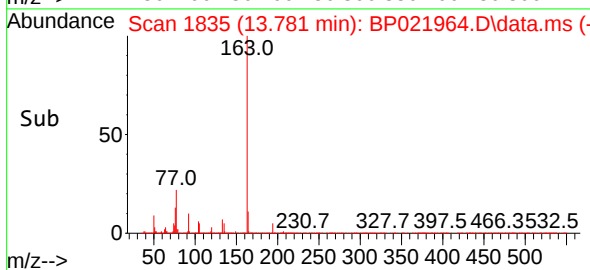
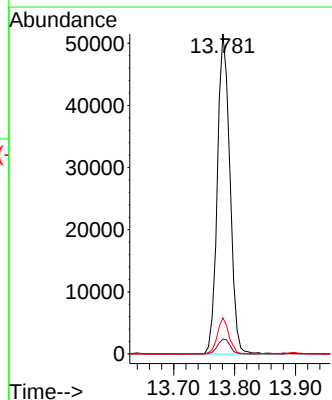
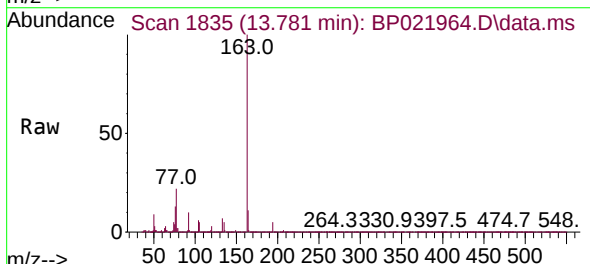
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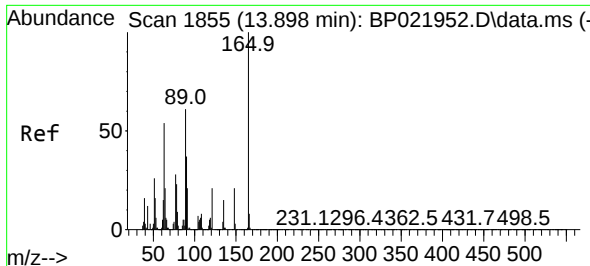
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#50
Dimethylphthalate
Concen: 4.810 ng
RT: 13.781 min Scan# 1835
Delta R.T. -0.012 min
Lab File: BP021964.D
Acq: 20 Sep 2024 12:30

Tgt Ion:163 Resp: 73587
Ion Ratio Lower Upper
163 100
194 4.7 3.6 5.4
164 11.3 8.0 12.0





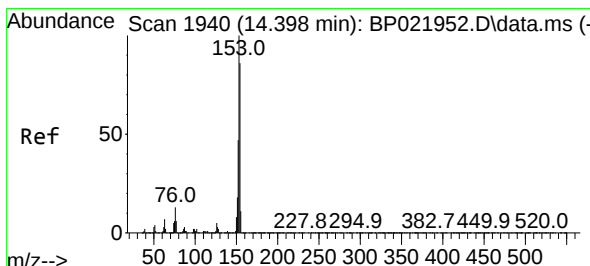
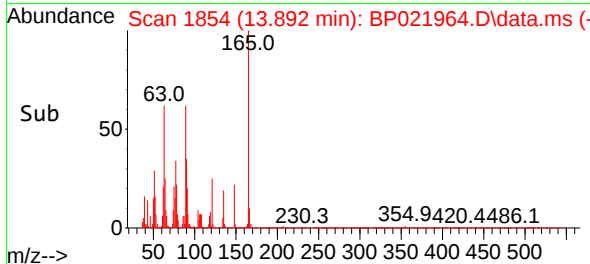
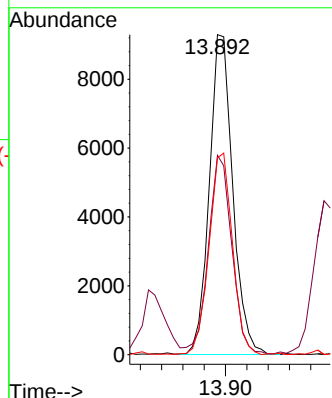
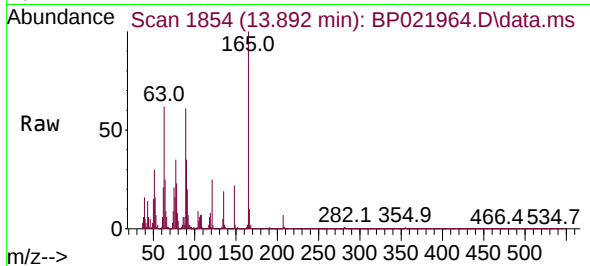
#51
2,6-Dinitrotoluene
Concen: 4.165 ng
RT: 13.892 min Scan# 1855
Delta R.T. -0.006 min
Lab File: BP021964.D
Acq: 20 Sep 2024 12:30

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2024

Tgt Ion:165 Resp: 14200
Ion Ratio Lower Upper
165 100
63 62.3 46.4 69.6
89 61.5 48.5 72.7

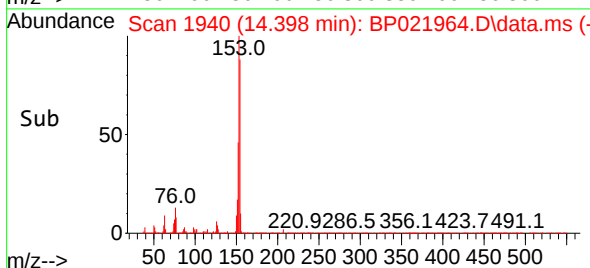
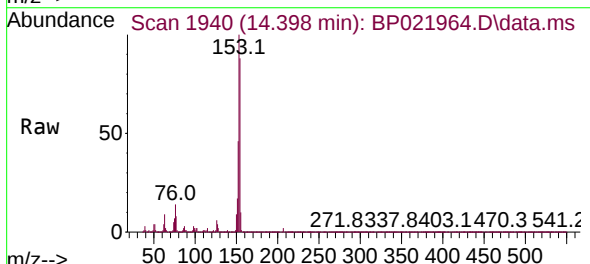
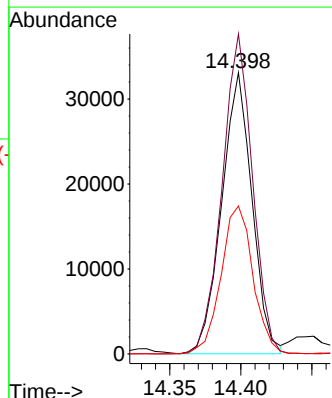
Manual Integrations
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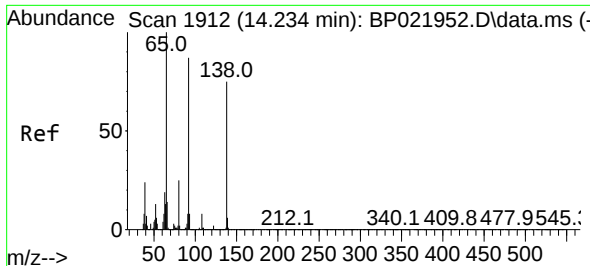
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#52
Acenaphthene
Concen: 4.600 ng
RT: 14.398 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BP021964.D
Acq: 20 Sep 2024 12:30

Tgt Ion:154 Resp: 49129
Ion Ratio Lower Upper
154 100
153 113.7 92.7 139.1
152 52.6 43.6 65.4





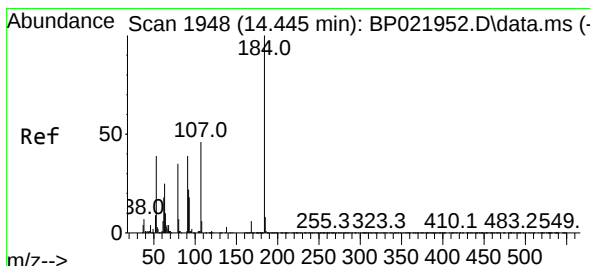
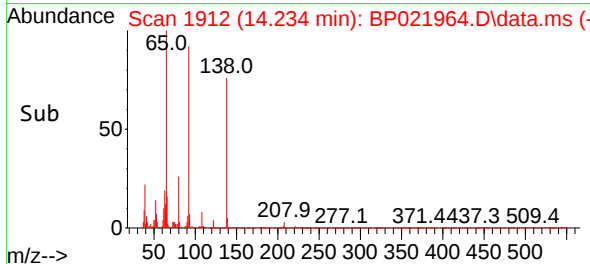
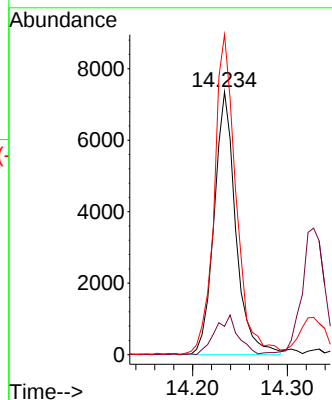
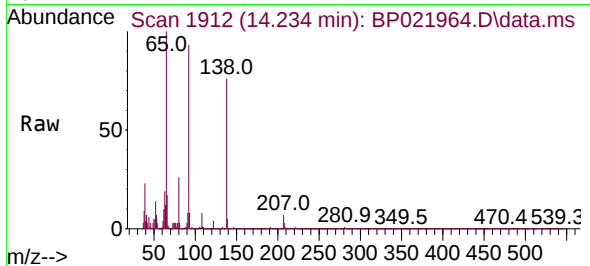
#53
3-Nitroaniline
Concen: 3.820 ng
RT: 14.234 min Scan# 1912
Delta R.T. 0.000 min
Lab File: BP021964.D
Acq: 20 Sep 2024 12:30

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2024

Tgt Ion:138 Resp: 1160
Ion Ratio Lower Upper
138 100
108 10.8 9.0 13.4
92 121.7 92.8 139.2

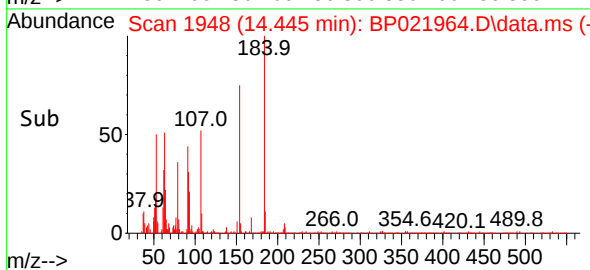
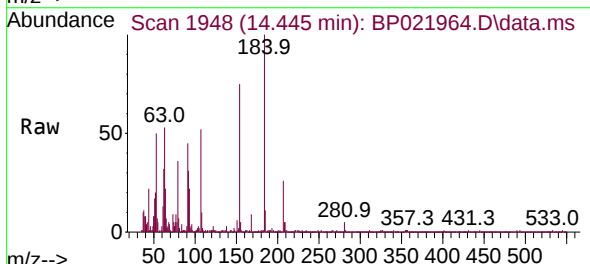
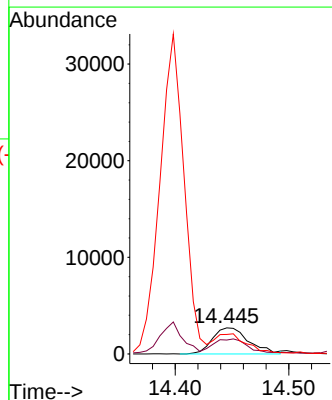
Manual Integrations
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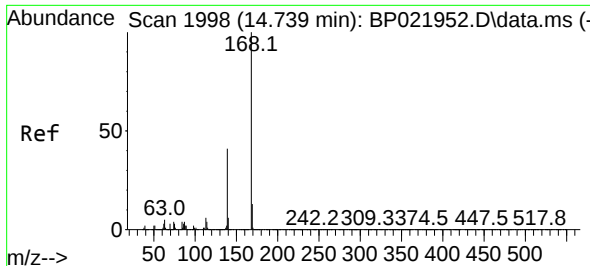
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#54
2,4-Dinitrophenol
Concen: 2.994 ng
RT: 14.445 min Scan# 1948
Delta R.T. 0.000 min
Lab File: BP021964.D
Acq: 20 Sep 2024 12:30

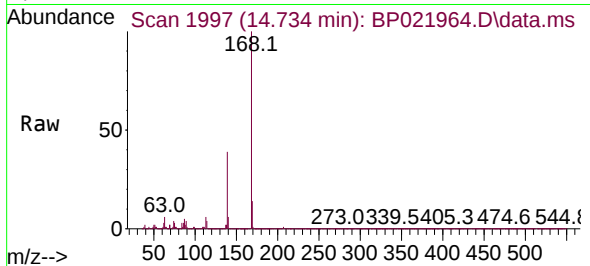
Tgt Ion:184 Resp: 5981
Ion Ratio Lower Upper
184 100
63 53.1 49.0 73.6
154 74.8 58.1 87.1





#55
Dibenzenofuran
Concen: 4.958 ng
RT: 14.734 min Scan# 1998
Delta R.T. -0.006 min
Lab File: BP021964.D
Acq: 20 Sep 2024 12:30

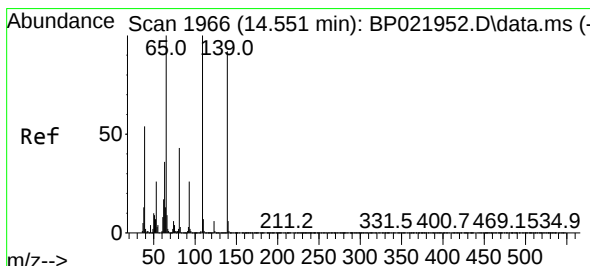
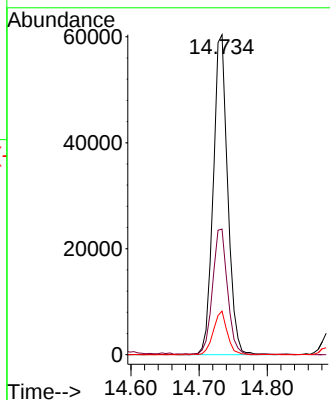
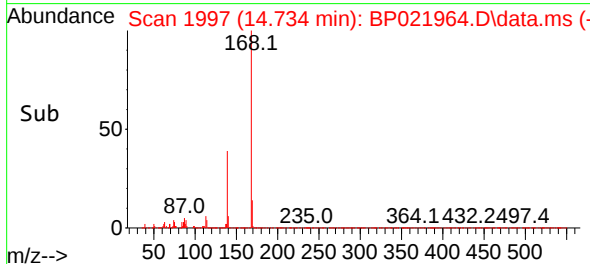
Instrument : BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2024



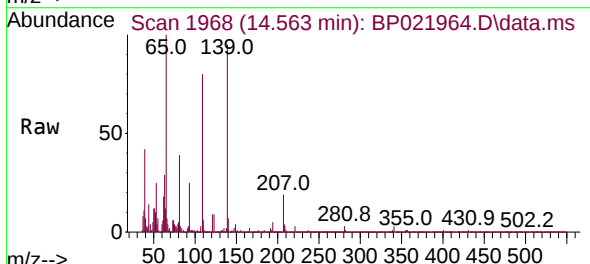
Tgt Ion:168 Resp: 8900
Ion Ratio Lower Upper
168 100
139 39.2 33.0 49.4
169 13.6 10.7 16.1

Manual Integrations
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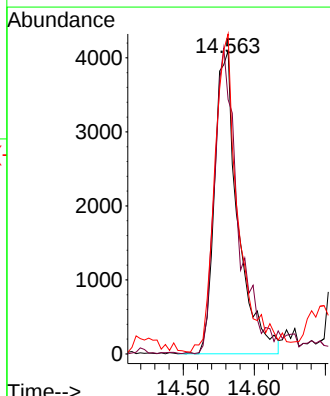
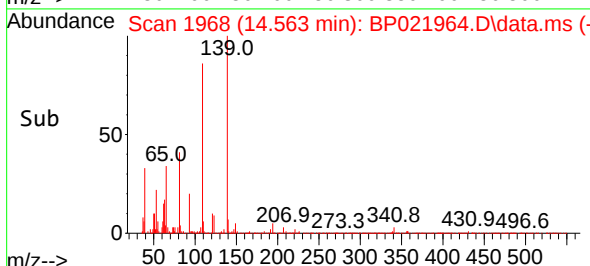
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024

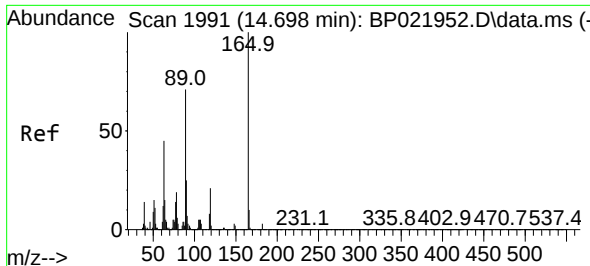


#56
4-Nitrophenol
Concen: 3.520 ng
RT: 14.563 min Scan# 1968
Delta R.T. 0.012 min
Lab File: BP021964.D
Acq: 20 Sep 2024 12:30



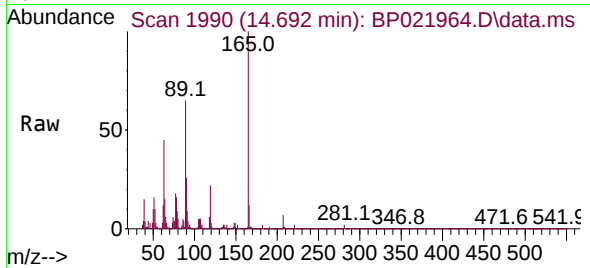
Tgt Ion:139 Resp: 9309
Ion Ratio Lower Upper
139 100
109 83.9 88.6 128.6#
65 105.5 88.7 128.7





#57
2,4-Dinitrotoluene
Concen: 3.762 ng
RT: 14.692 min Scan# 1990
Delta R.T. -0.006 min
Lab File: BP021964.D
Acq: 20 Sep 2024 12:30

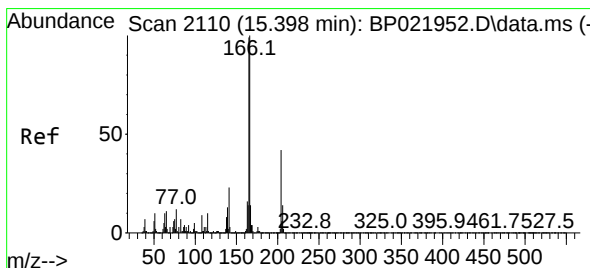
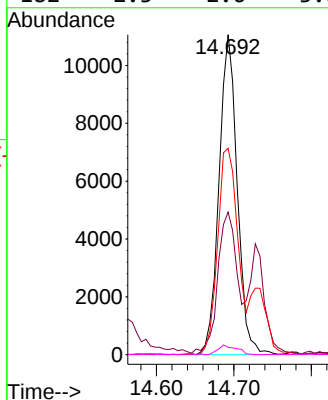
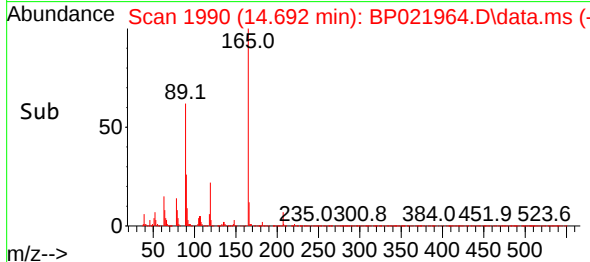
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion:165 Resp: 1813
Ion Ratio Lower Upper
165 100
63 44.6 36.3 54.5
89 64.5 57.2 85.8
182 2.3 2.6 3.8#

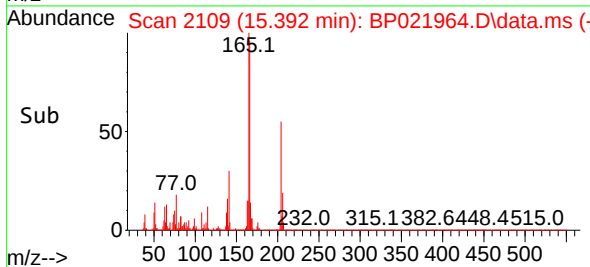
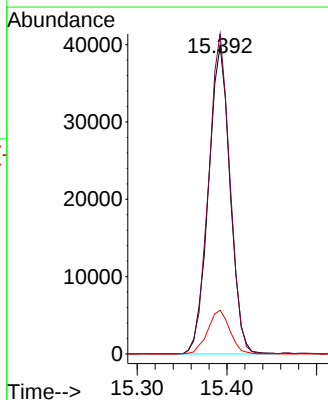
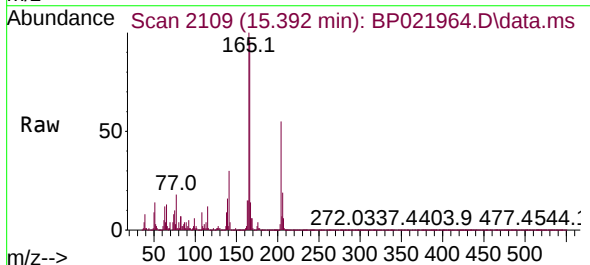
Manual Integrations
APPROVED

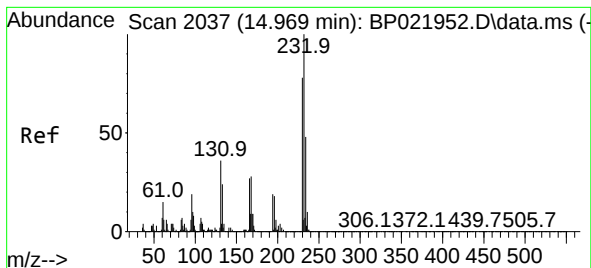
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#58
Fluorene
Concen: 4.450 ng
RT: 15.392 min Scan# 2109
Delta R.T. -0.006 min
Lab File: BP021964.D
Acq: 20 Sep 2024 12:30

Tgt Ion:166 Resp: 66713
Ion Ratio Lower Upper
166 100
165 103.8 79.4 119.2
167 14.2 10.9 16.3





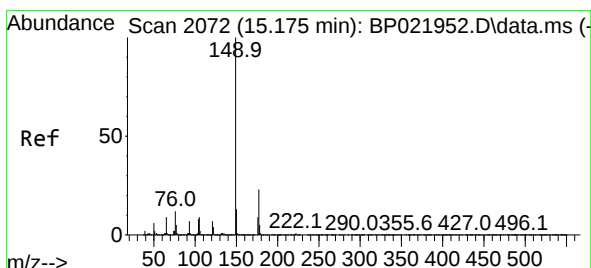
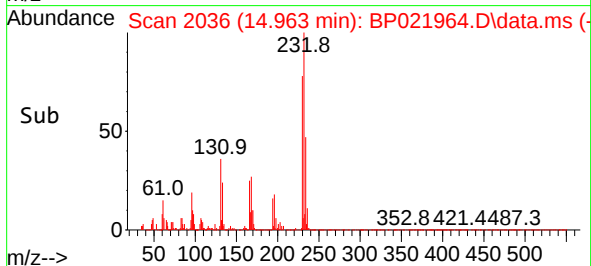
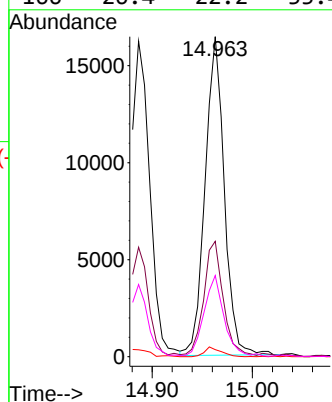
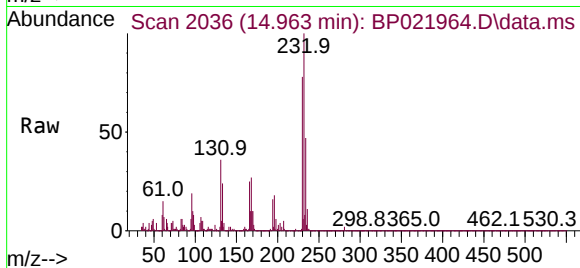
#59
2,3,4,6-Tetrachlorophenol
Concen: 4.468 ng
RT: 14.963 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BP021964.D
Acq: 20 Sep 2024 12:30

Instrument : BNA_P
ClientSampleId : LOQ-WATER-02-QT2-2024

Tgt Ion:232 Resp: 2191
Ion Ratio Lower Upper
232 100
131 36.0 30.2 45.4
130 2.6 1.9 2.9
166 26.4 22.2 33.4

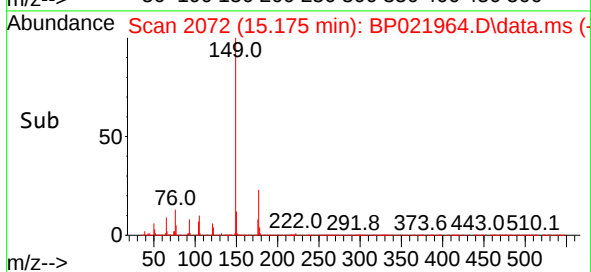
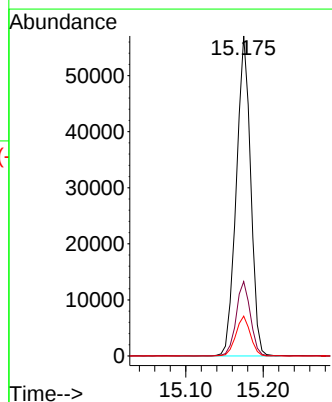
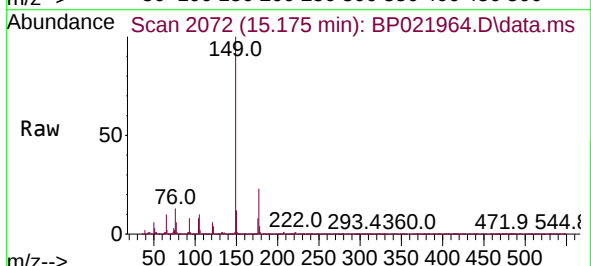
Manual Integrations
APPROVED

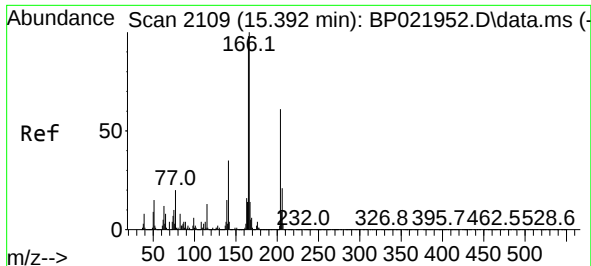
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#60
Diethylphthalate
Concen: 4.728 ng
RT: 15.175 min Scan# 2072
Delta R.T. 0.000 min
Lab File: BP021964.D
Acq: 20 Sep 2024 12:30

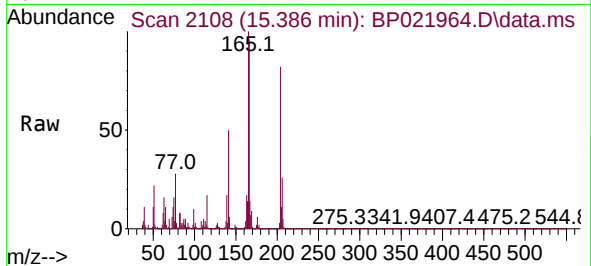
Tgt Ion:149 Resp: 73510
Ion Ratio Lower Upper
149 100
177 23.2 18.2 27.4
150 12.5 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 4.691 ng
RT: 15.386 min Scan# 2108
Delta R.T. -0.006 min
Lab File: BP021964.D
Acq: 20 Sep 2024 12:30

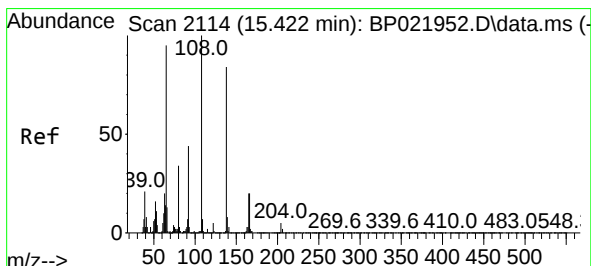
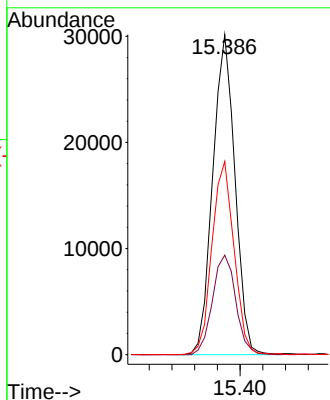
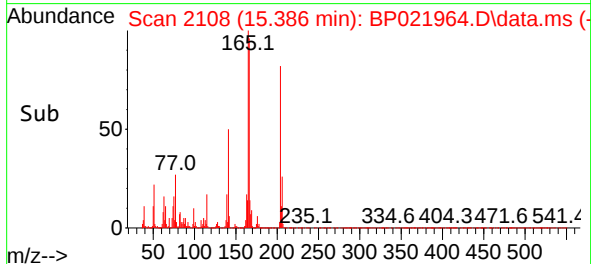
Instrument : BNA_P
ClientSampleId : LOQ-WATER-02-QT2-2024



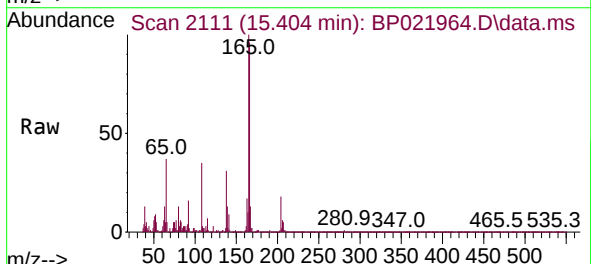
Tgt Ion:204 Resp: 4094
Ion Ratio Lower Upper
204 100
206 31.1 27.3 40.9
141 60.3 45.7 68.5

Manual Integrations
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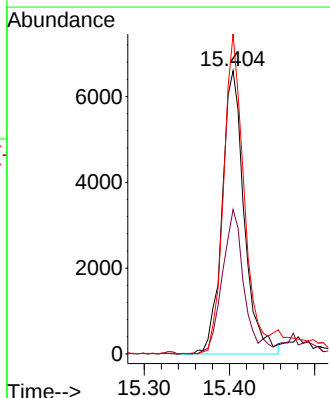
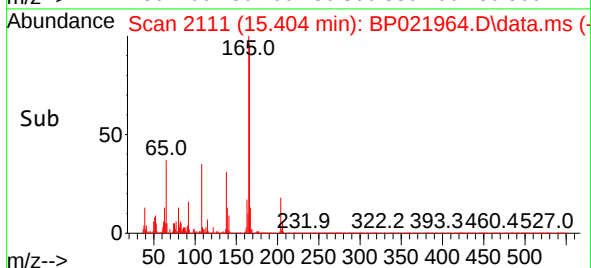
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024

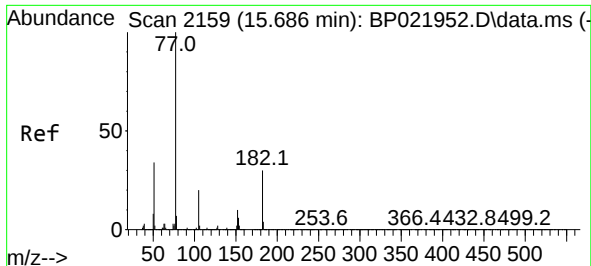


#62
4-Nitroaniline
Concen: 3.566 ng
RT: 15.404 min Scan# 2111
Delta R.T. -0.018 min
Lab File: BP021964.D
Acq: 20 Sep 2024 12:30



Tgt Ion:138 Resp: 11915
Ion Ratio Lower Upper
138 100
92 51.0 32.6 72.6
108 113.0 98.6 138.6





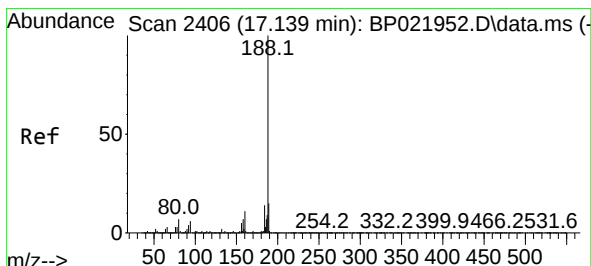
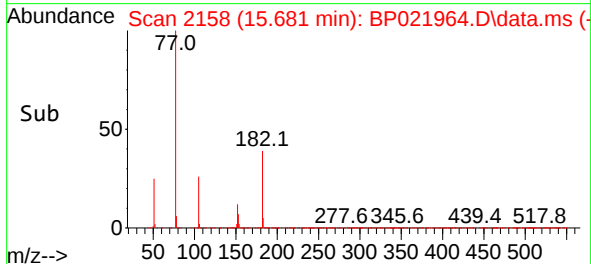
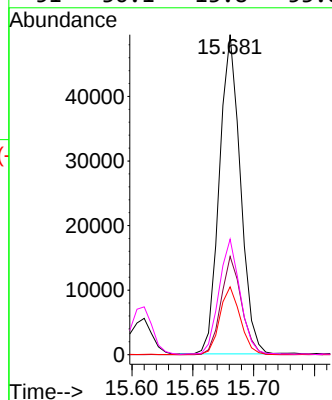
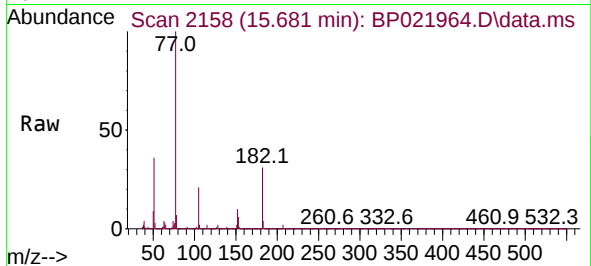
#63
Azobenzene
Concen: 4.618 ng
RT: 15.681 min Scan# 2159
Delta R.T. -0.006 min
Lab File: BP021964.D
Acq: 20 Sep 2024 12:30

Instrument : BNA_P
ClientSampleId : LOQ-WATER-02-QT2-2024

Tgt Ion	Ratio	Lower	Upper
77	100		
182	30.7	9.6	49.6
105	21.2	0.0	39.8
51	36.1	13.8	53.8

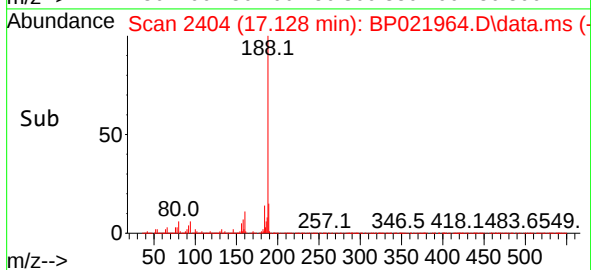
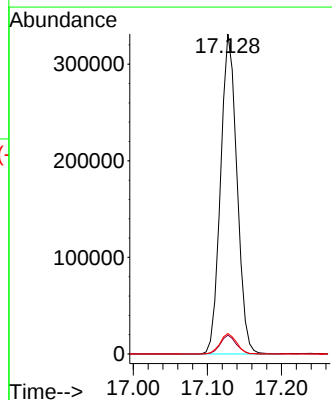
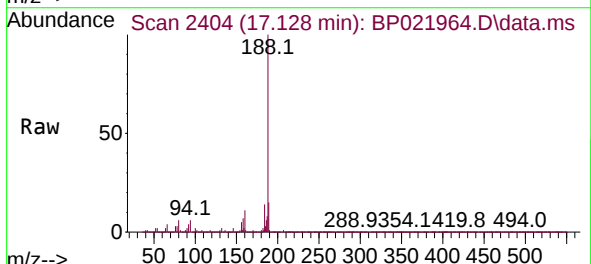
Manual Integrations
APPROVED

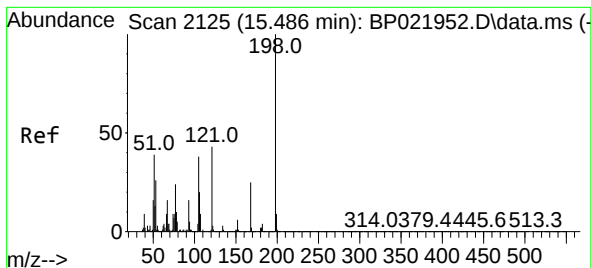
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.128 min Scan# 2404
Delta R.T. -0.012 min
Lab File: BP021964.D
Acq: 20 Sep 2024 12:30

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.9	4.6	6.8
80	6.4	5.4	8.2





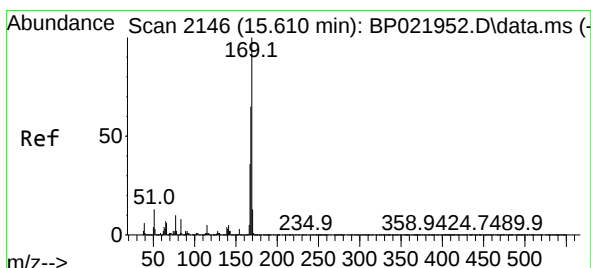
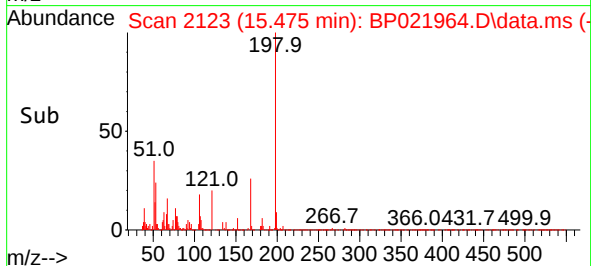
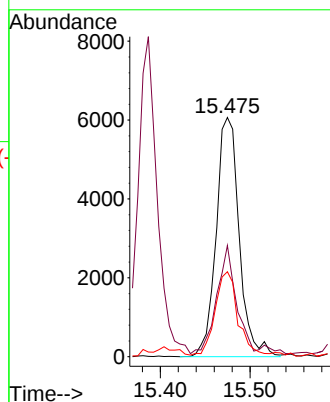
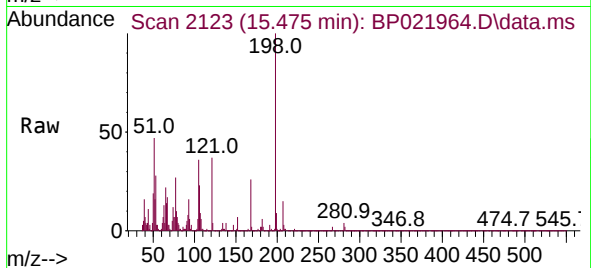
#65
4,6-Dinitro-2-methylphenol
Concen: 3.664 ng
RT: 15.475 min Scan# 2125
Delta R.T. -0.012 min
Lab File: BP021964.D
Acq: 20 Sep 2024 12:30

Instrument : BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2024

Tgt Ion:198 Resp: 1081
Ion Ratio Lower Upper
198 100
51 46.5 20.7 60.7
105 35.5 18.4 58.4

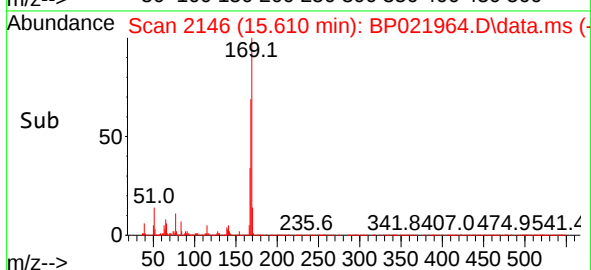
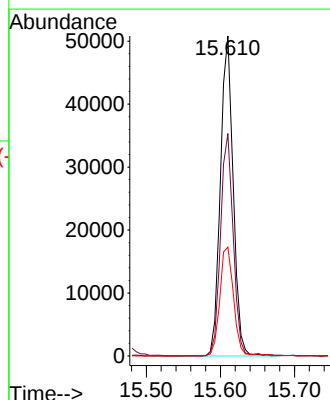
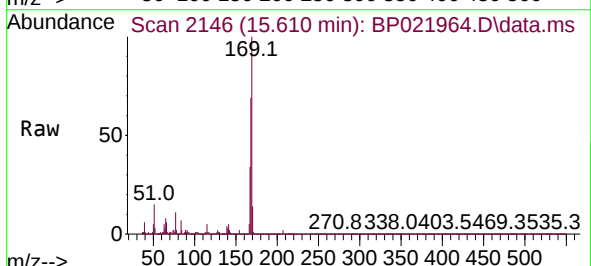
Manual Integrations
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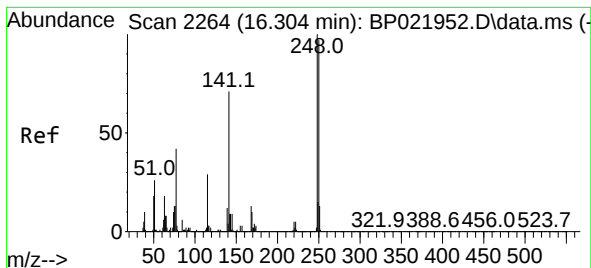
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#66
n-Nitrosodiphenylamine
Concen: 4.806 ng
RT: 15.610 min Scan# 2146
Delta R.T. 0.000 min
Lab File: BP021964.D
Acq: 20 Sep 2024 12:30

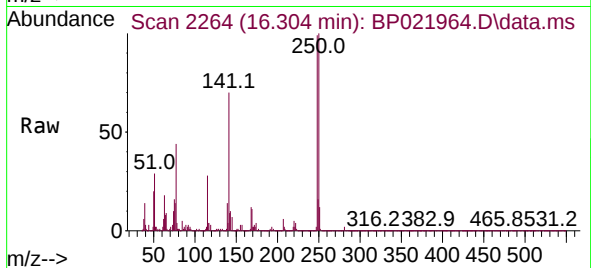
Tgt Ion:169 Resp: 60913
Ion Ratio Lower Upper
169 100
168 69.5 52.2 78.4
167 34.0 28.6 42.8





#67
4-Bromophenyl-phenylether
Concen: 4.688 ng
RT: 16.304 min Scan# 2264
Delta R.T. 0.000 min
Lab File: BP021964.D
Acq: 20 Sep 2024 12:30

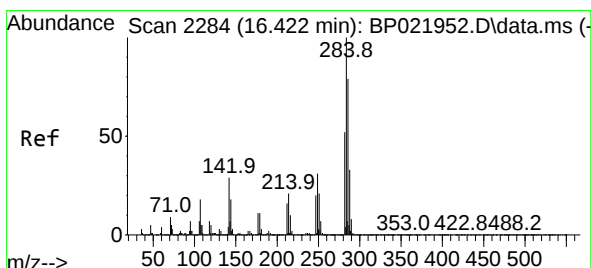
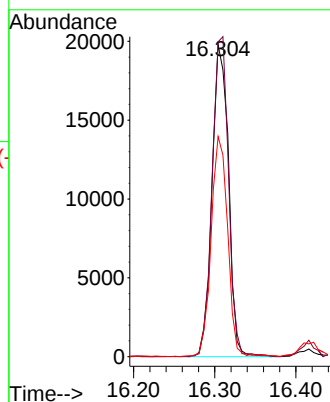
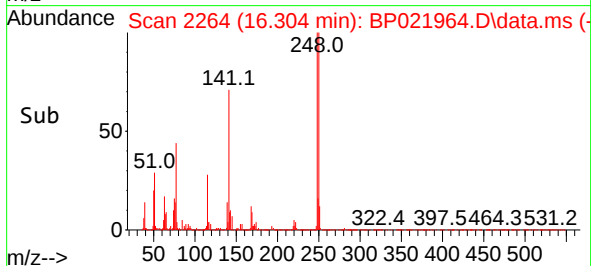
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion: 248 Resp: 2782
Ion Ratio Lower Upper
248 100
250 101.0 77.5 116.3
141 70.6 56.5 84.7

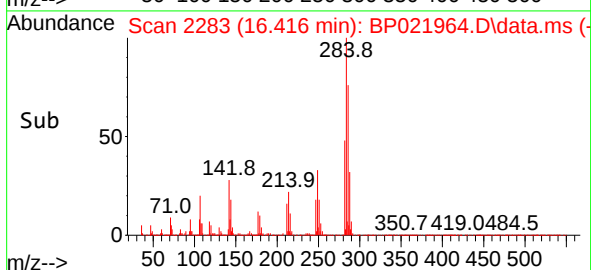
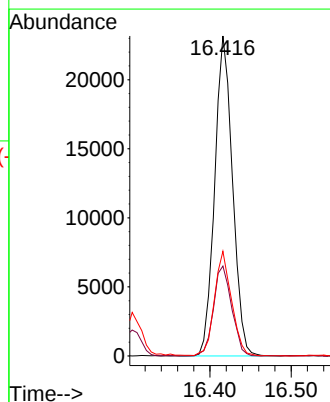
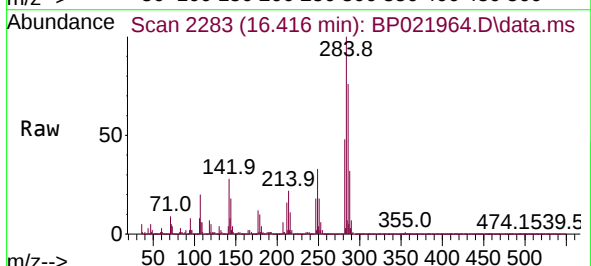
Manual Integrations
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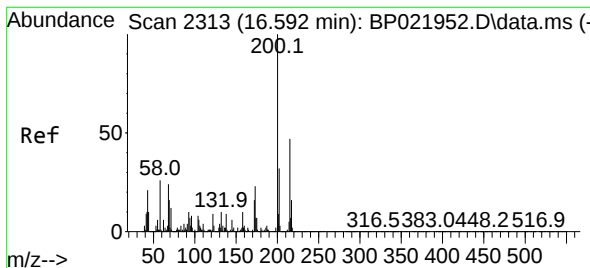
Reviewed By : Jagrut Upadhyay 09/20/2024
Supervised By : mohammad ahmed 09/24/2024



#68
Hexachlorobenzene
Concen: 4.781 ng
RT: 16.416 min Scan# 2283
Delta R.T. -0.006 min
Lab File: BP021964.D
Acq: 20 Sep 2024 12:30

Tgt Ion: 284 Resp: 35371
Ion Ratio Lower Upper
284 100
142 28.1 22.9 34.3
249 32.7 25.2 37.8





#69

Atrazine

Concen: 5.367 ng

RT: 16.592 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP021964.D

Acq: 20 Sep 2024 12:30

Instrument :

BNA_P

ClientSampleId :

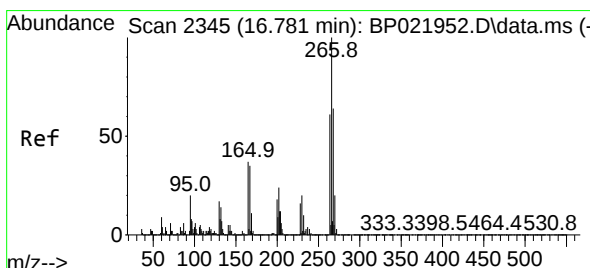
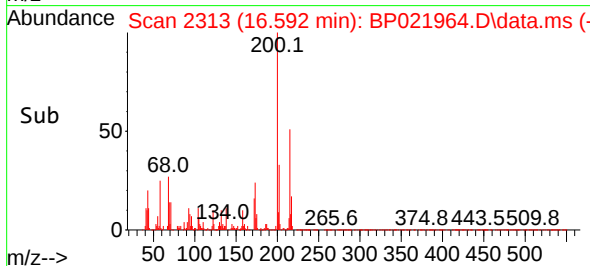
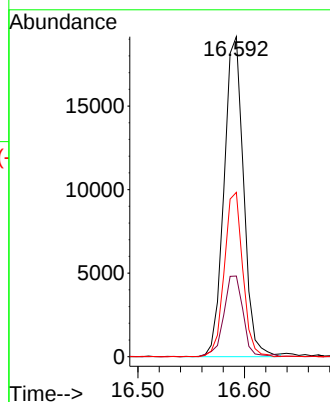
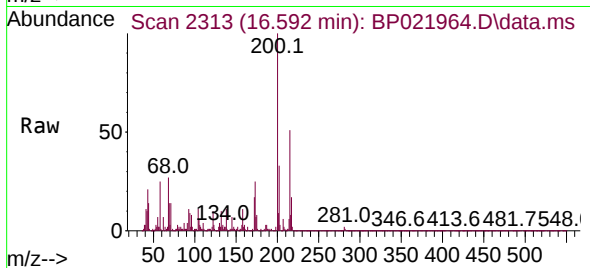
LOQ-WATER-02-QT2-2024

Tgt Ion:200 Resp: 2437
 Ion Ratio Lower Upper
 200 100
 173 25.2 3.0 43.0
 215 51.4 27.4 67.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 09/20/2024
 Supervised By :mohammad ahmed 09/24/2024



#70

Pentachlorophenol

Concen: 3.762 ng

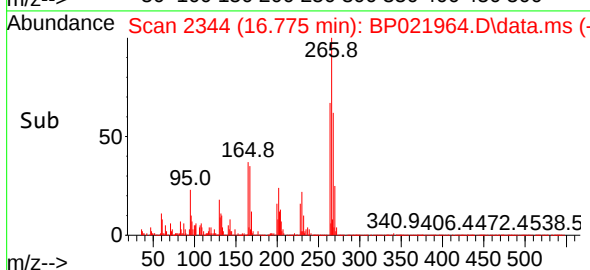
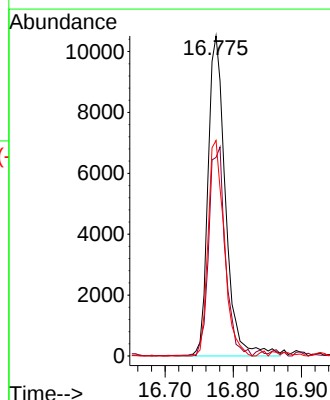
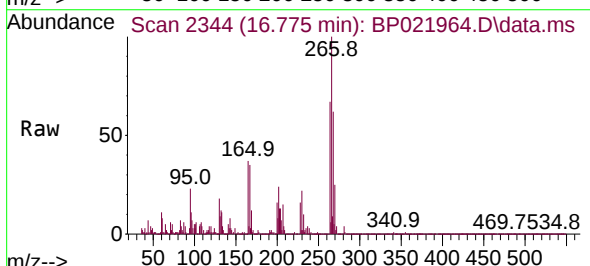
RT: 16.775 min Scan# 2344

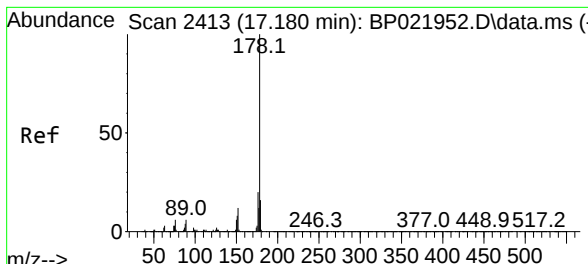
Delta R.T. -0.006 min

Lab File: BP021964.D

Acq: 20 Sep 2024 12:30

Tgt Ion:266 Resp: 18723
 Ion Ratio Lower Upper
 266 100
 268 62.1 51.1 76.7
 264 67.4 48.6 72.8



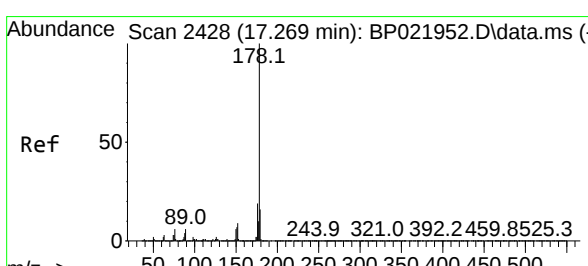
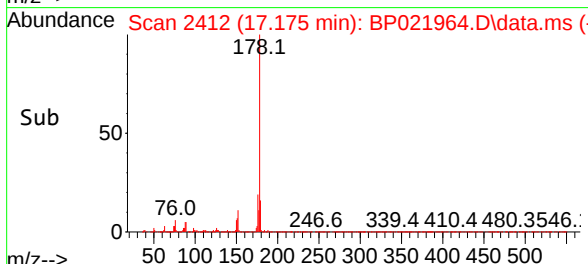
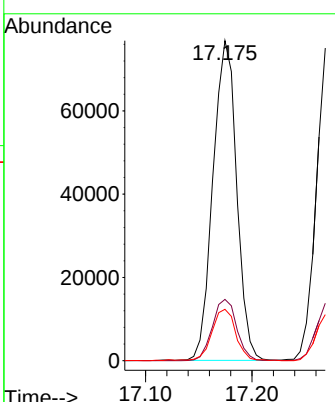
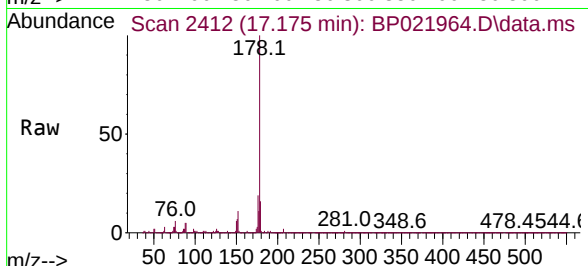


#71
 Phenanthrene
 Concen: 4.842 ng
 RT: 17.175 min Scan# 2412
 Delta R.T. -0.006 min
 Lab File: BP021964.D
 Acq: 20 Sep 2024 12:30

Instrument : BNA_P
 ClientSampleId :
 LOQ-WATER-02-QT2-2024

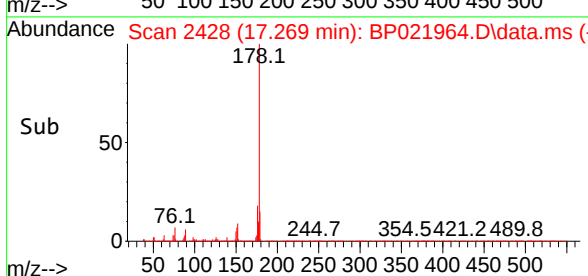
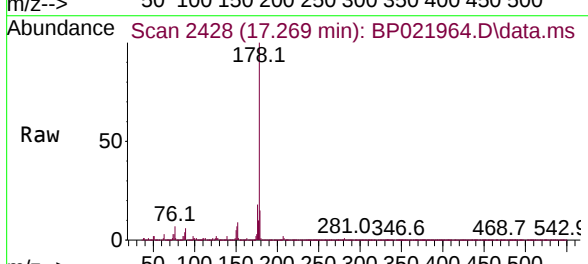
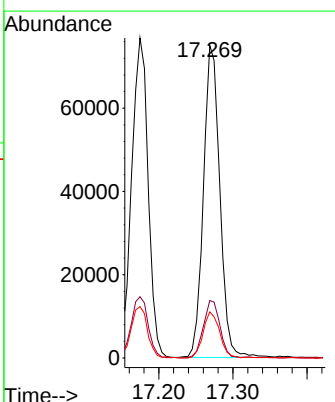
Tgt Ion:	178	Resp:	11831
Ion Ratio	Lower	Upper	
178	100		
176	19.1	15.9	23.9
179	16.1	12.5	18.7

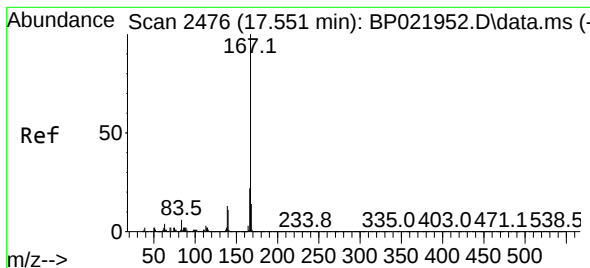
Manual Integrations
APPROVED
 Reviewed By :Jagrut Upadhyay 09/20/2024
 Supervised By :mohammad ahmed 09/24/2024



#72
 Anthracene
 Concen: 4.878 ng
 RT: 17.269 min Scan# 2428
 Delta R.T. 0.000 min
 Lab File: BP021964.D
 Acq: 20 Sep 2024 12:30

Tgt Ion:	178	Resp:	115385
Ion Ratio	Lower	Upper	
178	100		
176	18.4	15.0	22.6
179	14.8	12.6	18.8





#73

Carbazole

Concen: 4.414 ng

RT: 17.539 min Scan# 2476

Delta R.T. -0.012 min

Lab File: BP021964.D

Acq: 20 Sep 2024 12:30

Instrument :

BNA_P

ClientSampleId :

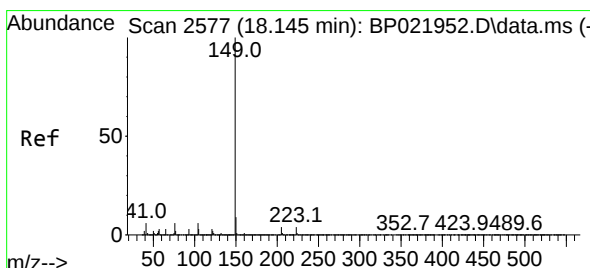
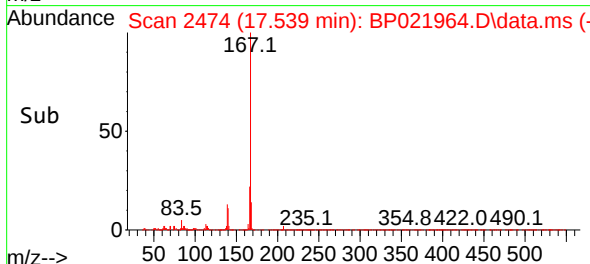
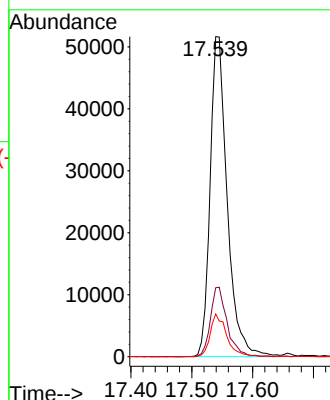
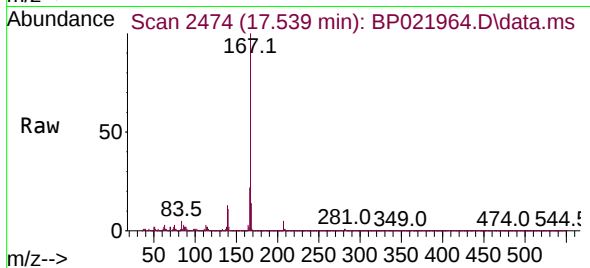
LOQ-WATER-02-QT2-2024

Tgt Ion:167	Resp: 100840
Ion Ratio	Lower Upper
167 100	
166 21.6	17.4 26.0
139 13.4	10.5 15.7

Manual Integrations

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Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#74

Di-n-butylphthalate

Concen: 4.223 ng

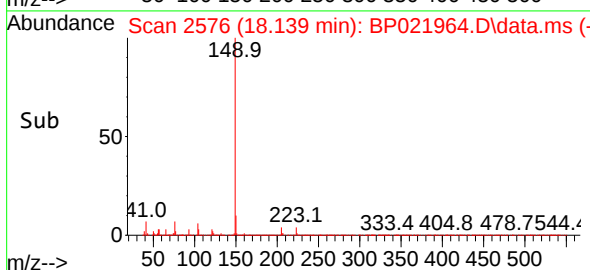
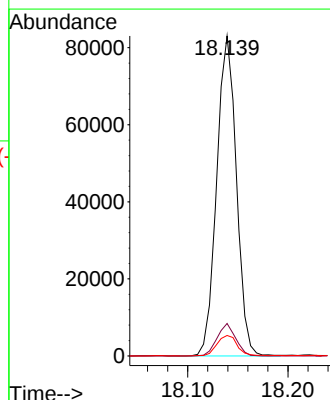
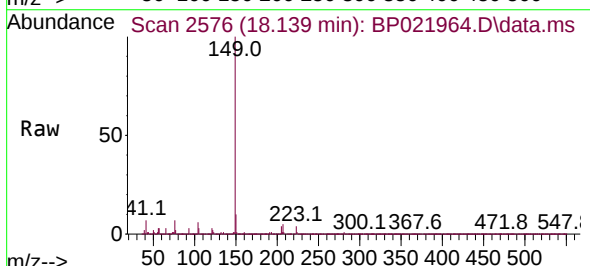
RT: 18.139 min Scan# 2576

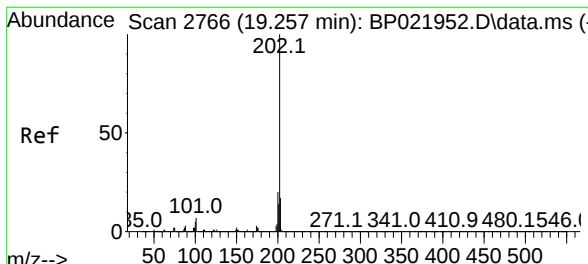
Delta R.T. -0.006 min

Lab File: BP021964.D

Acq: 20 Sep 2024 12:30

Tgt Ion:149	Resp: 113321
Ion Ratio	Lower Upper
149 100	
150 10.1	7.3 10.9
104 6.4	4.6 6.8





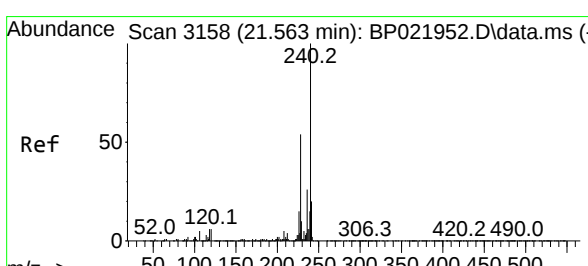
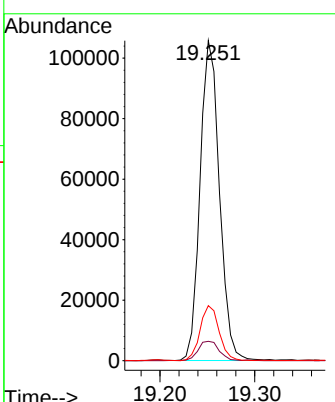
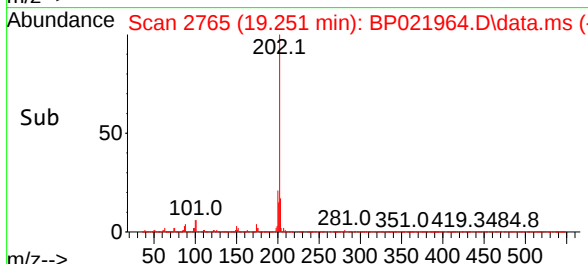
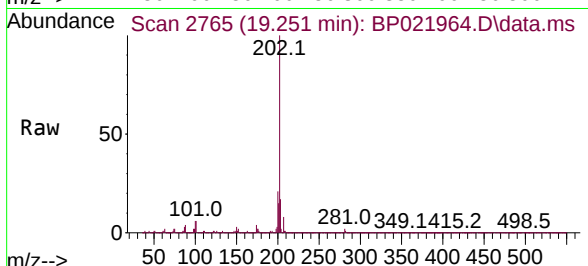
#75
 Fluoranthene
 Concen: 4.408 ng
 RT: 19.251 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP021964.D
 Acq: 20 Sep 2024 12:30

Instrument : BNA_P
 ClientSampleId :
 LOQ-WATER-02-QT2-2024

Tgt Ion:	202	Resp:	150358
Ion Ratio	Lower	Upper	
202	100		
101	6.0	0.0	26.5
203	17.2	0.0	37.3

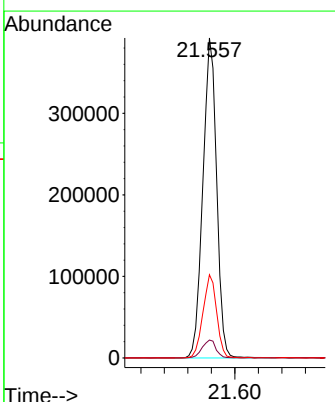
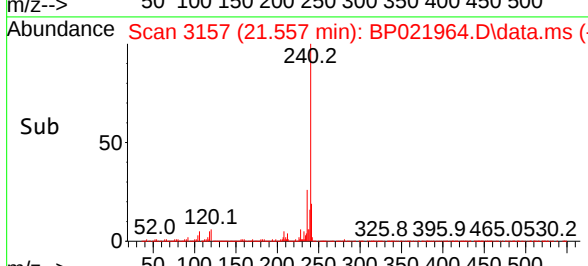
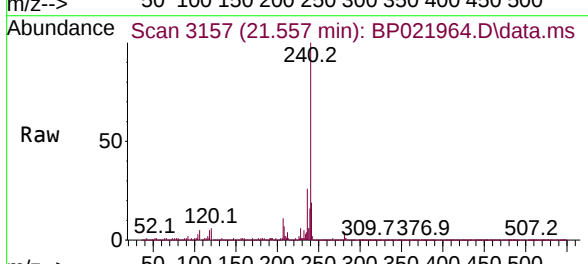
Manual Integrations
 APPROVED

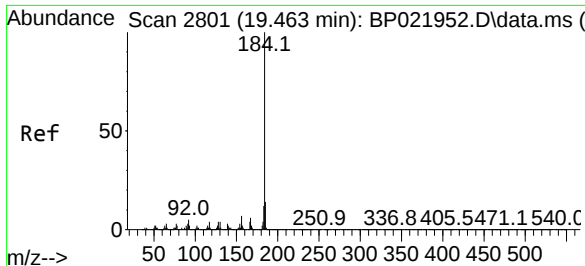
Reviewed By :Jagrut Upadhyay 09/20/2024
 Supervised By :mohammad ahmed 09/24/2024



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.557 min Scan# 3157
 Delta R.T. -0.006 min
 Lab File: BP021964.D
 Acq: 20 Sep 2024 12:30

Tgt Ion:	240	Resp:	637489
Ion Ratio	Lower	Upper	
240	100		
120	5.6	5.1	7.7
236	26.0	20.7	31.1





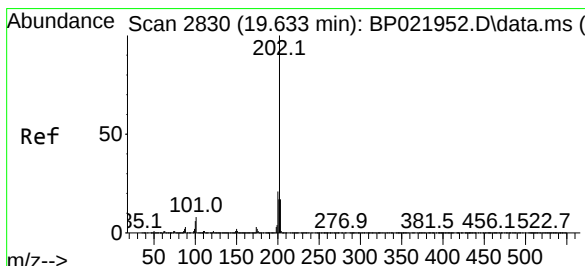
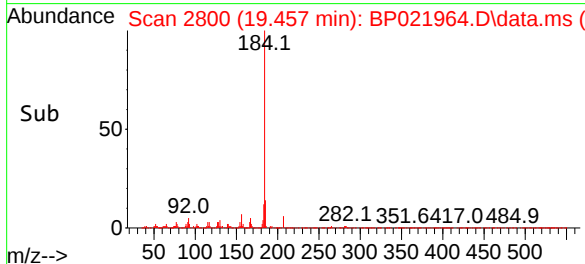
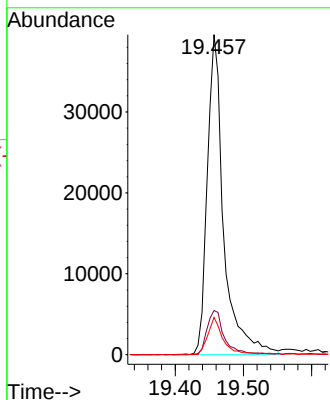
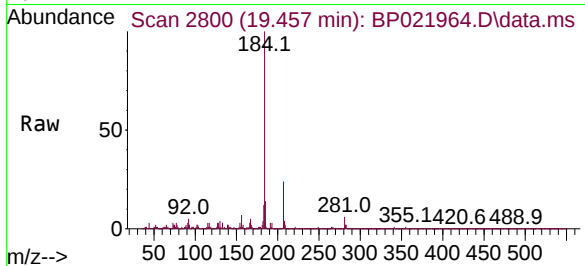
#77
Benzidine
Concen: 8.484 ng
RT: 19.457 min Scan# 2800
Delta R.T. -0.006 min
Lab File: BP021964.D
Acq: 20 Sep 2024 12:30

Instrument : BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2024

Tgt Ion:184 Resp: 6609
Ion Ratio Lower Upper
184 100
185 13.8 10.9 16.3
183 11.7 9.2 13.8

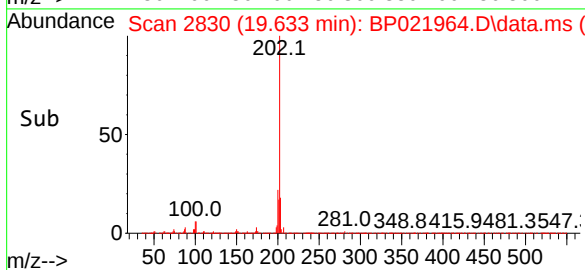
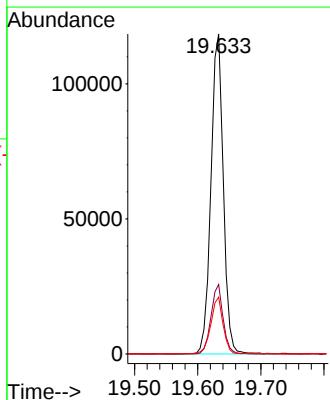
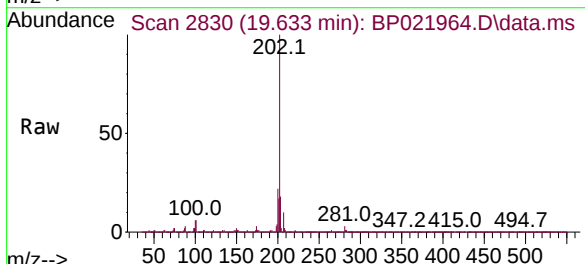
Manual Integrations
APPROVED

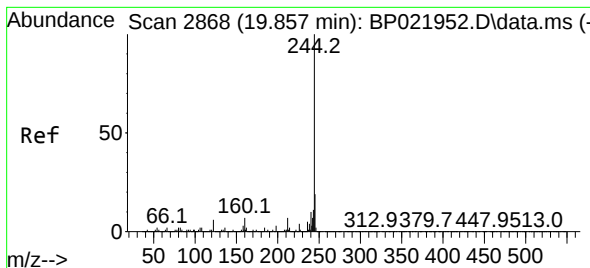
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#78
Pyrene
Concen: 4.175 ng
RT: 19.633 min Scan# 2830
Delta R.T. 0.000 min
Lab File: BP021964.D
Acq: 20 Sep 2024 12:30

Tgt Ion:202 Resp: 161012
Ion Ratio Lower Upper
202 100
200 21.7 16.8 25.2
203 17.8 13.8 20.8





#79

Terphenyl-d14

Concen: 79.992 ng

RT: 19.851 min Scan# 2868

Delta R.T. -0.006 min

Lab File: BP021964.D

Acq: 20 Sep 2024 12:30

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT2-2024

Tgt Ion:244 Resp: 271464

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

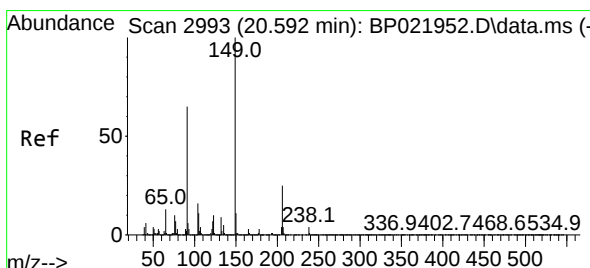
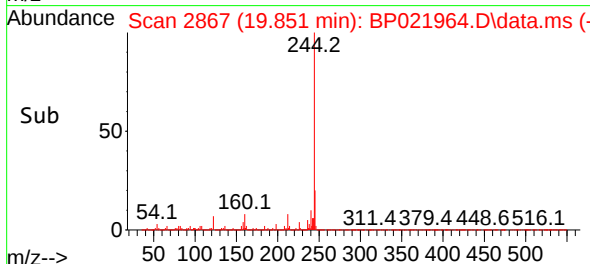
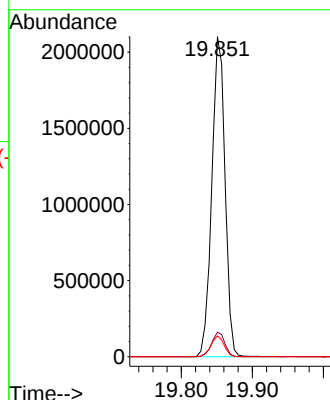
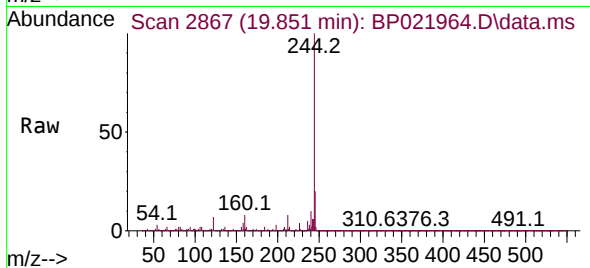
122 6.5 5.0 7.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 09/20/2024

Supervised By :mohammad ahmed 09/24/2024



#80

Butylbenzylphthalate

Concen: 3.848 ng

RT: 20.586 min Scan# 2992

Delta R.T. -0.006 min

Lab File: BP021964.D

Acq: 20 Sep 2024 12:30

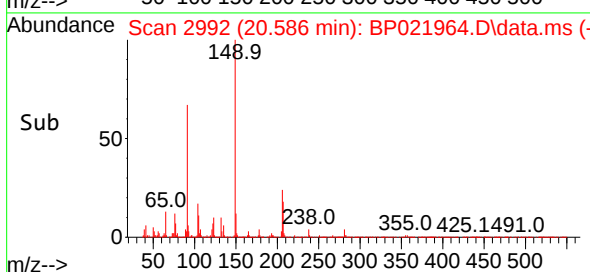
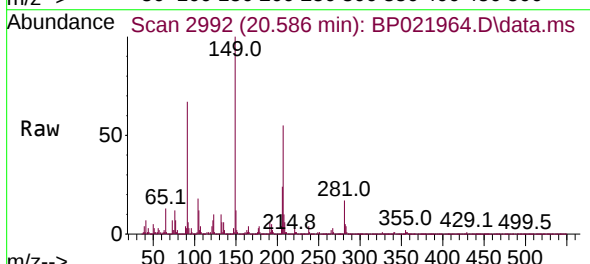
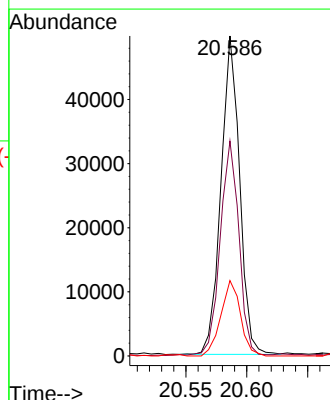
Tgt Ion:149 Resp: 52926

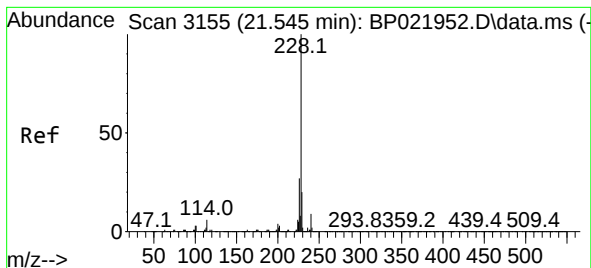
Ion Ratio Lower Upper

149 100

91 67.2 51.9 77.9

206 23.6 20.1 30.1





#81

Benzo(a)anthracene

Concen: 4.740 ng

RT: 21.539 min Scan# 3155

Delta R.T. -0.006 min

Lab File: BP021964.D

Acq: 20 Sep 2024 12:30

Instrument :

BNA_P

ClientSampleId :

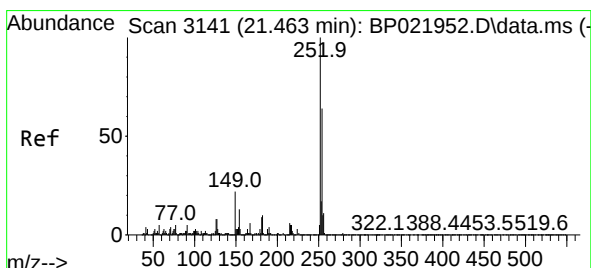
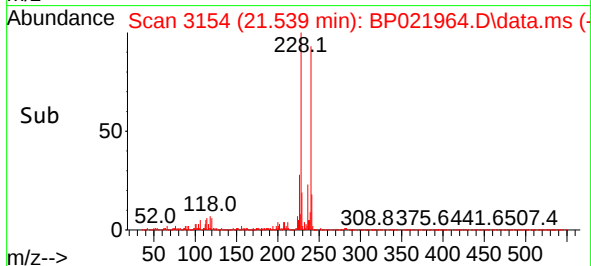
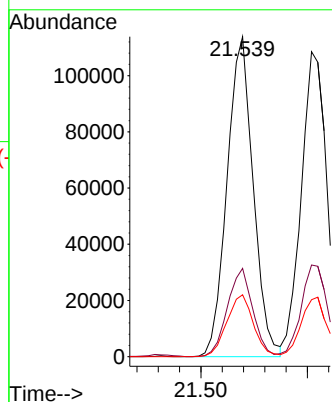
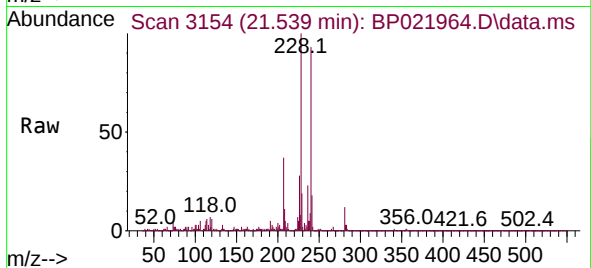
LOQ-WATER-02-QT2-2024

Tgt Ion:	228	Resp:	19416
Ion Ratio	Lower	Upper	
228	100		
226	27.6	21.5	32.3
229	19.4	15.7	23.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#82

3,3'-Dichlorobenzidine

Concen: 4.330 ng

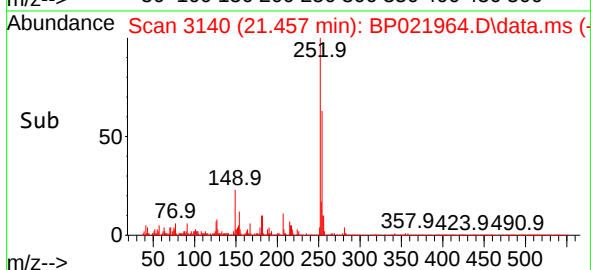
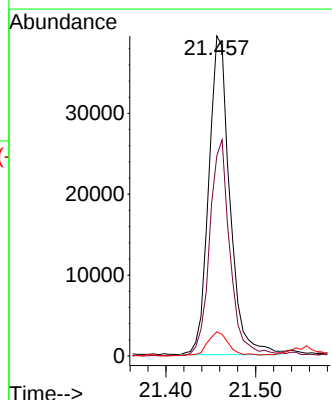
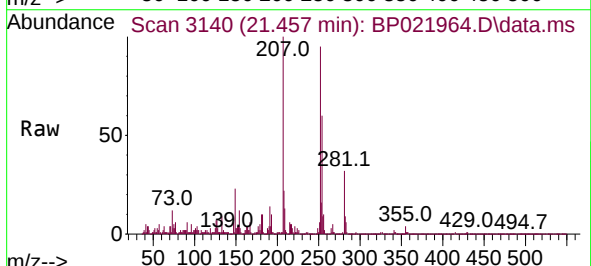
RT: 21.457 min Scan# 3140

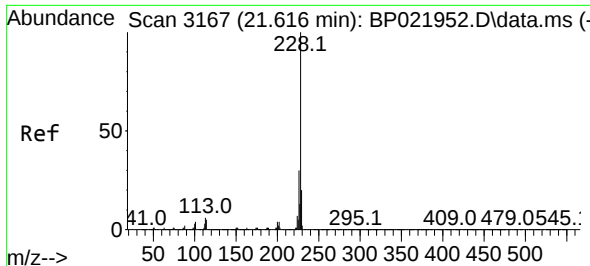
Delta R.T. -0.006 min

Lab File: BP021964.D

Acq: 20 Sep 2024 12:30

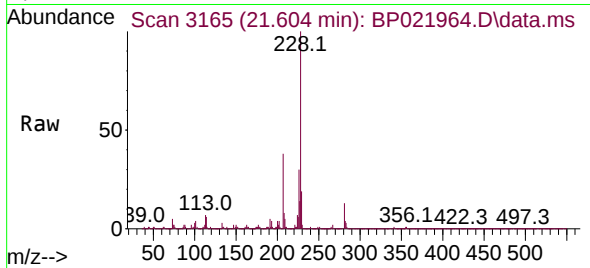
Tgt Ion:	252	Resp:	64355
Ion Ratio	Lower	Upper	
252	100		
254	62.6	51.4	77.2
126	7.5	6.2	9.4





#83
Chrysene
Concen: 4.660 ng
RT: 21.604 min Scan# 3165
Delta R.T. -0.012 min
Lab File: BP021964.D
Acq: 20 Sep 2024 12:30

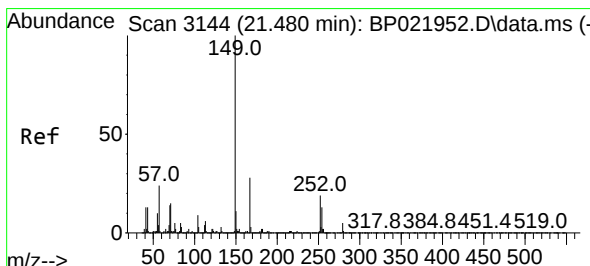
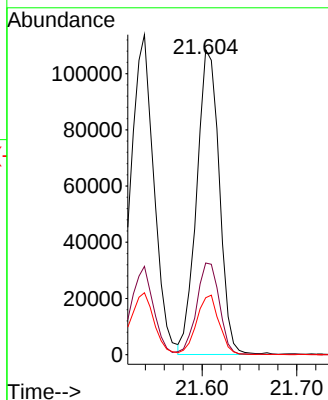
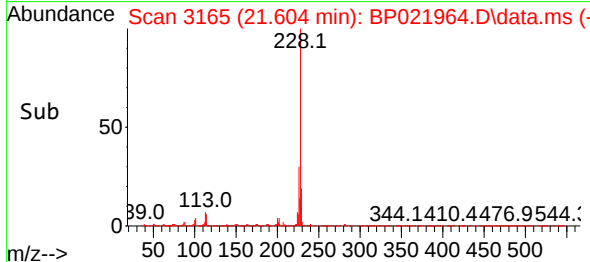
Instrument : BNA_P
ClientSampleId : LOQ-WATER-02-QT2-2024



Tgt Ion:228 Resp: 179734
Ion Ratio Lower Upper
228 100
226 30.1 24.2 36.4
229 18.7 15.7 23.5

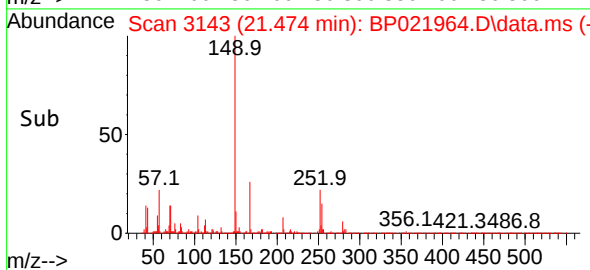
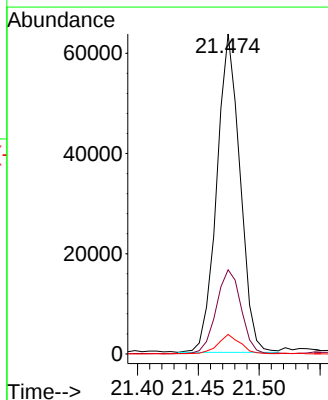
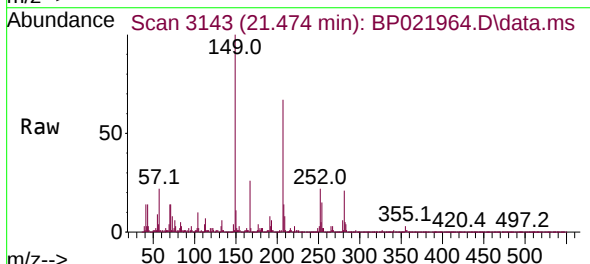
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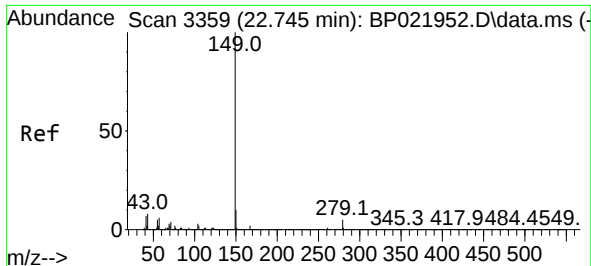
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#84
Bis(2-ethylhexyl)phthalate
Concen: 4.187 ng
RT: 21.474 min Scan# 3143
Delta R.T. -0.006 min
Lab File: BP021964.D
Acq: 20 Sep 2024 12:30

Tgt Ion:149 Resp: 84522
Ion Ratio Lower Upper
149 100
167 26.3 22.3 33.5
279 6.1 4.2 6.2





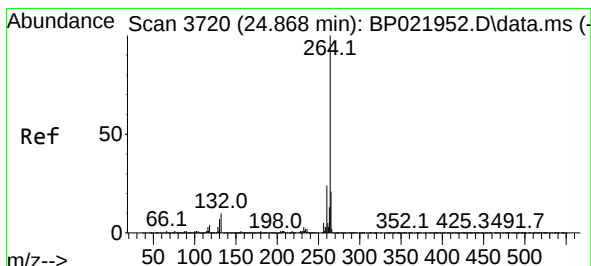
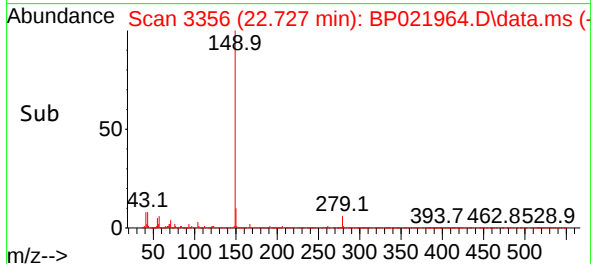
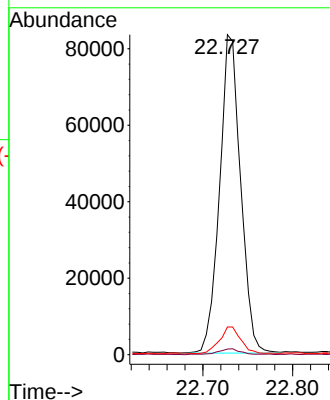
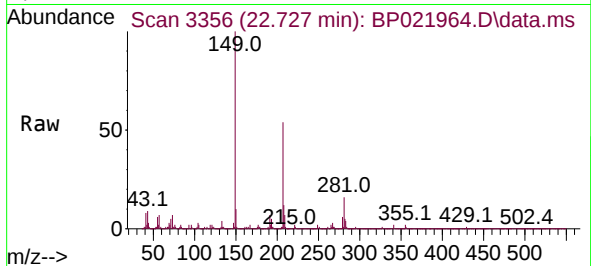
#85
Di-n-octyl phthalate
Concen: 3.954 ng
RT: 22.727 min Scan# 31
Delta R.T. -0.018 min
Lab File: BP021964.D
Acq: 20 Sep 2024 12:30

Instrument : BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2024

Tgt Ion:149 Resp: 13555
Ion Ratio Lower Upper
149 100
167 2.0 1.4 2.0
43 8.6 6.2 9.4

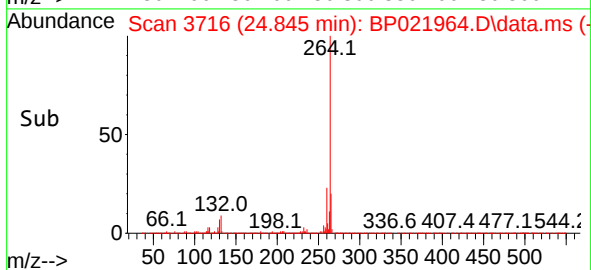
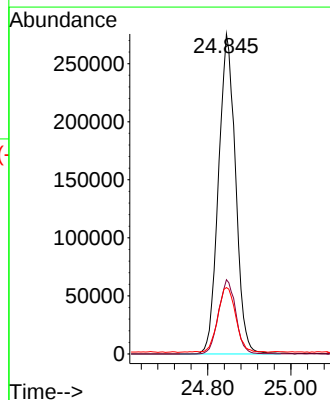
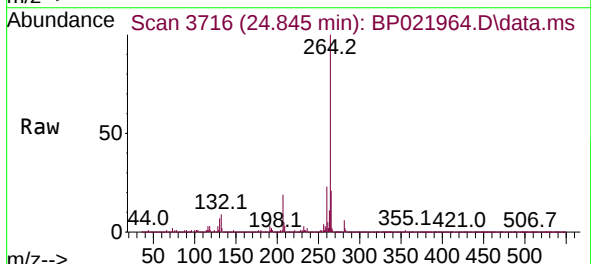
Manual Integrations
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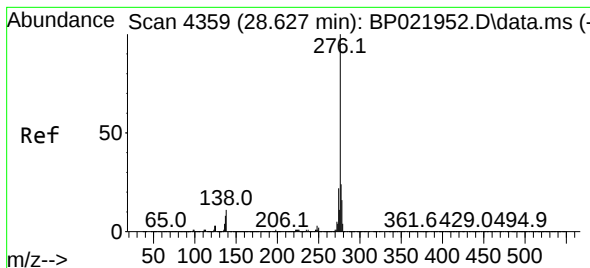
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.845 min Scan# 3716
Delta R.T. -0.024 min
Lab File: BP021964.D
Acq: 20 Sep 2024 12:30

Tgt Ion:264 Resp: 783960
Ion Ratio Lower Upper
264 100
260 23.2 18.9 28.3
265 20.8 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 4.785 ng

RT: 28.580 min Scan# 41

Delta R.T. -0.047 min

Lab File: BP021964.D

Acq: 20 Sep 2024 12:30

Instrument :

BNA_P

ClientSampleId :

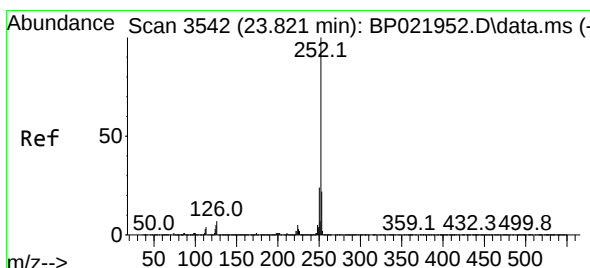
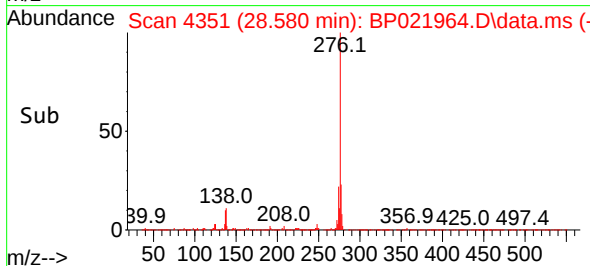
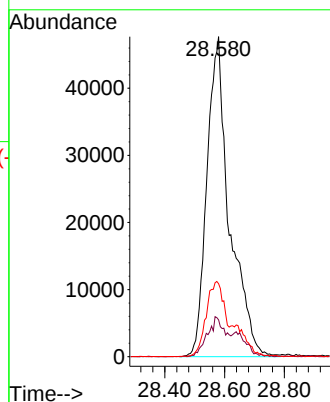
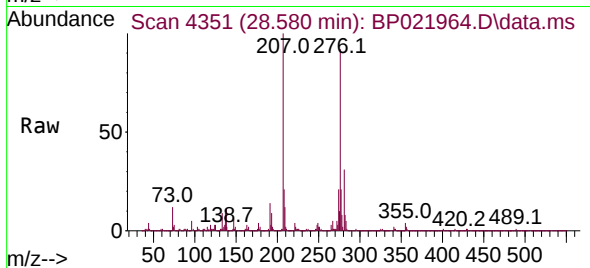
LOQ-WATER-02-QT2-2024

Tgt Ion:	276	Resp:	24949
Ion Ratio	Lower	Upper	
276	100		
138	10.1	7.8	11.8
277	19.2	20.5	30.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#88

Benzo(b)fluoranthene

Concen: 4.406 ng

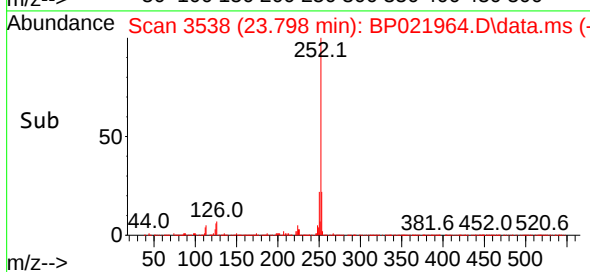
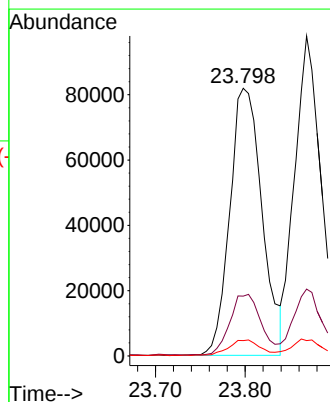
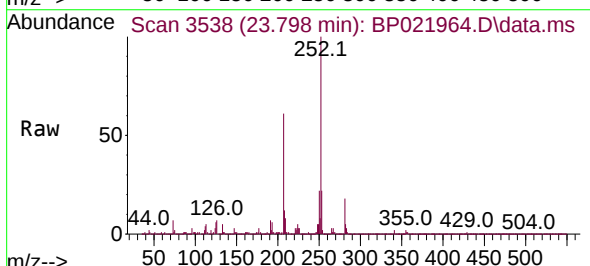
RT: 23.798 min Scan# 3538

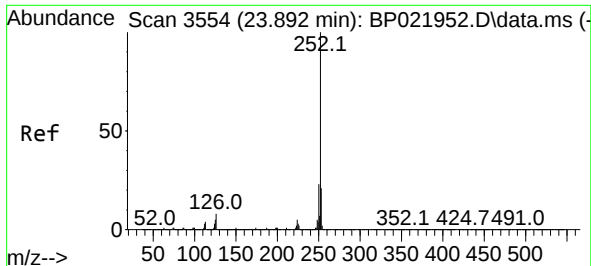
Delta R.T. -0.024 min

Lab File: BP021964.D

Acq: 20 Sep 2024 12:30

Tgt Ion:	252	Resp:	204264
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.4	26.0
125	5.8	4.2	6.2





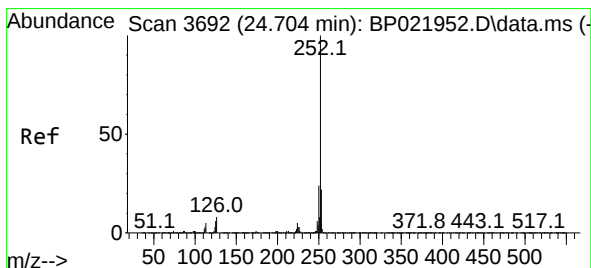
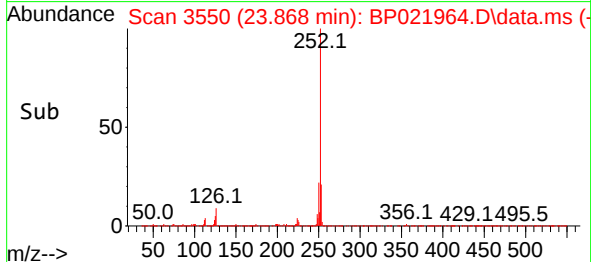
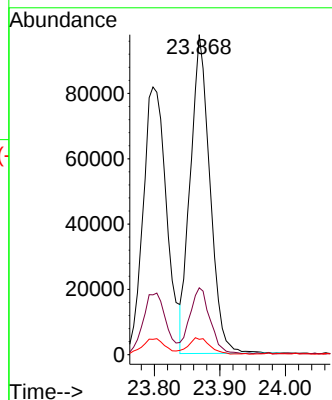
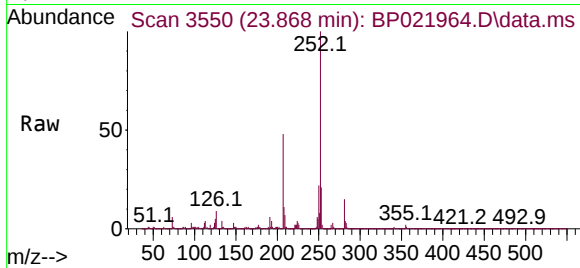
#89
Benzo(k)fluoranthene
Concen: 4.606 ng
RT: 23.868 min Scan# 3554
Delta R.T. -0.024 min
Lab File: BP021964.D
Acq: 20 Sep 2024 12:30

Instrument : BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2024

Tgt Ion:252 Resp: 20208
Ion Ratio Lower Upper
252 100
253 20.9 17.0 25.6
125 4.8 4.3 6.5

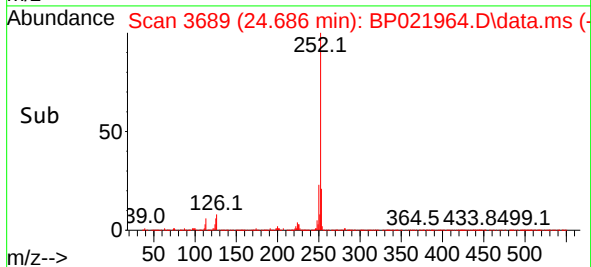
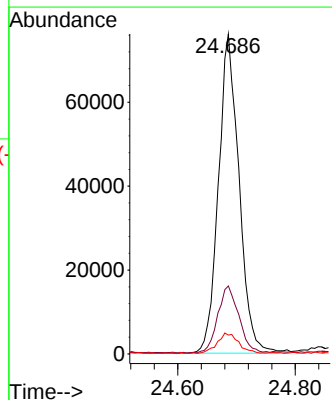
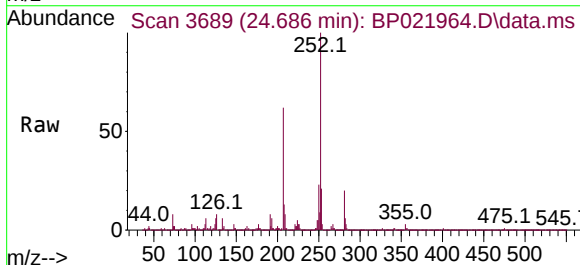
Manual Integrations
APPROVED

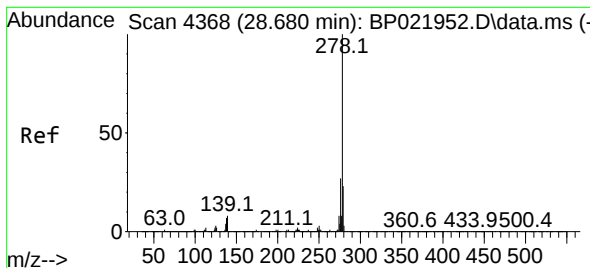
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#90
Benzo(a)pyrene
Concen: 4.625 ng
RT: 24.686 min Scan# 3689
Delta R.T. -0.018 min
Lab File: BP021964.D
Acq: 20 Sep 2024 12:30

Tgt Ion:252 Resp: 184714
Ion Ratio Lower Upper
252 100
253 21.3 17.6 26.4
125 5.9 5.0 7.6





#91

Dibenzo(a,h)anthracene

Concen: 4.761 ng

RT: 28.650 min Scan# 41

Delta R.T. -0.029 min

Lab File: BP021964.D

Acq: 20 Sep 2024 12:30

Instrument :

BNA_P

ClientSampleId :

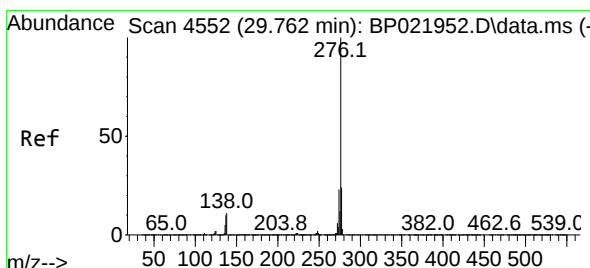
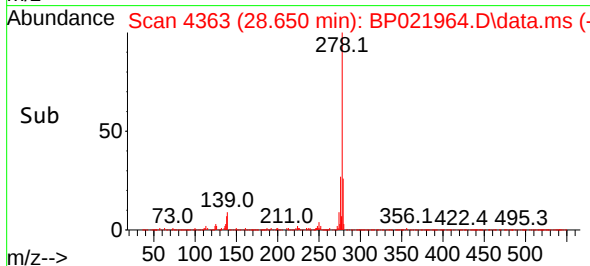
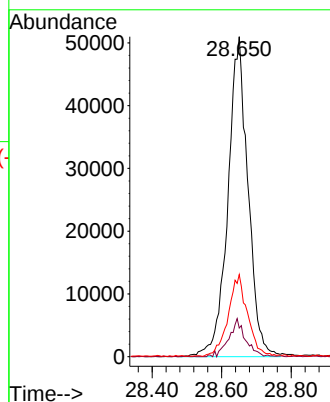
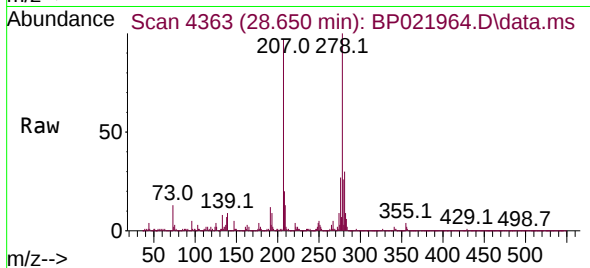
LOQ-WATER-02-QT2-2024

Tgt Ion:	278	Resp:	20490
Ion Ratio	Lower	Upper	
278	100		
139	8.9	6.6	10.0
279	25.7	18.8	28.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#92

Benzo(g,h,i)perylene

Concen: 4.381 ng

RT: 29.727 min Scan# 4546

Delta R.T. -0.035 min

Lab File: BP021964.D

Acq: 20 Sep 2024 12:30

Tgt Ion:	276	Resp:	193130
Ion Ratio	Lower	Upper	
276	100		
277	24.5	19.3	28.9
138	12.9	9.2	13.8

