

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092024\
 Data File : BP021966.D
 Acq On : 20 Sep 2024 14:06
 Operator : RC/JU
 Sample : P2403-08
 Misc : LOQ--WATER- 10 ppm
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Sep 20 14:58:15 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	7.669	152	82828	20.000	ng	-0.05
21) Naphthalene-d8	10.446	136	308758	20.000	ng	-0.03
39) Acenaphthene-d10	14.316	164	228754	20.000	ng	-0.01
64) Phenanthrene-d10	17.122	188	546736	20.000	ng	-0.02
76) Chrysene-d12	21.574	240	648454	20.000	ng	0.01
86) Perylene-d12	24.868	264	754245	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	541656	122.896	ng	-0.04
7) Phenol-d6	6.852	99	683892	119.527	ng	-0.05
23) Nitrobenzene-d5	8.816	82	515140	88.282	ng	-0.04
42) 2,4,6-Tribromophenol	15.834	330	549801	129.644	ng	-0.02
45) 2-Fluorobiphenyl	12.922	172	1363458	87.007	ng	-0.02
79) Terphenyl-d14	19.863	244	2892312	83.786	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.240	88	20202	11.039	ng	98
3) Pyridine	3.640	79	44135	9.042	ng	96
4) n-Nitrosodimethylamine	3.540	42	26944	10.464	ng	92
6) Aniline	7.010	93	62692	12.469	ng	97
8) 2-Chlorophenol	7.246	128	50025	10.615	ng	98
9) Benzaldehyde	6.828	77	45989m	15.372	ng	
10) Phenol	6.875	94	57457	10.111	ng	95
11) bis(2-Chloroethyl)ether	7.099	93	45617	10.656	ng	97
12) 1,3-Dichlorobenzene	7.563	146	60422	10.155	ng	99
13) 1,4-Dichlorobenzene	7.705	146	62529	10.362	ng	98
14) 1,2-Dichlorobenzene	8.022	146	58566	10.112	ng	96
15) Benzyl Alcohol	7.905	79	46046	10.494	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.187	45	52565	11.513	ng	96
17) 2-Methylphenol	8.110	107	38353	9.990	ng	97
18) Hexachloroethane	8.746	117	22985	10.359	ng	97
19) n-Nitroso-di-n-propyla...	8.469	70	38705	10.883	ng	95
20) 3+4-Methylphenols	8.434	107	53950	9.955	ng	98
22) Acetophenone	8.487	105	83384	11.071	ng	99
24) Nitrobenzene	8.857	77	63359	10.692	ng	98
25) Isophorone	9.387	82	101459	10.546	ng	98
26) 2-Nitrophenol	9.563	139	23761	9.171	ng	96
27) 2,4-Dimethylphenol	9.628	122	31031	10.343	ng	91
28) bis(2-Chloroethoxy)met...	9.857	93	61763	10.708	ng	98
29) 2,4-Dichlorophenol	10.099	162	49394	9.700	ng	96
30) 1,2,4-Trichlorobenzene	10.310	180	62488	9.852	ng	98
31) Naphthalene	10.493	128	158367	10.279	ng	100
32) Benzoic acid	9.704	122	28222m	8.046	ng	
33) 4-Chloroaniline	10.604	127	60638	10.912	ng	98
34) Hexachlorobutadiene	10.781	225	48788	9.832	ng	99
35) Caprolactam	11.375	113	13815	9.116	ng	98
36) 4-Chloro-3-methylphenol	11.728	107	52365	9.585	ng	99
37) 2-Methylnaphthalene	12.104	142	114680	10.174	ng	99
38) 1-Methylnaphthalene	12.328	142	108032	9.707	ng	99
40) 1,2,4,5-Tetrachloroben...	12.481	216	82877	10.355	ng	99
41) Hexachlorocyclopentadiene	12.463	237	35953	12.091	ng	99
43) 2,4,6-Trichlorophenol	12.722	196	49153	10.006	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.798	196	51089	9.271	ng	97
46) 1,1'-Biphenyl	13.122	154	168222	10.785	ng	99
47) 2-Chloronaphthalene	13.169	162	129326	10.254	ng	98
48) 2-Nitroaniline	13.369	65	32473	9.430	ng	95
49) Acenaphthylene	14.028	152	199717	11.223	ng	98
50) Dimethylphthalate	13.757	163	178173	10.739	ng	99
51) 2,6-Dinitrotoluene	13.875	165	34726	9.393	ng	# 83
52) Acenaphthene	14.381	154	116149	10.028	ng	96
53) 3-Nitroaniline	14.216	138	31455	9.547	ng	98
54) 2,4-Dinitrophenol	14.422	184	17220	7.950	ng	98
55) Dibenzofuran	14.722	168	208769	10.724	ng	97
56) 4-Nitrophenol	14.534	139	25591	8.923	ng	99
57) 2,4-Dinitrotoluene	14.687	165	46288	8.857	ng	# 99
58) Fluorene	15.381	166	164190	10.099	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.951	232	53065	9.978	ng	100
60) Diethylphthalate	15.145	149	172356	10.223	ng	98
61) 4-Chlorophenyl-phenyle...	15.381	204	95679	10.109	ng	97
62) 4-Nitroaniline	15.398	138	33782	9.324	ng	93
63) Azobenzene	15.681	77	150114	10.760	ng	98
65) 4,6-Dinitro-2-methylph...	15.463	198	27457	8.664	ng	98
66) n-Nitrosodiphenylamine	15.598	169	145976	10.723	ng	96
67) 4-Bromophenyl-phenylether	16.292	248	65718	10.311	ng	98
68) Hexachlorobenzene	16.416	284	81752	10.288	ng	95
69) Atrazine	16.569	200	61851	12.681	ng	99
70) Pentachlorophenol	16.769	266	46932	8.779	ng	94
71) Phenanthrene	17.163	178	280425	10.685	ng	99
72) Anthracene	17.251	178	272568	10.729	ng	98
73) Carbazole	17.539	167	251641	10.255	ng	99
74) Di-n-butylphthalate	18.139	149	283426	9.834	ng	99
75) Fluoranthene	19.257	202	364767	9.957	ng	100
77) Benzidine	19.457	184	168119	21.215	ng	98
78) Pyrene	19.639	202	389121	9.920	ng	100
80) Butylbenzylphthalate	20.598	149	129168	9.232	ng	98
81) Benzo(a)anthracene	21.551	228	437839	10.508	ng	99
82) 3,3'-Dichlorobenzidine	21.469	252	149694	9.902	ng	98
83) Chrysene	21.616	228	409455	10.437	ng	99
84) Bis(2-ethylhexyl)phtha...	21.498	149	195513	9.521	ng	99
85) Di-n-octyl phthalate	22.757	149	310904	8.914	ng	100
87) Indeno(1,2,3-cd)pyrene	28.603	276	512633	10.219	ng	99
88) Benzo(b)fluoranthene	23.827	252	442651m	9.923	ng	
89) Benzo(k)fluoranthene	23.892	252	453924	10.753	ng	99
90) Benzo(a)pyrene	24.715	252	409461	10.656	ng	99
91) Dibenzo(a,h)anthracene	28.674	278	427234	10.319	ng	# 97
92) Benzo(g,h,i)perylene	29.739	276	402015	9.479	ng	98

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

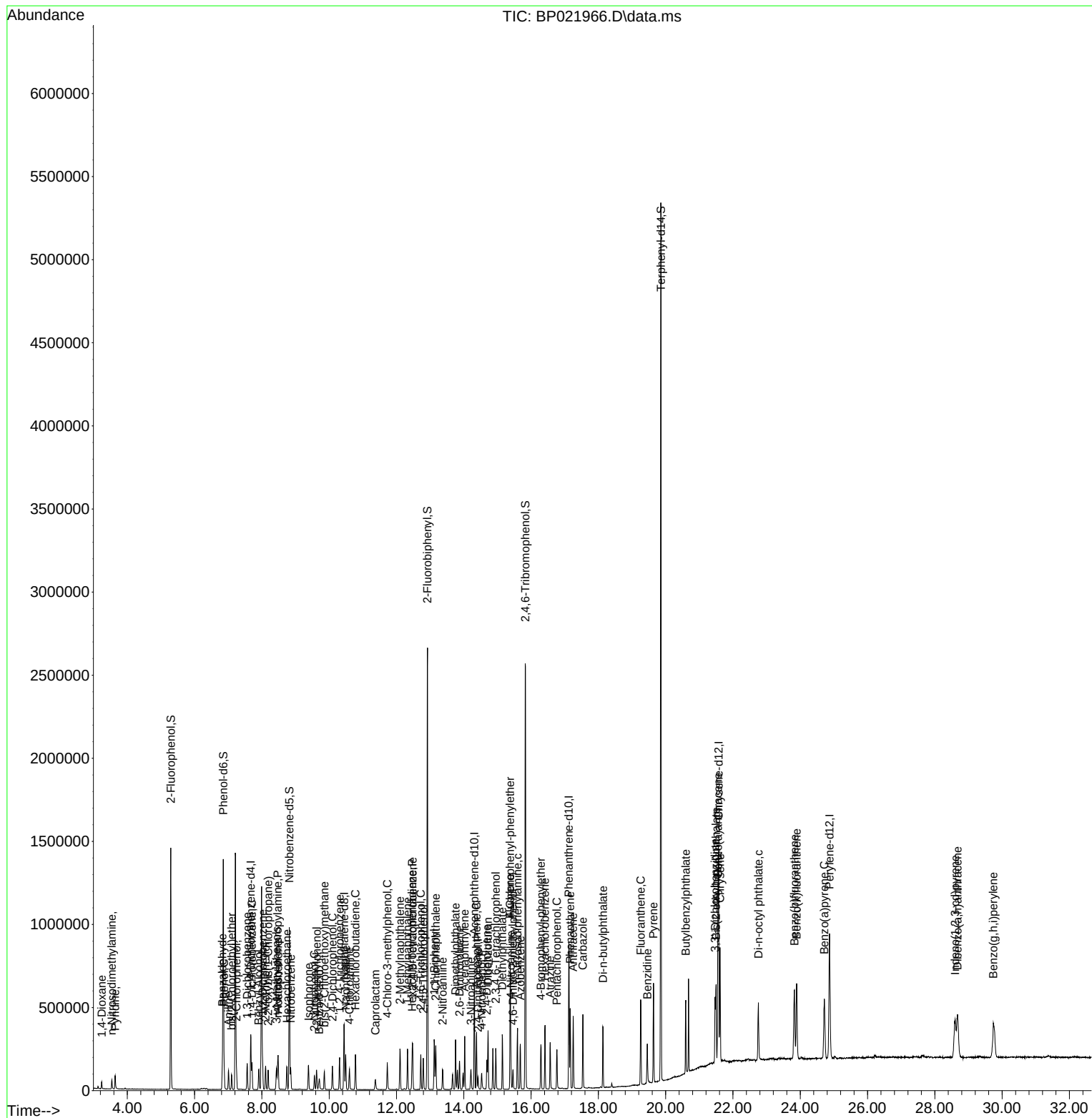
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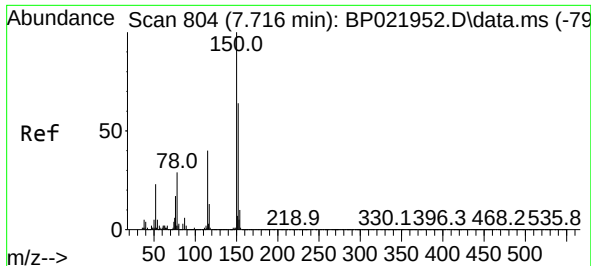
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ClientSampleId :
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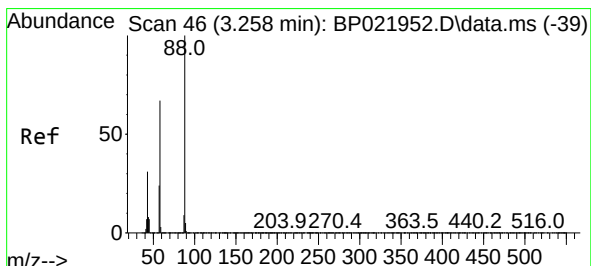
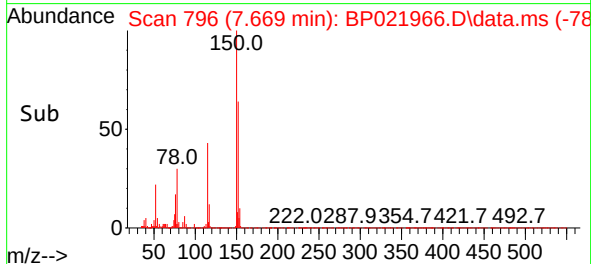
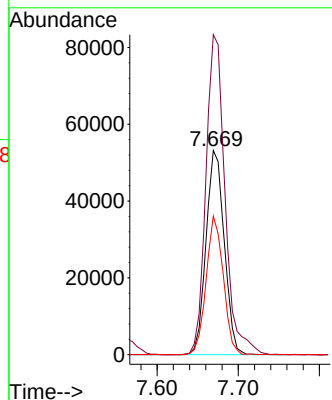
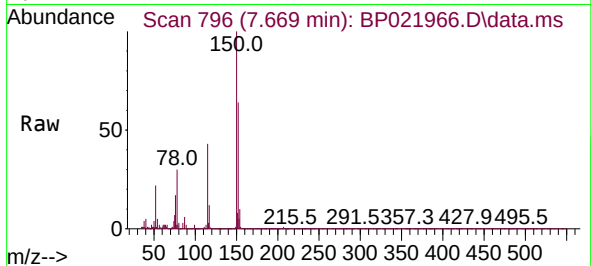
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.669 min Scan# 79
Delta R.T. -0.047 min
Lab File: BP021966.D
Acq: 20 Sep 2024 14:06

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

Tgt Ion:152 Resp: 82828
Ion Ratio Lower Upper
152 100
150 156.6 124.2 186.2
115 67.8 49.2 73.8

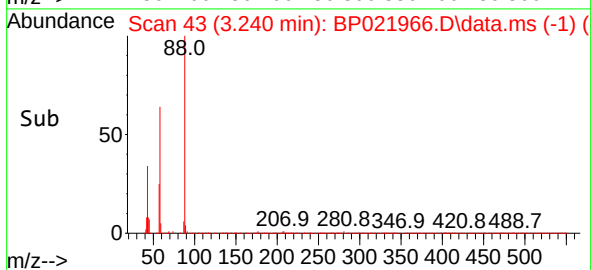
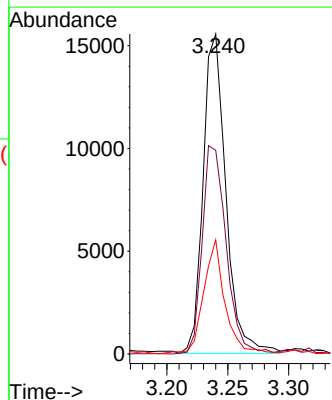
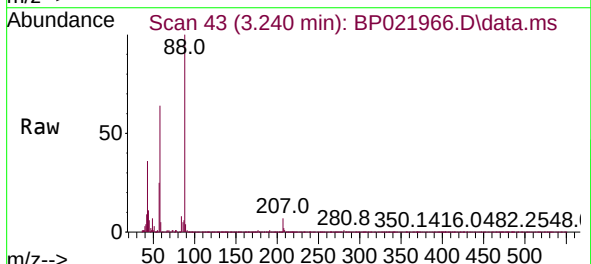
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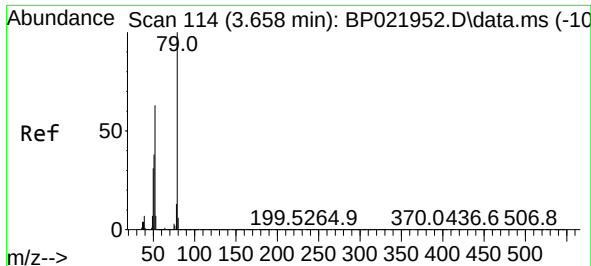
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#2
1,4-Dioxane
Concen: 11.039 ng
RT: 3.240 min Scan# 43
Delta R.T. -0.018 min
Lab File: BP021966.D
Acq: 20 Sep 2024 14:06

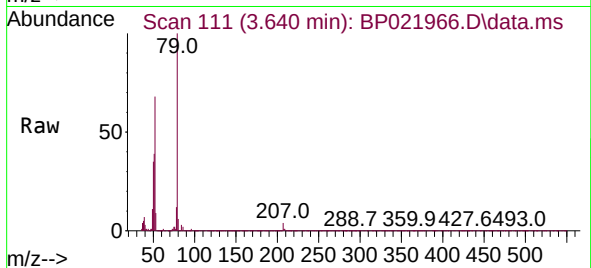
Tgt Ion: 88 Resp: 20202
Ion Ratio Lower Upper
88 100
58 68.7 53.8 80.6
43 33.5 25.2 37.8





#3
Pyridine
Concen: 9.042 ng
RT: 3.640 min Scan# 114
Delta R.T. -0.018 min
Lab File: BP021966.D
Acq: 20 Sep 2024 14:06

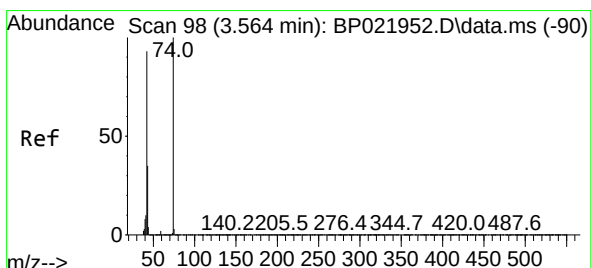
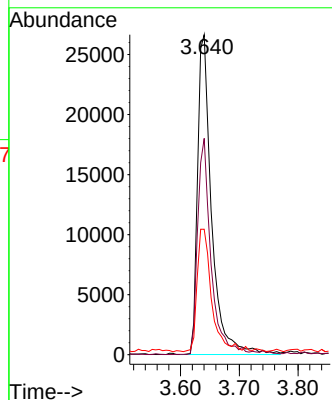
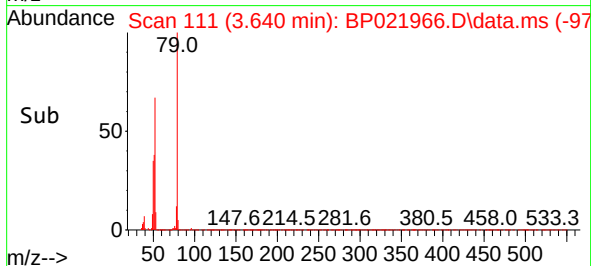
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion: 79 Resp: 4413
Ion Ratio Lower Upper
79 100
52 67.6 50.3 75.5
51 39.2 30.9 46.3

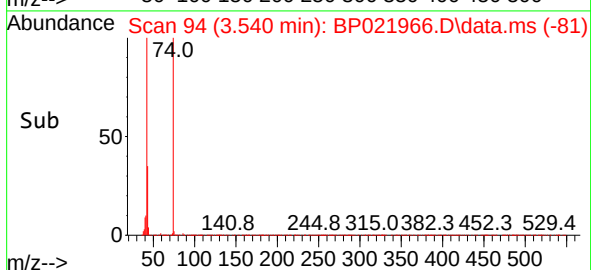
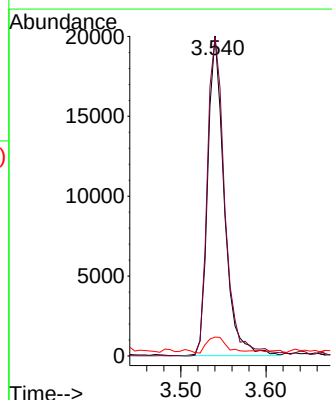
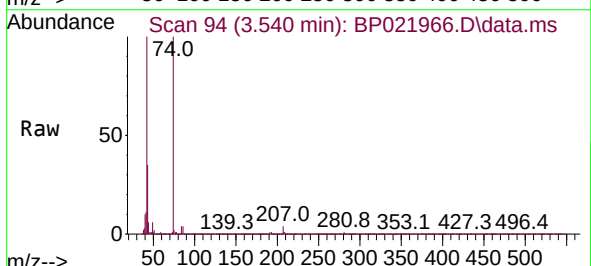
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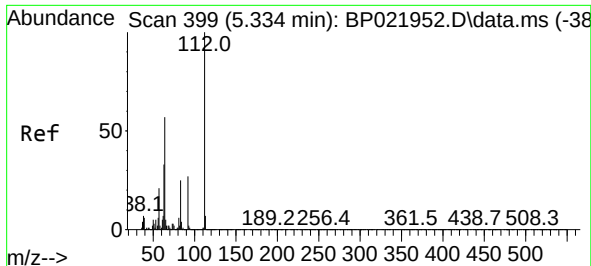
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#4
n-Nitrosodimethylamine
Concen: 10.464 ng
RT: 3.540 min Scan# 94
Delta R.T. -0.024 min
Lab File: BP021966.D
Acq: 20 Sep 2024 14:06

Tgt Ion: 42 Resp: 26944
Ion Ratio Lower Upper
42 100
74 99.6 86.3 129.5
44 5.9 4.0 6.0





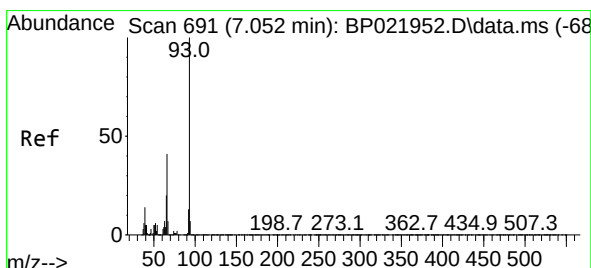
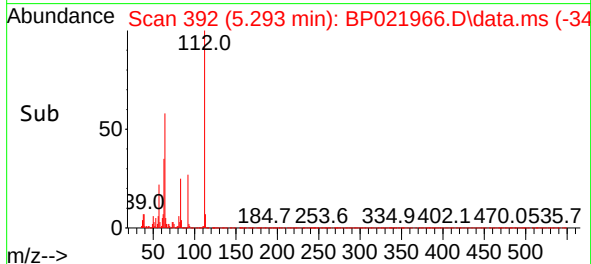
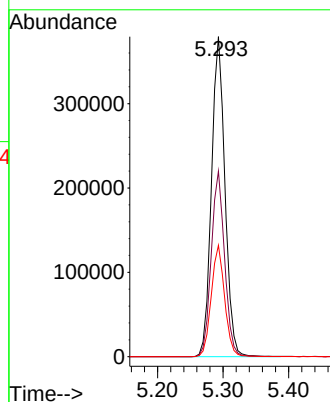
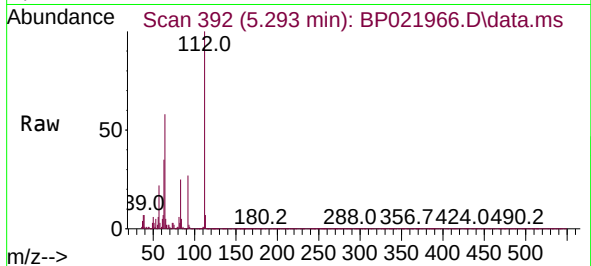
#5
2-Fluorophenol
Concen: 122.896 ng
RT: 5.293 min Scan# 399
Delta R.T. -0.041 min
Lab File: BP021966.D
Acq: 20 Sep 2024 14:06

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

Tgt Ion:112 Resp: 541650
Ion Ratio Lower Upper
112 100
64 58.0 45.4 68.0
63 34.8 26.6 39.8

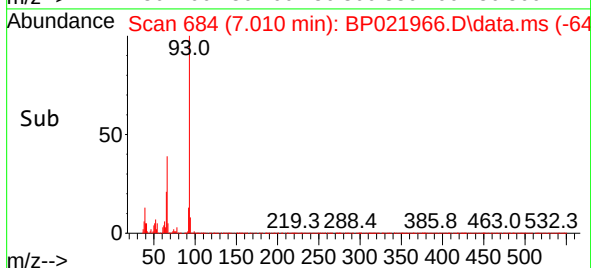
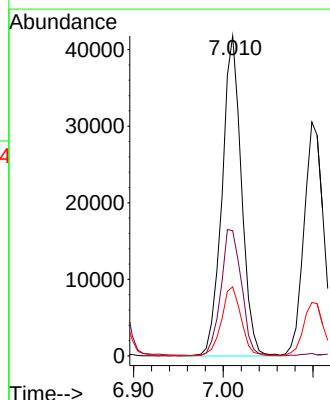
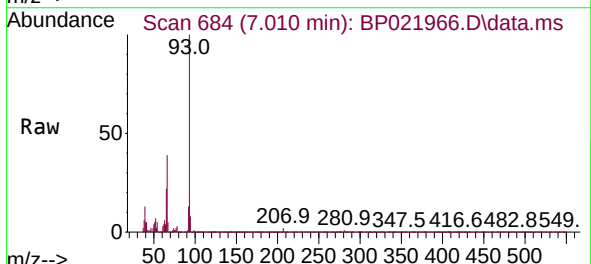
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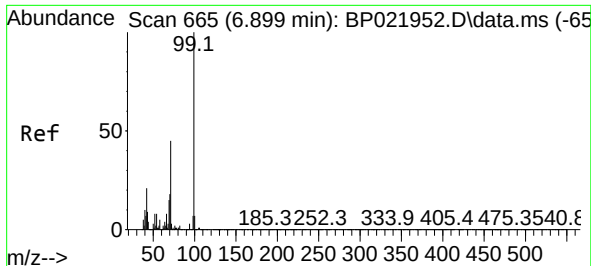
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#6
Aniline
Concen: 12.469 ng
RT: 7.010 min Scan# 684
Delta R.T. -0.041 min
Lab File: BP021966.D
Acq: 20 Sep 2024 14:06

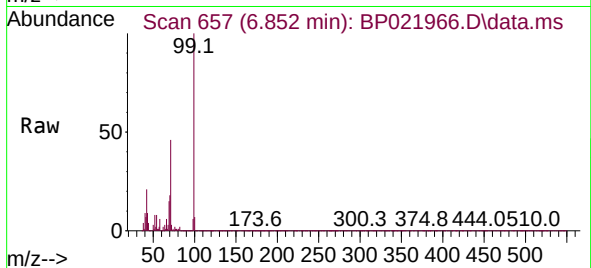
Tgt Ion: 93 Resp: 62692
Ion Ratio Lower Upper
93 100
66 39.2 33.0 49.4
65 21.6 16.1 24.1





#7
Phenol-d6
Concen: 119.527 ng
RT: 6.852 min Scan# 61
Delta R.T. -0.047 min
Lab File: BP021966.D
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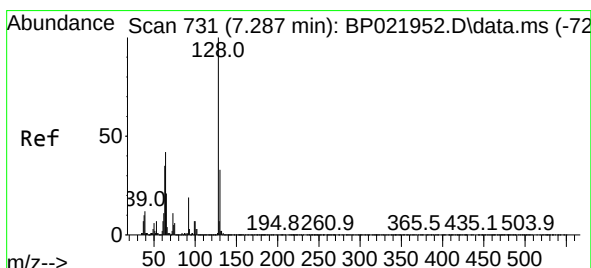
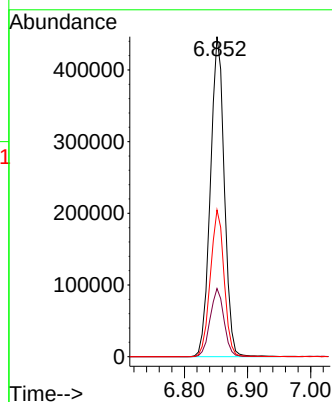
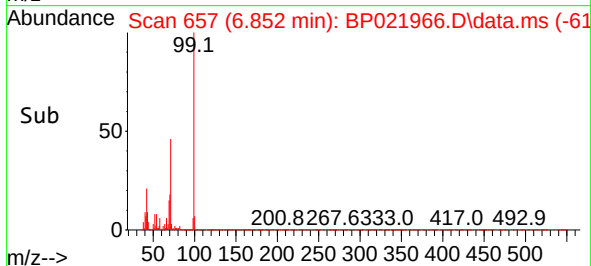
Instrument :
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Tgt Ion: 99 Resp: 68389
Ion Ratio Lower Upper
99 100
42 21.3 16.8 25.2
71 45.8 35.8 53.6

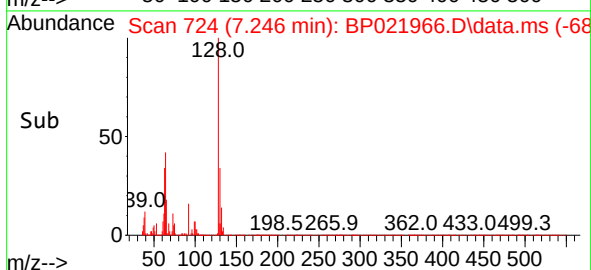
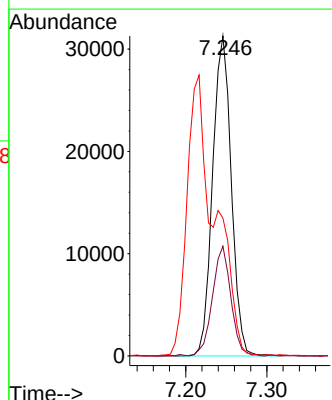
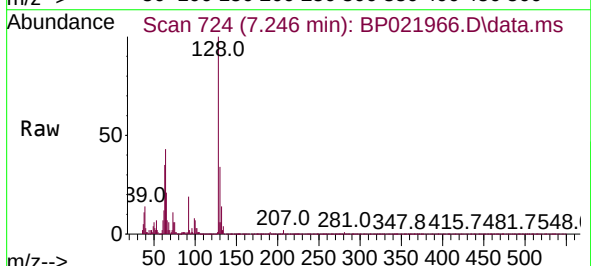
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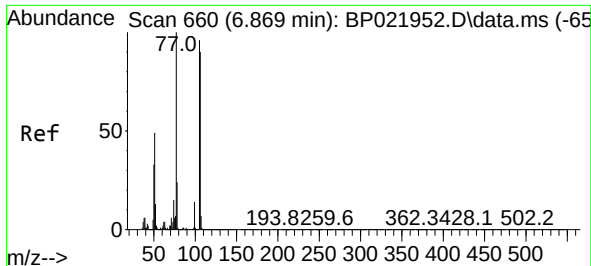
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#8
2-Chlorophenol
Concen: 10.615 ng
RT: 7.246 min Scan# 724
Delta R.T. -0.041 min
Lab File: BP021966.D
Acq: 20 Sep 2024 14:06

Tgt Ion:128 Resp: 50025
Ion Ratio Lower Upper
128 100
130 34.3 13.1 53.1
64 43.1 22.1 62.1





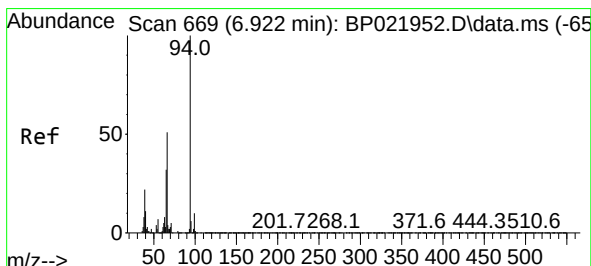
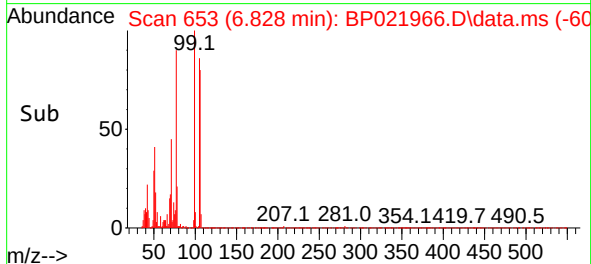
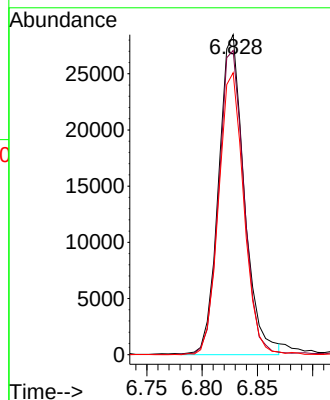
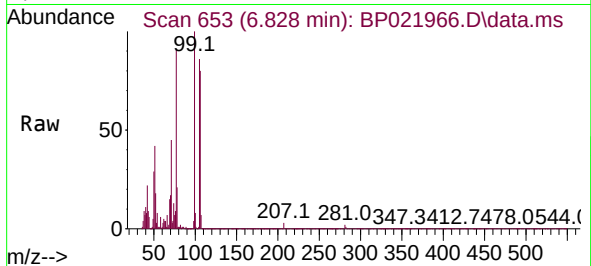
#9
Benzaldehyde
Concen: 15.372 ng m
RT: 6.828 min Scan# 61
Delta R.T. -0.041 min
Lab File: BP021966.D
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ClientSampleId :
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Tgt Ion: 77 Resp: 45989
Ion Ratio Lower Upper
77 100
105 95.1 76.1 116.1
106 88.1 69.9 109.9

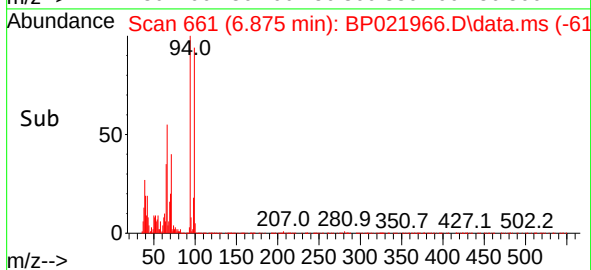
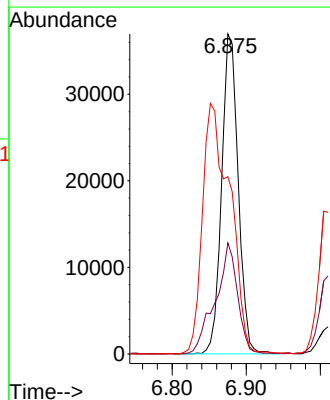
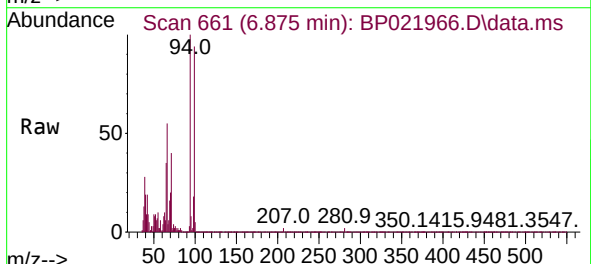
Manual Integrations
APPROVED

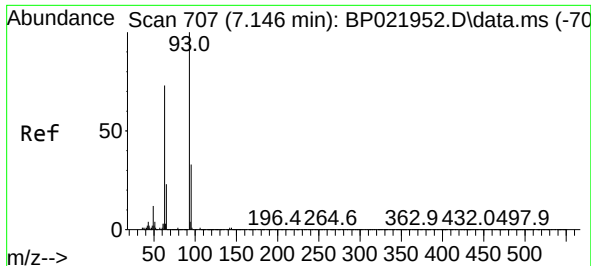
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#10
Phenol
Concen: 10.111 ng
RT: 6.875 min Scan# 661
Delta R.T. -0.047 min
Lab File: BP021966.D
Acq: 20 Sep 2024 14:06

Tgt Ion: 94 Resp: 57457
Ion Ratio Lower Upper
94 100
65 34.7 12.5 52.5
66 55.4 31.2 71.2





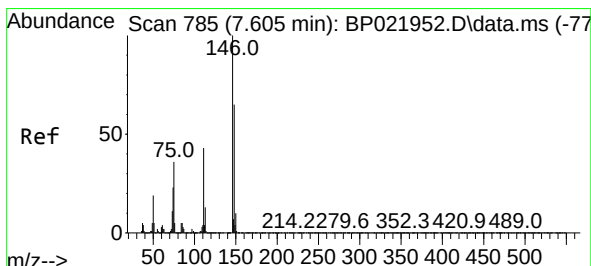
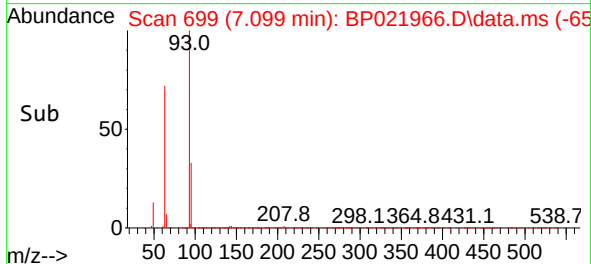
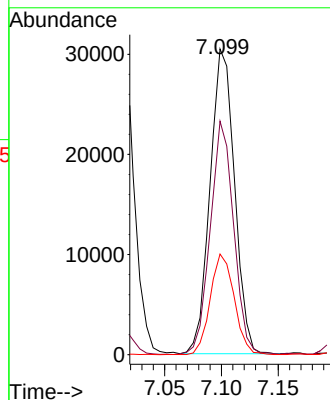
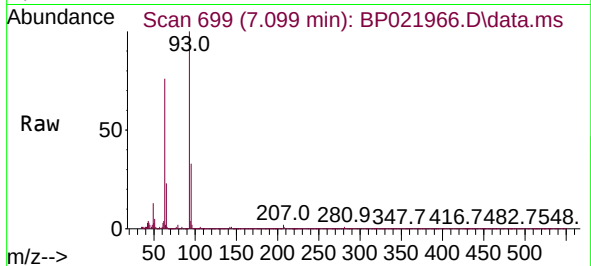
#11
bis(2-Chloroethyl)ether
Concen: 10.656 ng
RT: 7.099 min Scan# 699
Delta R.T. -0.047 min
Lab File: BP021966.D
Acq: 20 Sep 2024 14:06

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

Tgt Ion: 93 Resp: 4561
Ion Ratio Lower Upper
93 100
63 76.3 53.0 93.0
95 32.9 12.4 52.4

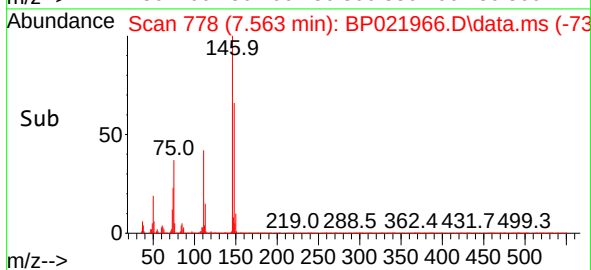
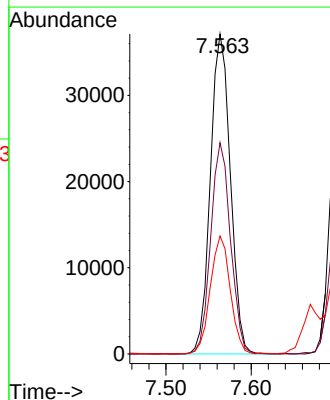
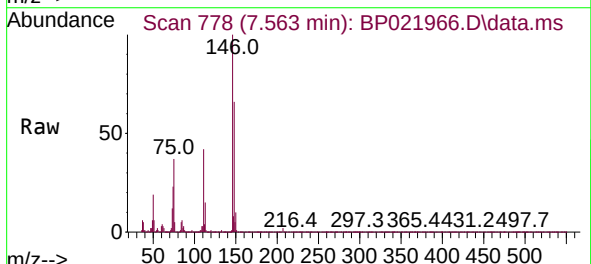
Manual Integrations
APPROVED

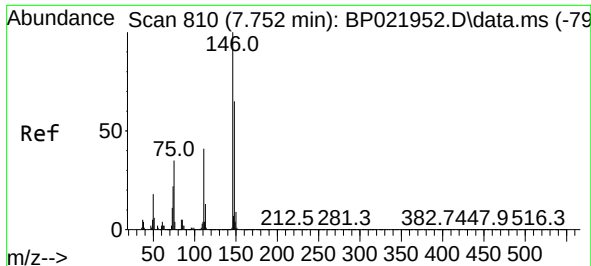
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#12
1,3-Dichlorobenzene
Concen: 10.155 ng
RT: 7.563 min Scan# 778
Delta R.T. -0.041 min
Lab File: BP021966.D
Acq: 20 Sep 2024 14:06

Tgt Ion:146 Resp: 60422
Ion Ratio Lower Upper
146 100
148 66.0 52.3 78.5
75 36.9 29.0 43.6





#13

1,4-Dichlorobenzene

Concen: 10.362 ng

RT: 7.705 min Scan# 80

Delta R.T. -0.047 min

Lab File: BP021966.D

Acq: 20 Sep 2024 14:06

Instrument :

BNA_P

ClientSampleId :

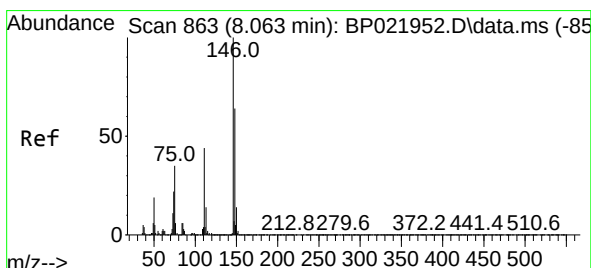
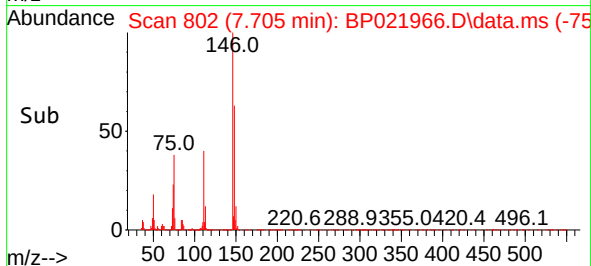
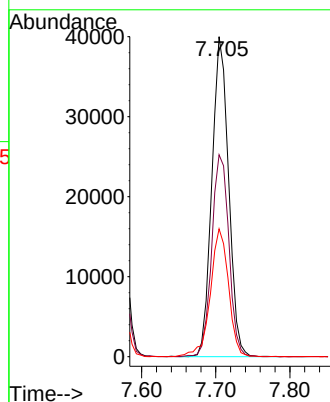
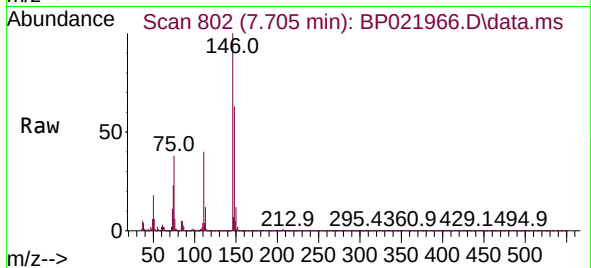
LOQ-WATER-02-QT2-2024

Tgt Ion:146	Resp:	62529
Ion Ratio	Lower	Upper
146	100	
148	63.1	52.2 78.4
111	40.0	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: 10.112 ng

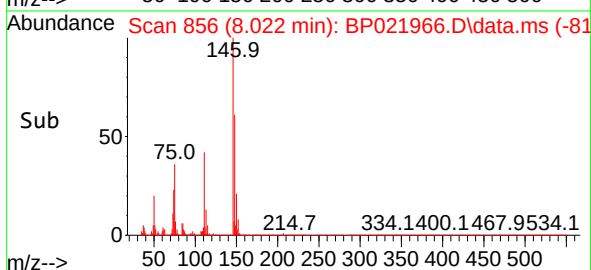
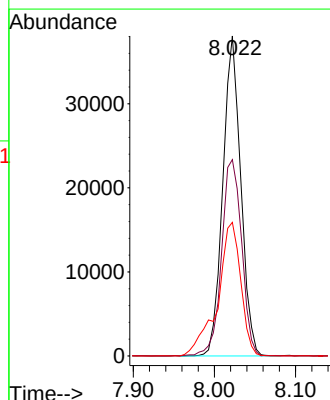
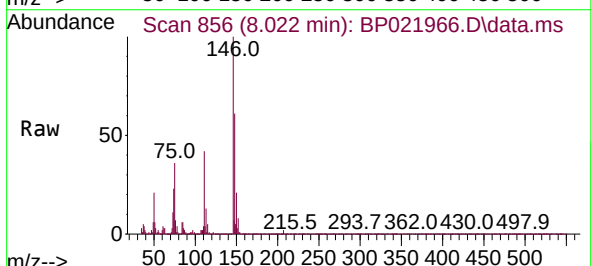
RT: 8.022 min Scan# 856

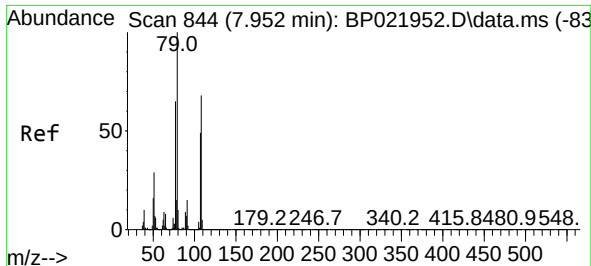
Delta R.T. -0.041 min

Lab File: BP021966.D

Acq: 20 Sep 2024 14:06

Tgt Ion:146	Resp:	58566
Ion Ratio	Lower	Upper
146	100	
148	61.3	51.3 76.9
111	41.8	35.6 53.4





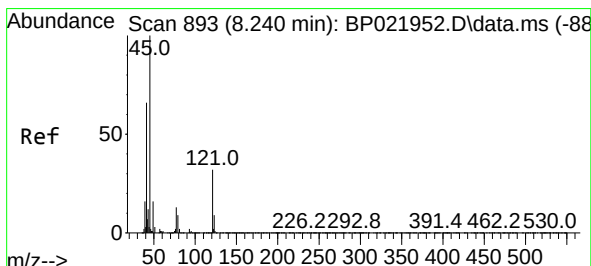
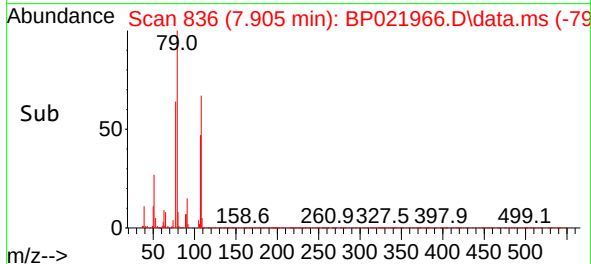
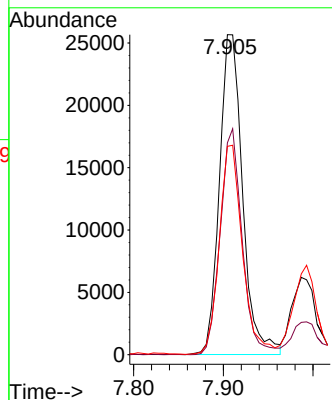
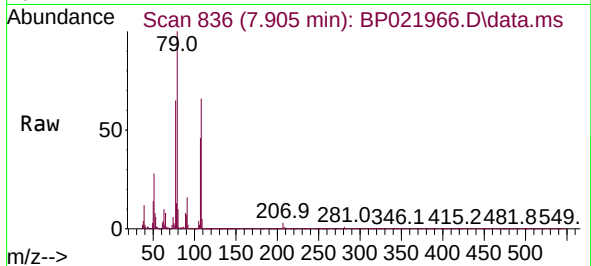
#15
Benzyl Alcohol
Concen: 10.494 ng
RT: 7.905 min Scan# 81
Delta R.T. -0.047 min
Lab File: BP021966.D
Acq: 20 Sep 2024 14:06

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

Tgt Ion: 79 Resp: 4604
Ion Ratio Lower Upper
79 100
108 66.2 54.7 82.1
77 65.1 51.8 77.8

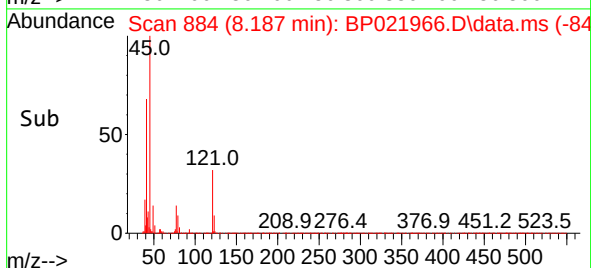
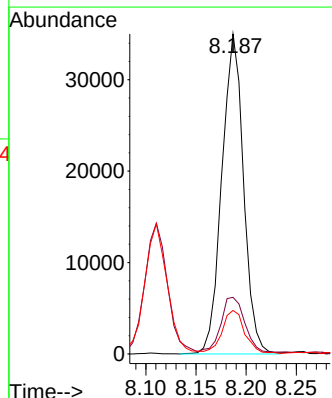
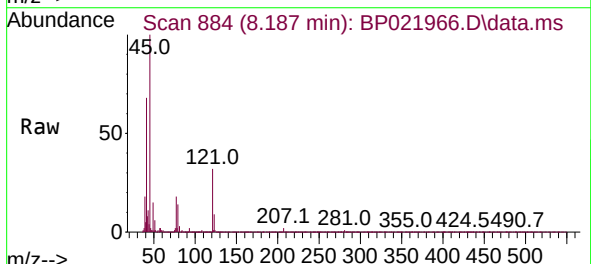
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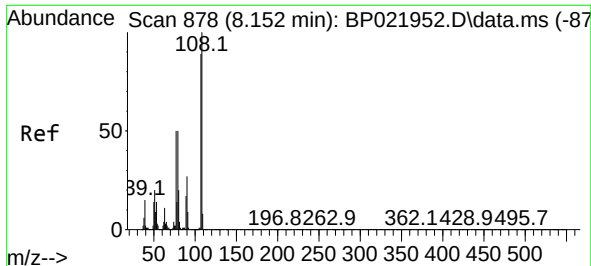
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 11.513 ng
RT: 8.187 min Scan# 884
Delta R.T. -0.053 min
Lab File: BP021966.D
Acq: 20 Sep 2024 14:06

Tgt Ion: 45 Resp: 52565
Ion Ratio Lower Upper
45 100
77 17.7 0.0 39.5
79 13.6 0.0 34.9





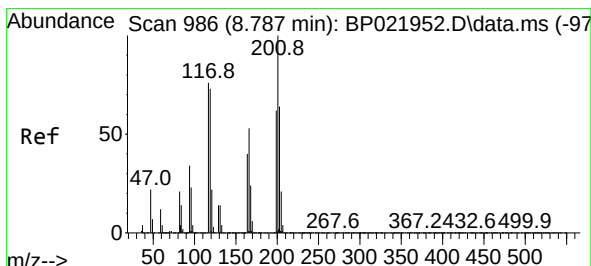
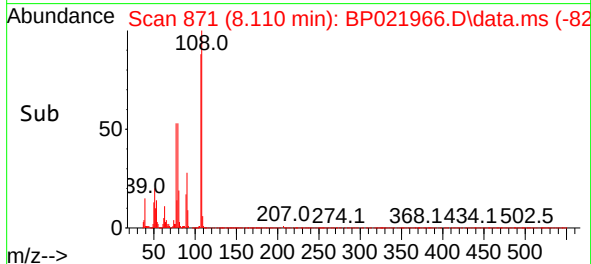
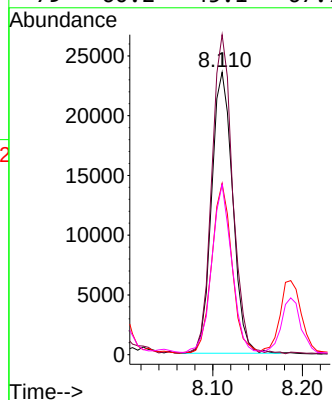
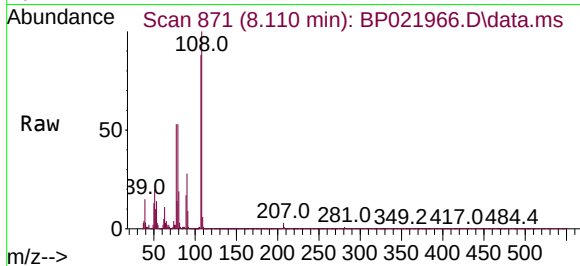
#17
2-Methylphenol
Concen: 9.990 ng
RT: 8.110 min Scan# 81
Delta R.T. -0.041 min
Lab File: BP021966.D
Acq: 20 Sep 2024 14:06

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

Tgt Ion:107 Resp: 3835
Ion Ratio Lower Upper
107 100
108 113.3 90.3 135.5
77 60.6 45.1 67.7
79 60.2 45.1 67.7

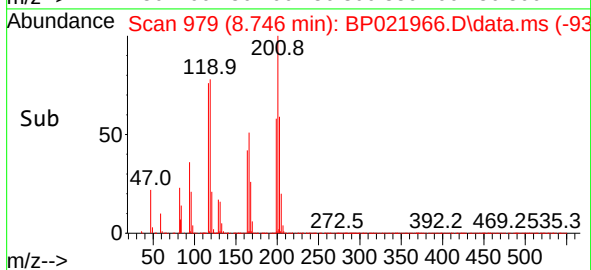
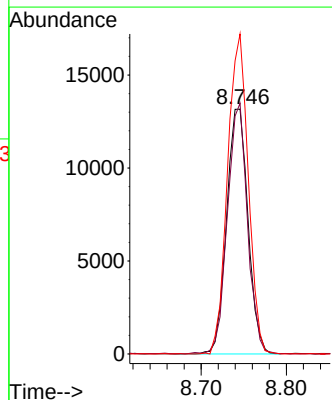
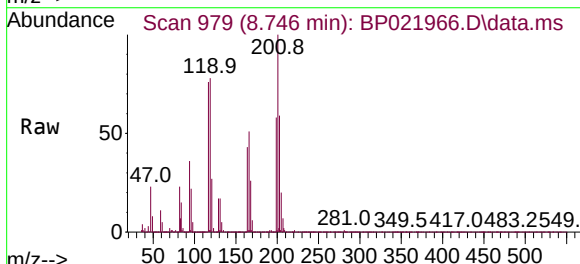
Manual Integrations
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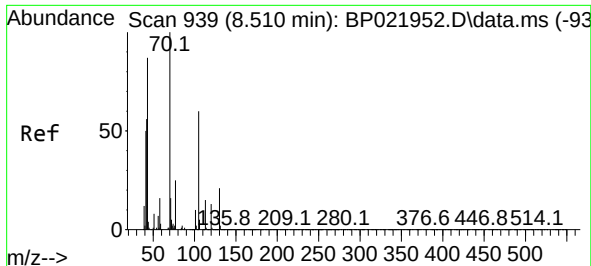
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#18
Hexachloroethane
Concen: 10.359 ng
RT: 8.746 min Scan# 979
Delta R.T. -0.041 min
Lab File: BP021966.D
Acq: 20 Sep 2024 14:06

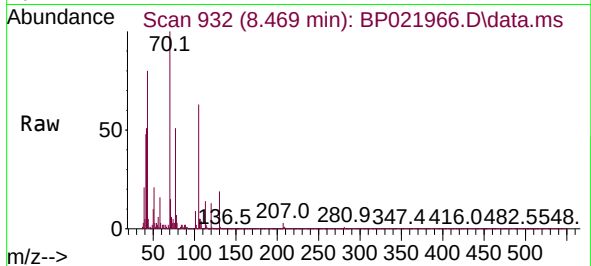
Tgt Ion:117 Resp: 22985
Ion Ratio Lower Upper
117 100
119 102.4 77.0 115.4
201 130.7 105.6 158.4





#19
n-Nitroso-di-n-propylamine
Concen: 10.883 ng
RT: 8.469 min Scan# 91
Delta R.T. -0.041 min
Lab File: BP021966.D
Acq: 20 Sep 2024 14:06

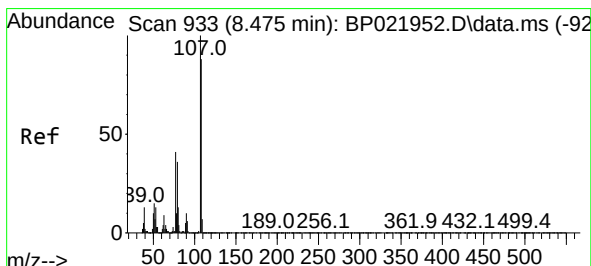
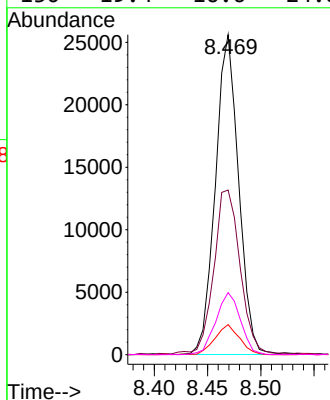
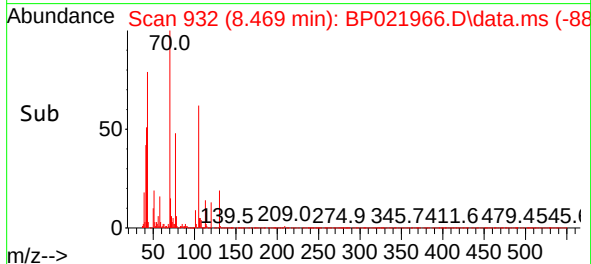
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2024



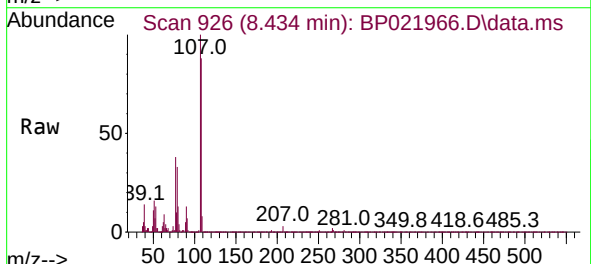
Tgt Ion: 70 Resp: 3870
Ion Ratio Lower Upper
70 100
42 51.5 45.2 67.8
101 9.4 7.8 11.6
130 19.4 16.6 24.8

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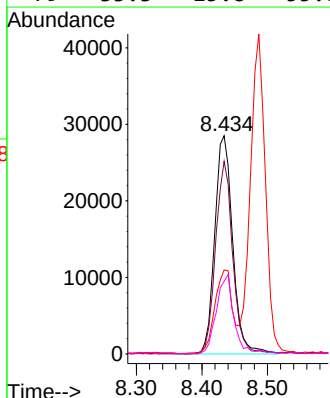
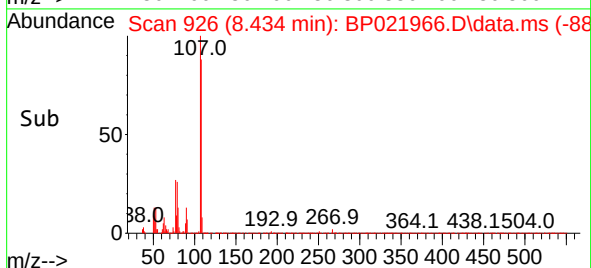
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024

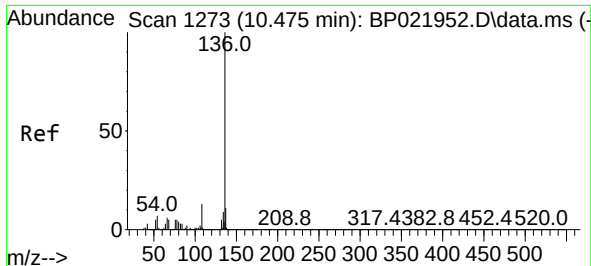


#20
3+4-Methylphenols
Concen: 9.955 ng
RT: 8.434 min Scan# 926
Delta R.T. -0.041 min
Lab File: BP021966.D
Acq: 20 Sep 2024 14:06



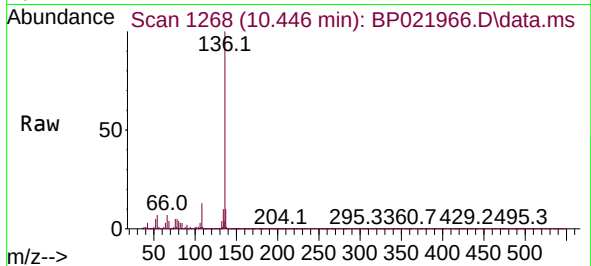
Tgt Ion:107 Resp: 53950
Ion Ratio Lower Upper
107 100
108 88.2 68.3 108.3
77 38.5 20.6 60.6
79 33.3 15.8 55.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.446 min Scan# 10
Delta R.T. -0.029 min
Lab File: BP021966.D
Acq: 20 Sep 2024 14:06

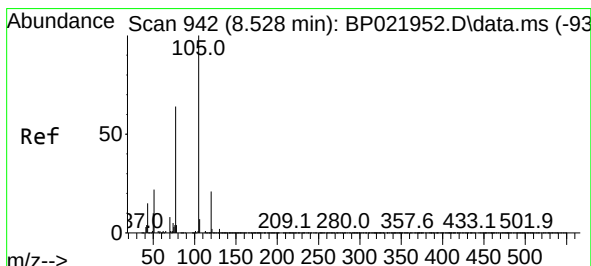
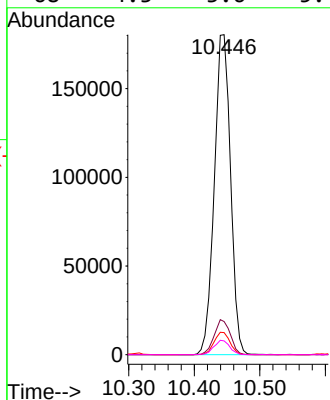
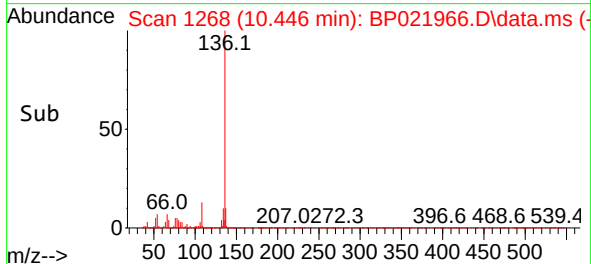
Instrument : BNA_P
ClientSampleId : LOQ-WATER-02-QT2-2024



Tgt Ion:136 Resp: 308758
Ion Ratio Lower Upper
136 100
137 10.3 8.8 13.2
54 6.9 5.5 8.3
68 4.3 3.6 5.4

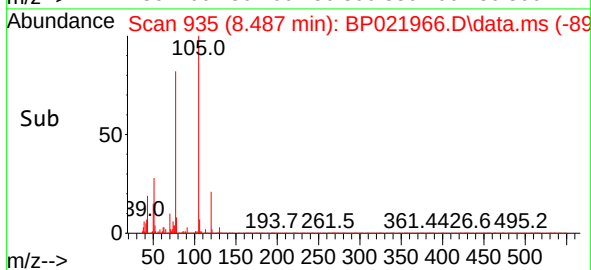
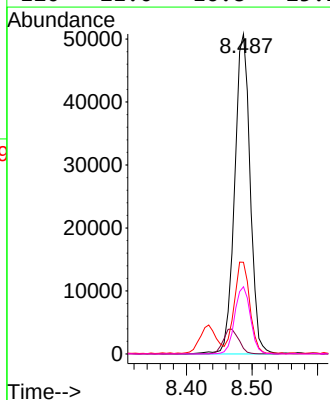
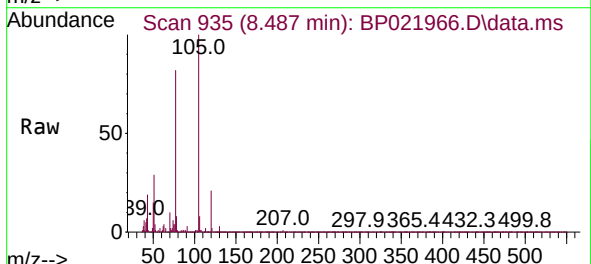
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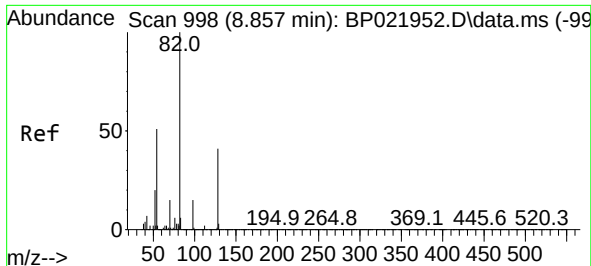
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#22
Acetophenone
Concen: 11.071 ng
RT: 8.487 min Scan# 935
Delta R.T. -0.041 min
Lab File: BP021966.D
Acq: 20 Sep 2024 14:06

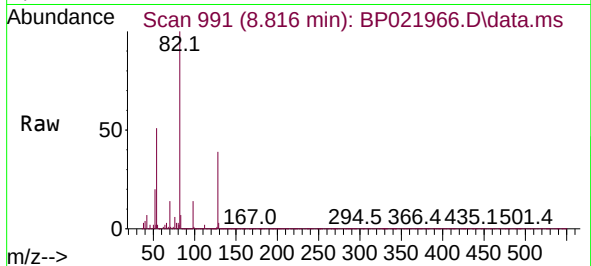
Tgt Ion:105 Resp: 83384
Ion Ratio Lower Upper
105 100
71 1.8 1.4 2.0
51 28.7 22.1 33.1
120 21.0 16.8 25.2





#23
Nitrobenzene-d5
Concen: 88.282 ng
RT: 8.816 min Scan# 991
Delta R.T. -0.041 min
Lab File: BP021966.D
Acq: 20 Sep 2024 14:06

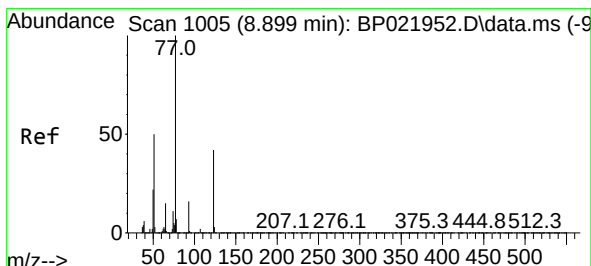
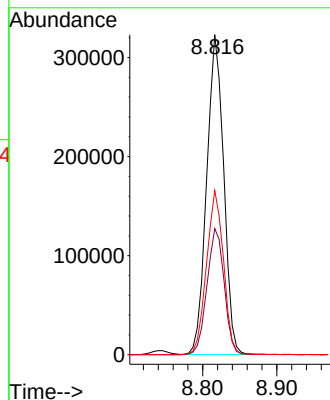
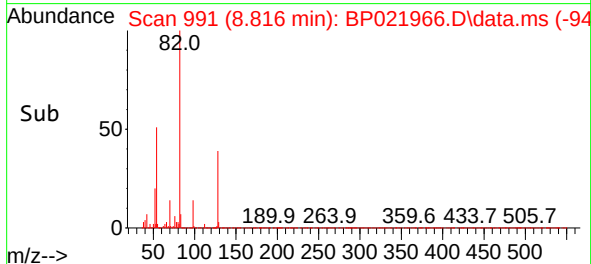
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion: 82 Resp: 515140
Ion Ratio Lower Upper
82 100
128 39.4 33.1 49.7
54 51.3 40.3 60.5

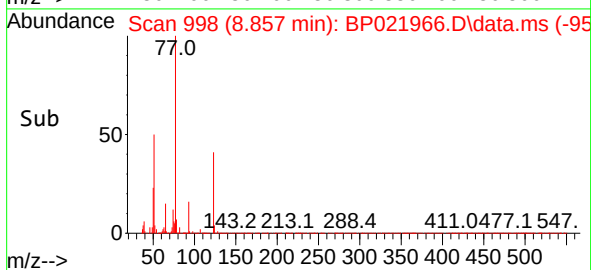
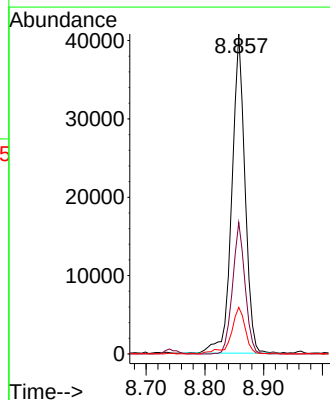
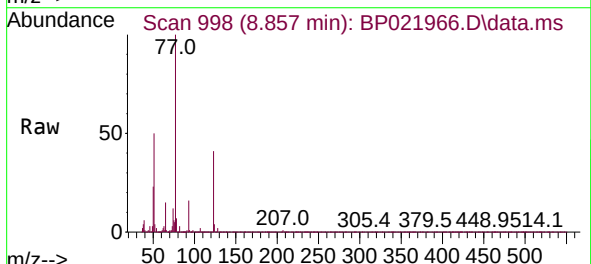
Manual Integrations
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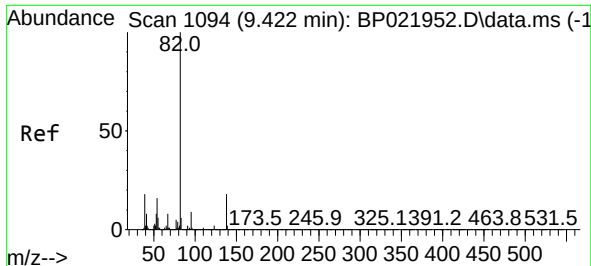
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#24
Nitrobenzene
Concen: 10.692 ng
RT: 8.857 min Scan# 998
Delta R.T. -0.041 min
Lab File: BP021966.D
Acq: 20 Sep 2024 14:06

Tgt Ion: 77 Resp: 63359
Ion Ratio Lower Upper
77 100
123 41.1 33.9 50.9
65 14.6 12.0 18.0





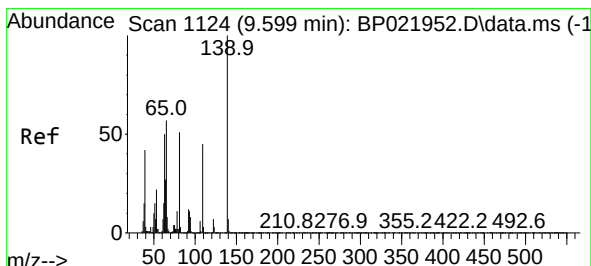
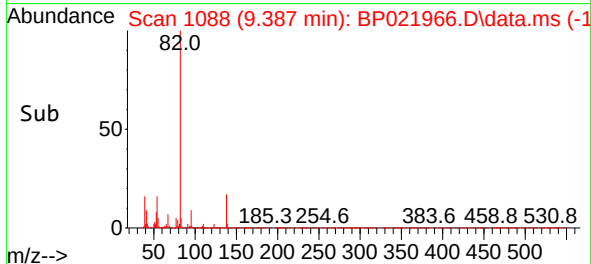
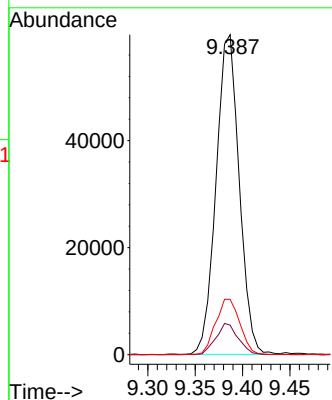
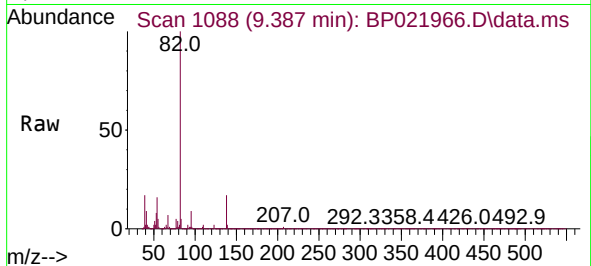
#25
Isophorone
Concen: 10.546 ng
RT: 9.387 min Scan# 101459
Delta R.T. -0.035 min
Lab File: BP021966.D
Acq: 20 Sep 2024 14:06

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

Tgt Ion: 82 Resp: 101459
Ion Ratio Lower Upper
82 100
95 9.2 7.0 10.6
138 17.3 14.6 21.8

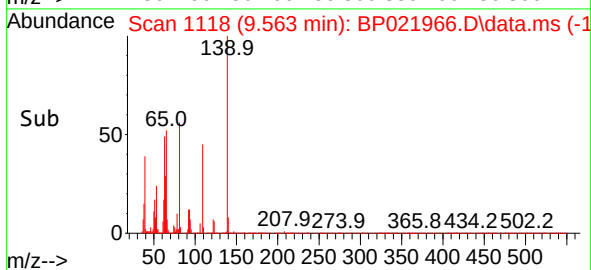
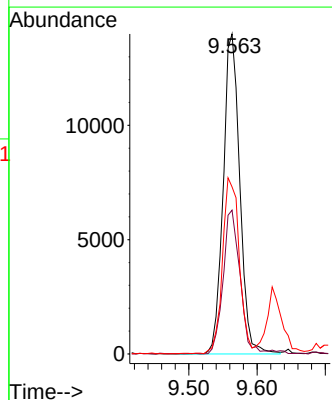
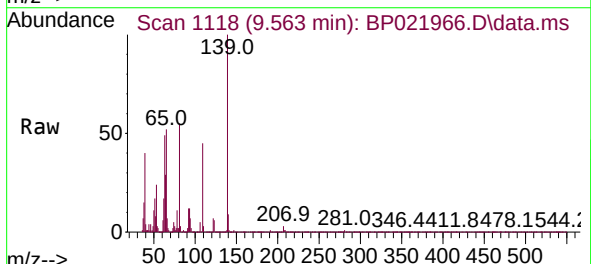
Manual Integrations
APPROVED

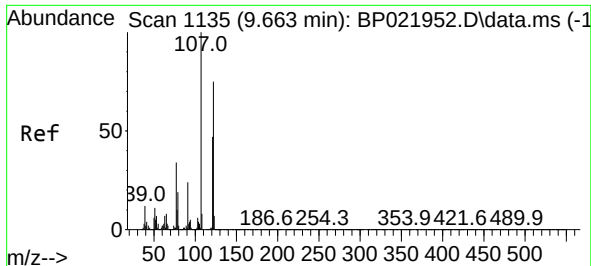
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#26
2-Nitrophenol
Concen: 9.171 ng
RT: 9.563 min Scan# 1118
Delta R.T. -0.035 min
Lab File: BP021966.D
Acq: 20 Sep 2024 14:06

Tgt Ion:139 Resp: 23761
Ion Ratio Lower Upper
139 100
109 45.0 36.0 54.0
65 52.2 45.7 68.5





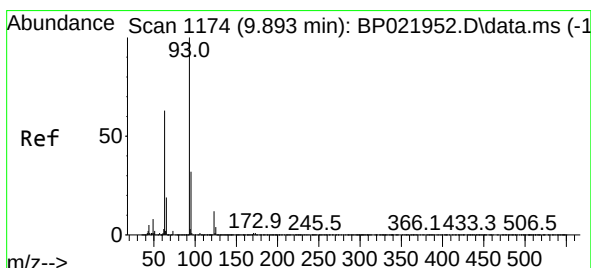
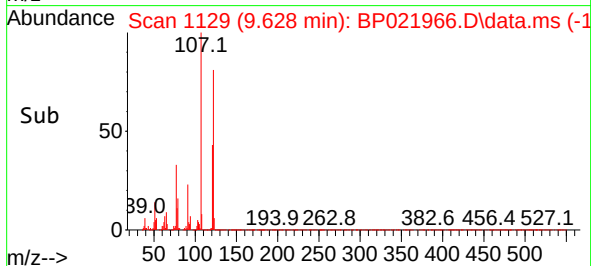
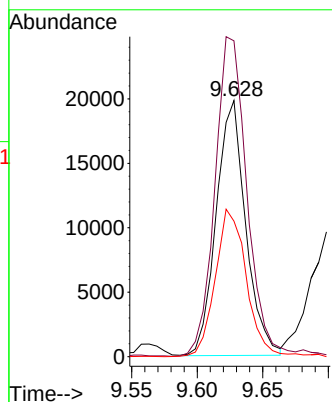
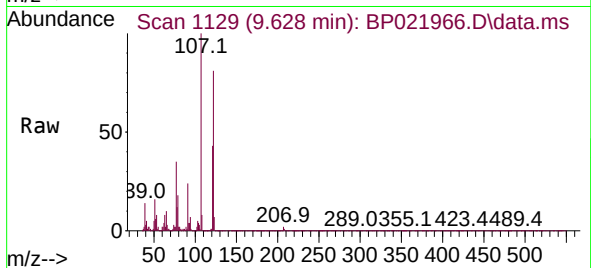
#27
2,4-Dimethylphenol
Concen: 10.343 ng
RT: 9.628 min Scan# 1129
Delta R.T. -0.035 min
Lab File: BP021966.D
Acq: 20 Sep 2024 14:06

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

Tgt Ion: 122 Resp: 3103
Ion Ratio Lower Upper
122 100
107 123.3 106.1 159.1
121 52.9 49.6 74.4

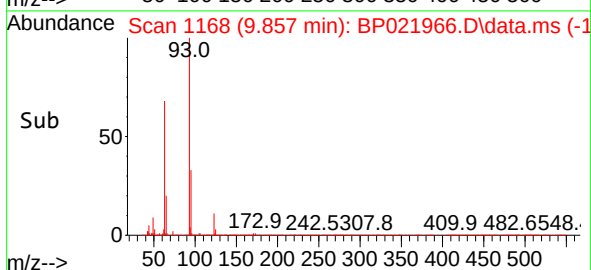
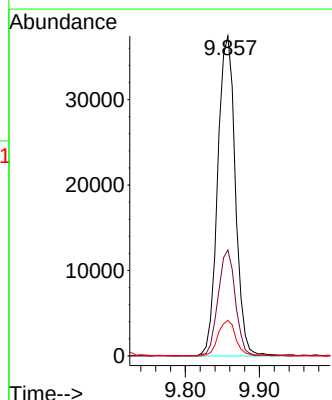
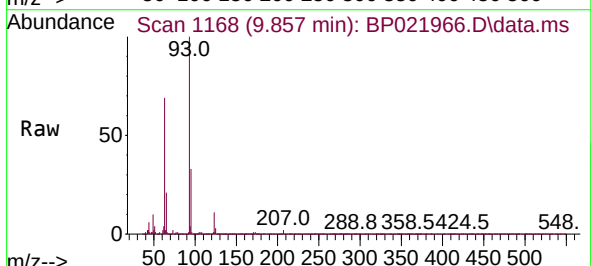
Manual Integrations
APPROVED

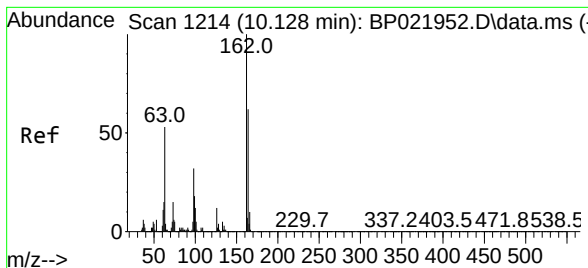
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#28
bis(2-Chloroethoxy)methane
Concen: 10.708 ng
RT: 9.857 min Scan# 1168
Delta R.T. -0.035 min
Lab File: BP021966.D
Acq: 20 Sep 2024 14:06

Tgt Ion: 93 Resp: 61763
Ion Ratio Lower Upper
93 100
95 33.1 25.7 38.5
123 11.1 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 9.700 ng

RT: 10.099 min Scan# 1209

Delta R.T. -0.029 min

Lab File: BP021966.D

Acq: 20 Sep 2024 14:06

Instrument :

BNA_P

ClientSampleId :

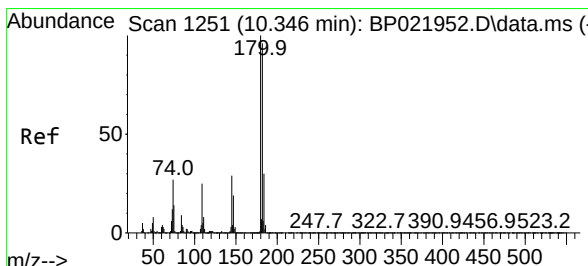
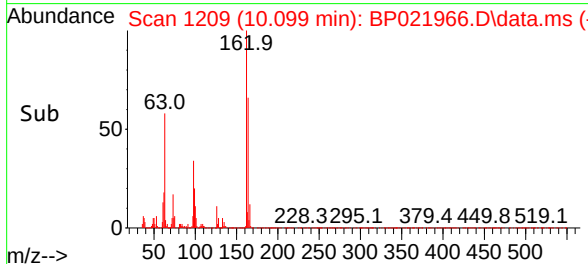
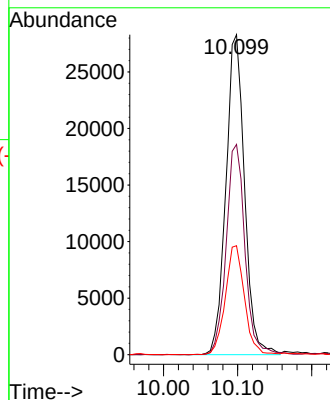
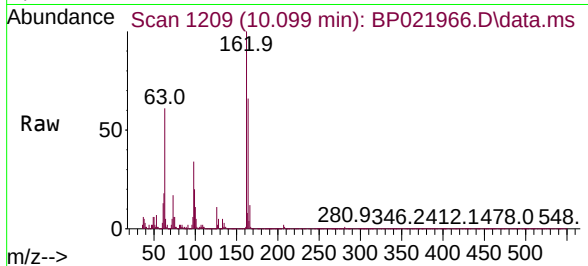
LOQ-WATER-02-QT2-2024

Tgt Ion:162	Resp:	49394
Ion Ratio	Lower	Upper
162	100	
164	65.7	41.7 81.7
98	34.0	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: 9.852 ng

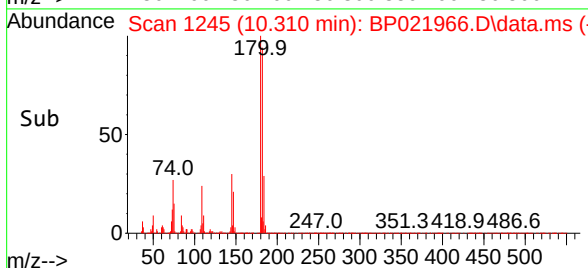
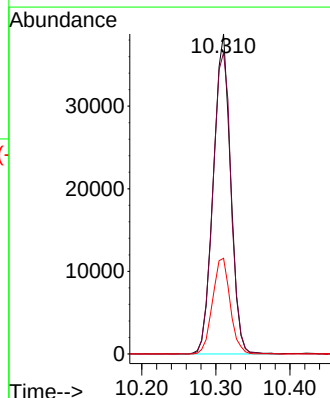
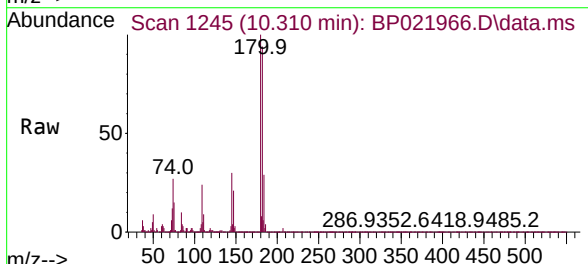
RT: 10.310 min Scan# 1245

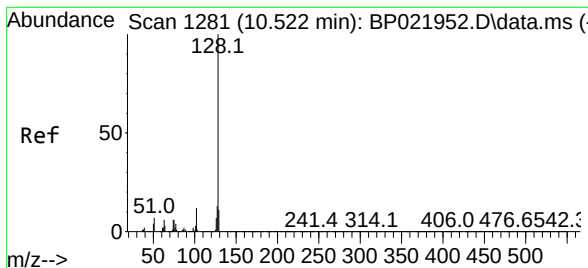
Delta R.T. -0.035 min

Lab File: BP021966.D

Acq: 20 Sep 2024 14:06

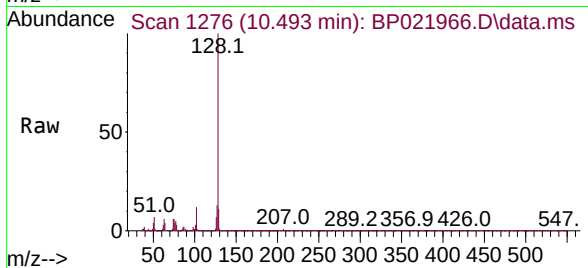
Tgt Ion:180	Resp:	62488
Ion Ratio	Lower	Upper
180	100	
182	94.2	77.0 115.4
145	29.9	23.0 34.6





#31
Naphthalene
Concen: 10.279 ng
RT: 10.493 min Scan# 1142
Delta R.T. -0.029 min
Lab File: BP021966.D
Acq: 20 Sep 2024 14:06

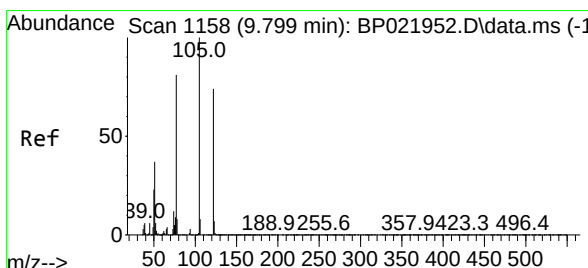
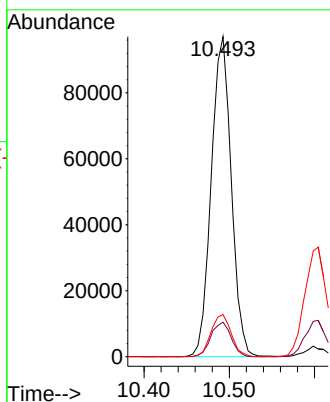
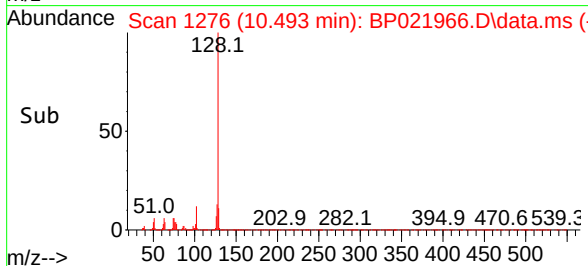
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion:128 Resp: 15836
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 13.2 10.6 15.8

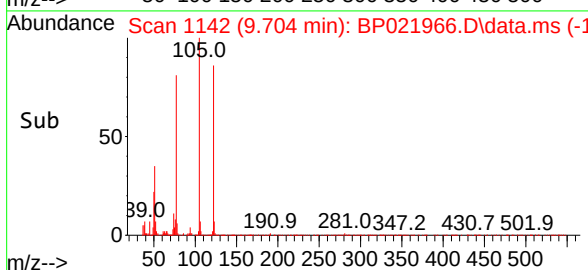
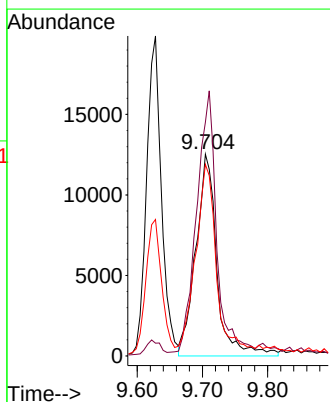
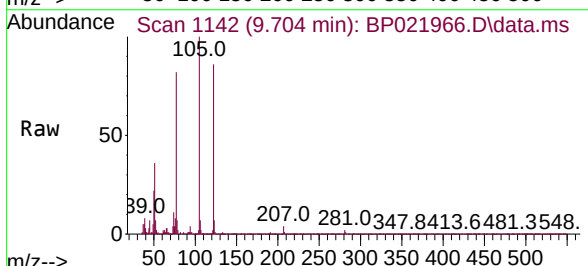
Manual Integrations
APPROVED

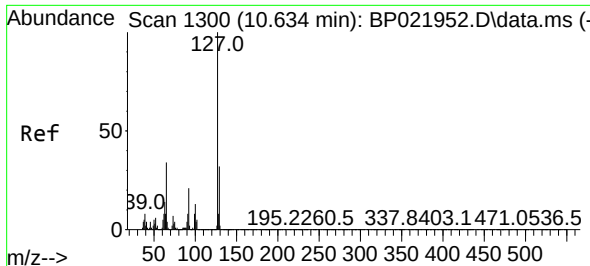
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#32
Benzoic acid
Concen: 8.046 ng m
RT: 9.704 min Scan# 1142
Delta R.T. -0.094 min
Lab File: BP021966.D
Acq: 20 Sep 2024 14:06

Tgt Ion:122 Resp: 28222
Ion Ratio Lower Upper
122 100
105 115.9 111.3 151.3
77 95.0 86.7 126.7





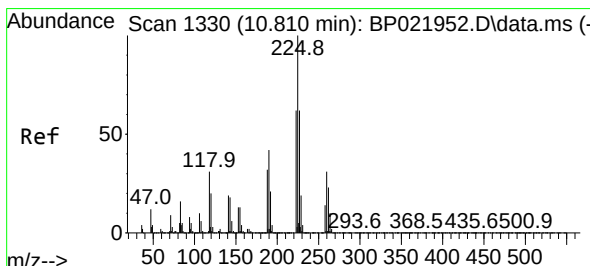
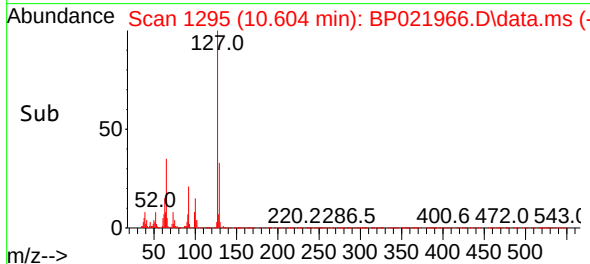
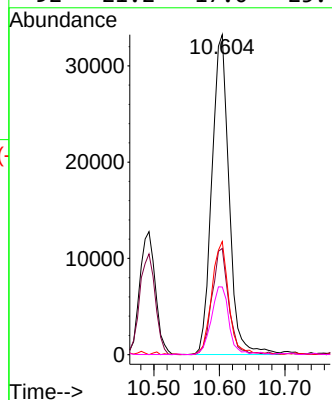
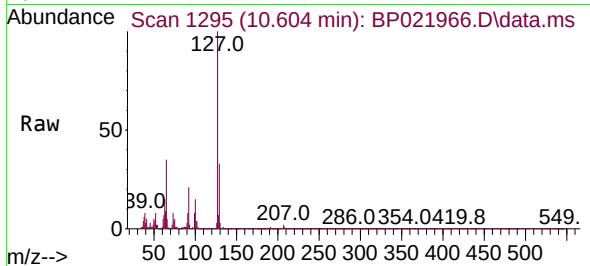
#33
4-Chloroaniline
Concen: 10.912 ng
RT: 10.604 min Scan# 1300
Delta R.T. -0.029 min
Lab File: BP021966.D
Acq: 20 Sep 2024 14:06

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

Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.2	25.4	38.0
65	35.3	27.4	41.2
92	21.2	17.0	25.4

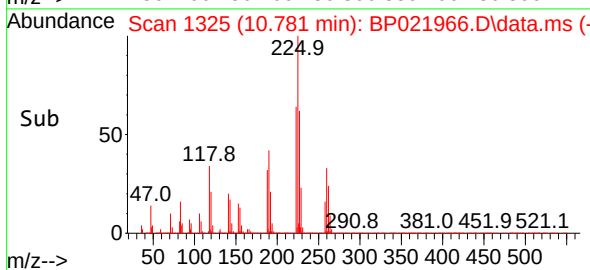
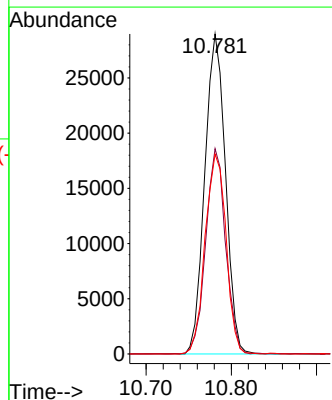
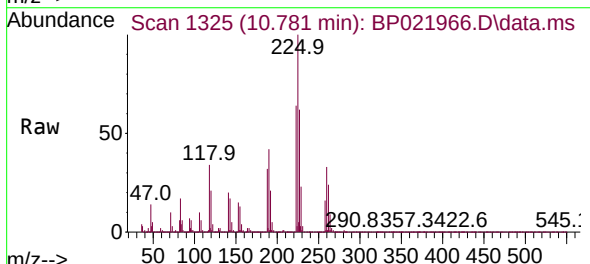
Manual Integrations
APPROVED

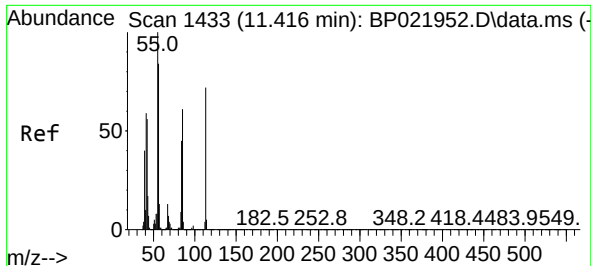
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#34
Hexachlorobutadiene
Concen: 9.832 ng
RT: 10.781 min Scan# 1325
Delta R.T. -0.029 min
Lab File: BP021966.D
Acq: 20 Sep 2024 14:06

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.1	50.0	75.0
227	62.5	49.7	74.5





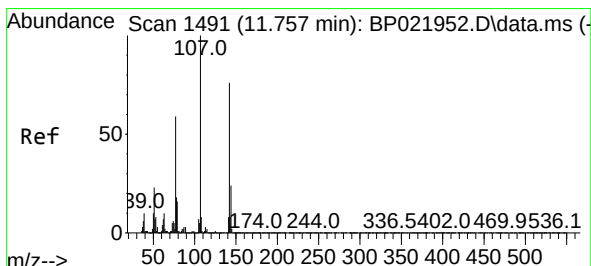
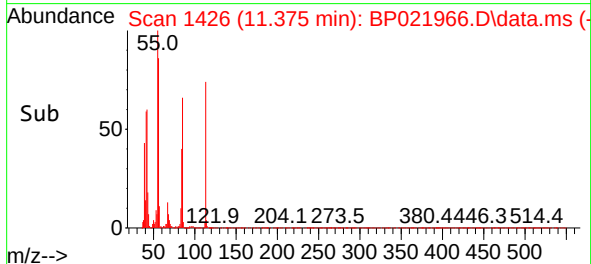
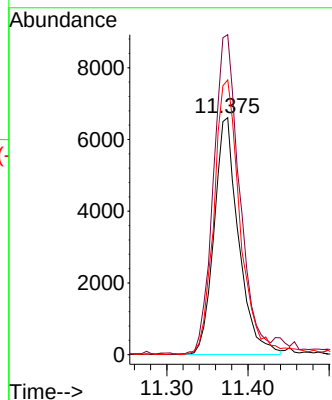
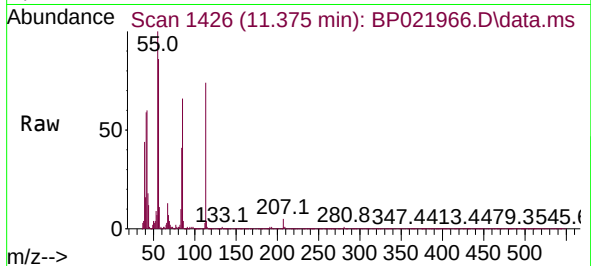
#35
Caprolactam
Concen: 9.116 ng
RT: 11.375 min Scan# 1433
Delta R.T. -0.041 min
Lab File: BP021966.D
Acq: 20 Sep 2024 14:06

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

Tgt Ion:113 Resp: 1381
Ion Ratio Lower Upper
113 100
55 135.0 119.4 159.4
56 115.9 97.1 137.1

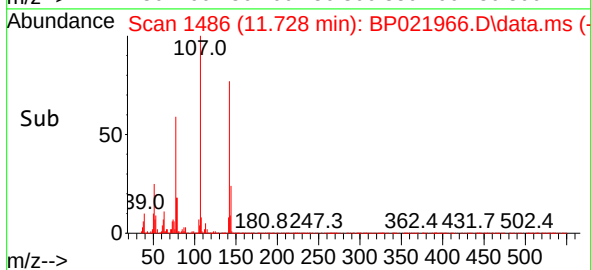
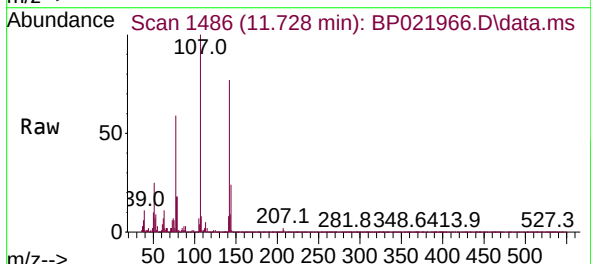
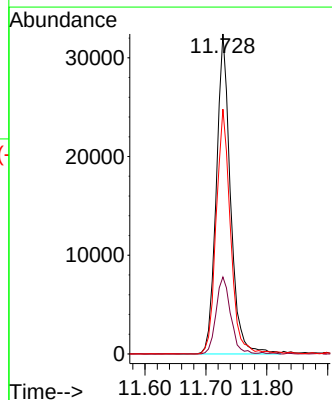
Manual Integrations
APPROVED

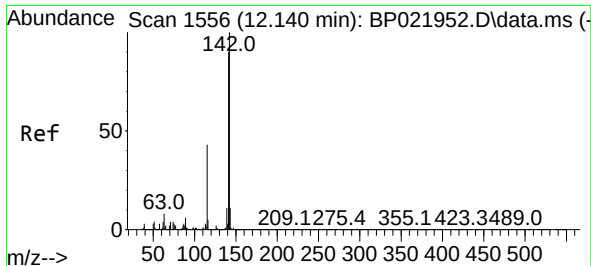
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#36
4-Chloro-3-methylphenol
Concen: 9.585 ng
RT: 11.728 min Scan# 1486
Delta R.T. -0.029 min
Lab File: BP021966.D
Acq: 20 Sep 2024 14:06

Tgt Ion:107 Resp: 52365
Ion Ratio Lower Upper
107 100
144 24.1 19.0 28.4
142 76.5 60.4 90.6





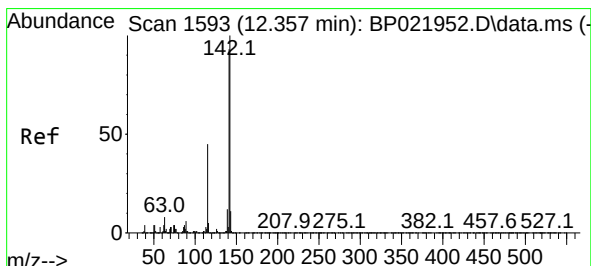
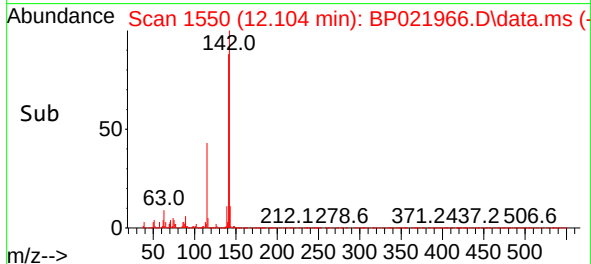
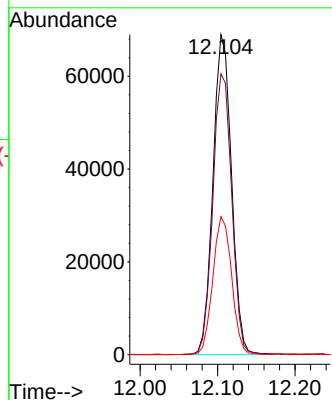
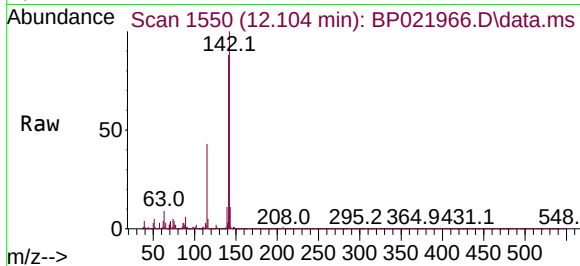
#37
2-Methylnaphthalene
Concen: 10.174 ng
RT: 12.104 min Scan# 114680
Delta R.T. -0.035 min
Lab File: BP021966.D
Acq: 20 Sep 2024 14:06

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

Tgt Ion:142 Resp: 114680
Ion Ratio Lower Upper
142 100
141 87.8 71.7 107.5
115 43.2 34.6 51.8

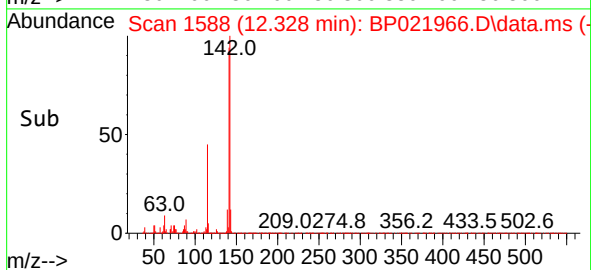
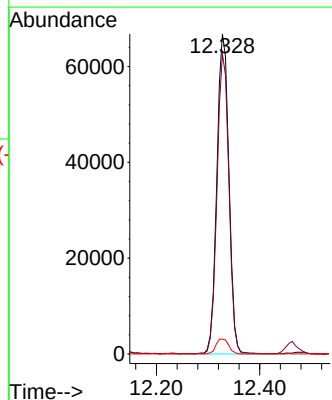
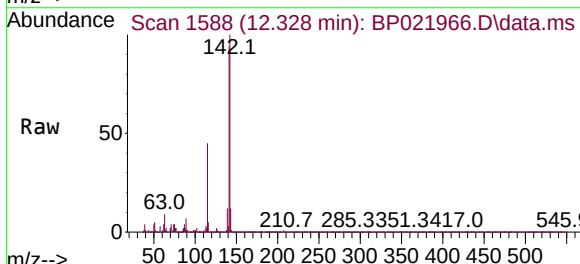
Manual Integrations
APPROVED

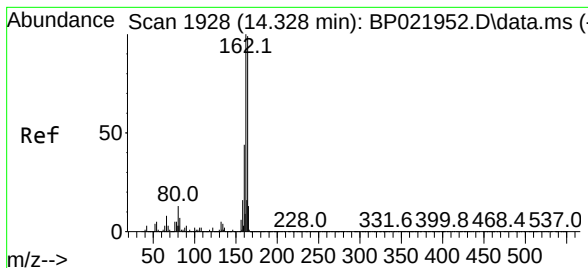
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#38
1-Methylnaphthalene
Concen: 9.707 ng
RT: 12.328 min Scan# 1588
Delta R.T. -0.029 min
Lab File: BP021966.D
Acq: 20 Sep 2024 14:06

Tgt Ion:142 Resp: 108032
Ion Ratio Lower Upper
142 100
141 93.7 74.1 111.1
116 4.7 3.8 5.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.316 min Scan# 1928

Delta R.T. -0.012 min

Lab File: BP021966.D

Acq: 20 Sep 2024 14:06

Instrument :

BNA_P

ClientSampleId :

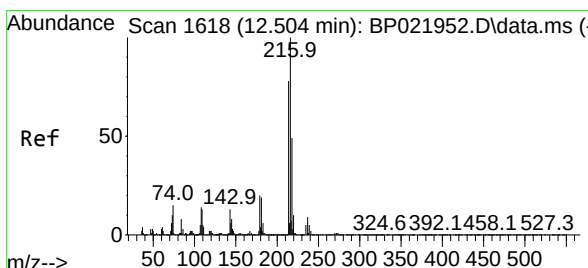
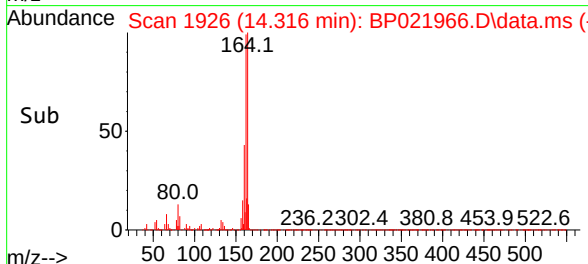
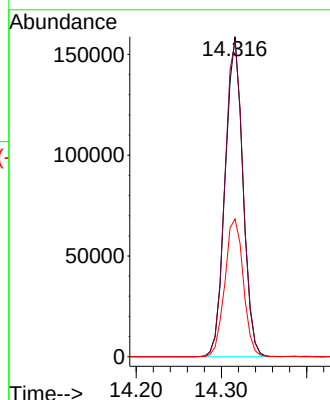
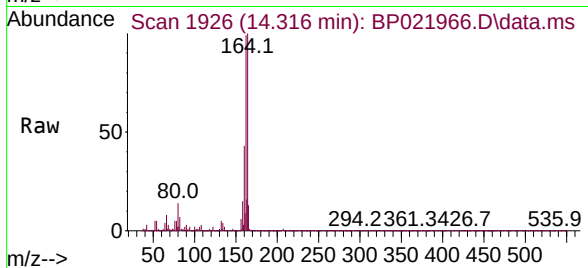
LOQ-WATER-02-QT2-2024

Tgt Ion:164	Resp:	228754
Ion Ratio	Lower	Upper
164	100	
162	98.5	81.2 121.8
160	43.0	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: 10.355 ng

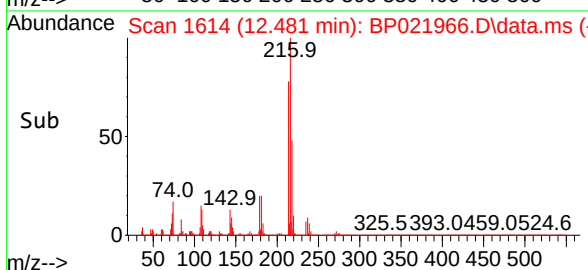
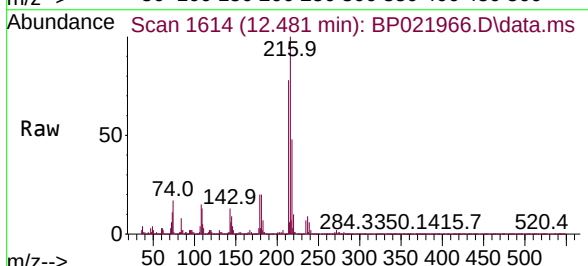
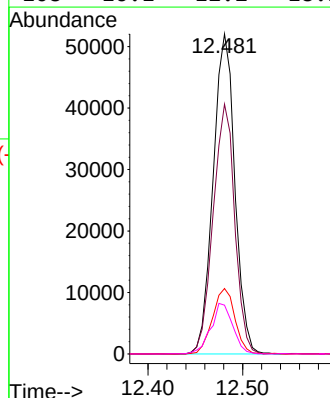
RT: 12.481 min Scan# 1614

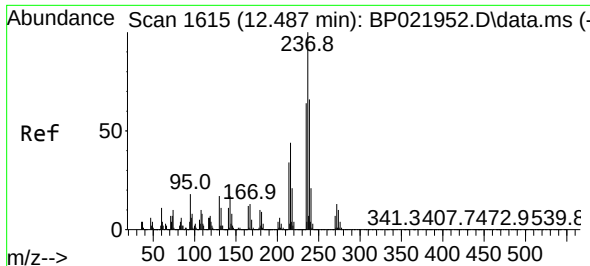
Delta R.T. -0.024 min

Lab File: BP021966.D

Acq: 20 Sep 2024 14:06

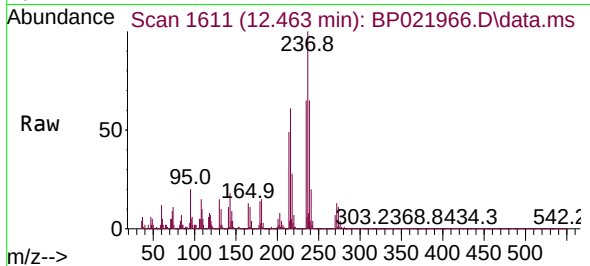
Tgt Ion:216	Resp:	82877
Ion Ratio	Lower	Upper
216	100	
214	77.5	62.8 94.2
179	21.0	16.4 24.6
108	16.1	12.2 18.2





#41
Hexachlorocyclopentadiene
Concen: 12.091 ng
RT: 12.463 min Scan# 10
Delta R.T. -0.024 min
Lab File: BP021966.D
Acq: 20 Sep 2024 14:06

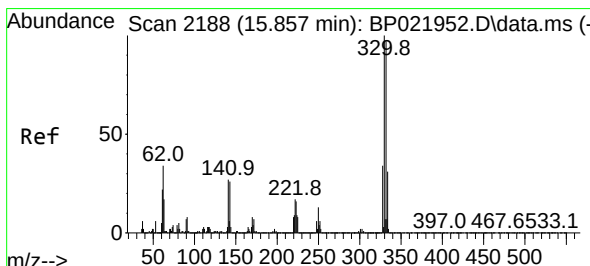
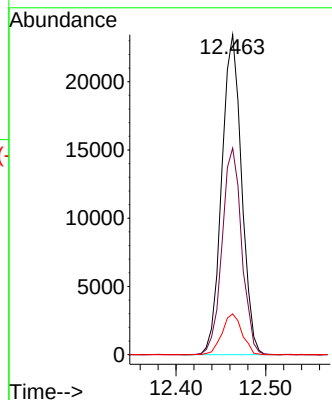
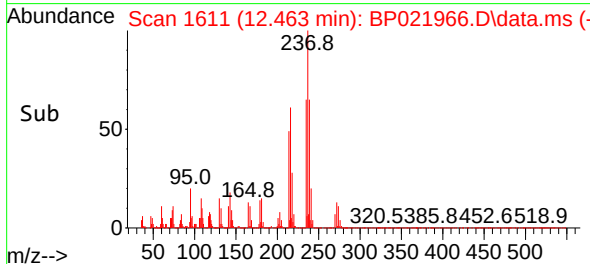
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion: 237 Resp: 3595
Ion Ratio Lower Upper
237 100
235 64.6 44.1 84.1
272 12.7 0.0 33.1

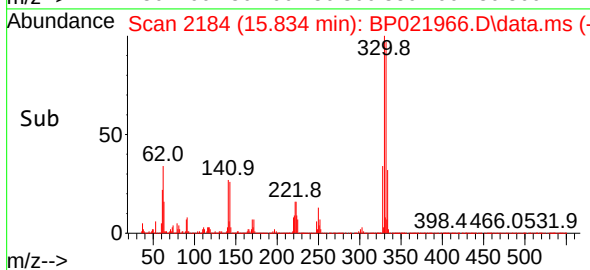
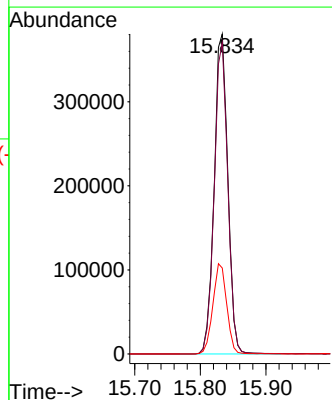
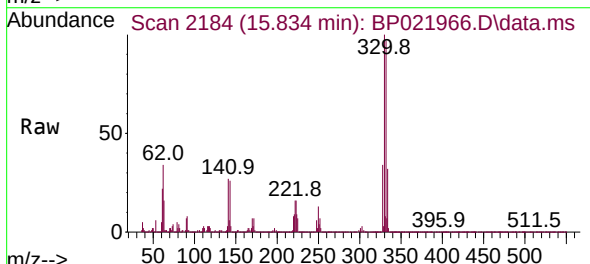
Manual Integrations
APPROVED

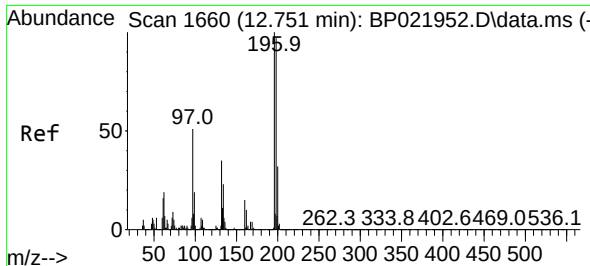
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#42
2,4,6-Tribromophenol
Concen: 129.644 ng
RT: 15.834 min Scan# 2184
Delta R.T. -0.024 min
Lab File: BP021966.D
Acq: 20 Sep 2024 14:06

Tgt Ion: 330 Resp: 549801
Ion Ratio Lower Upper
330 100
332 96.6 77.5 116.3
141 28.7 23.4 35.0





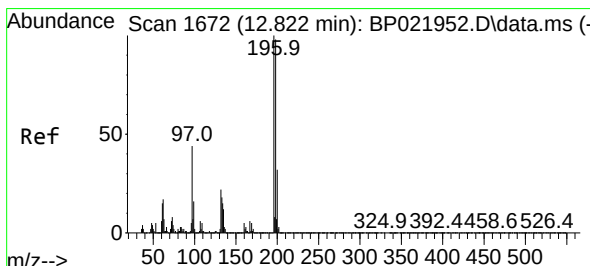
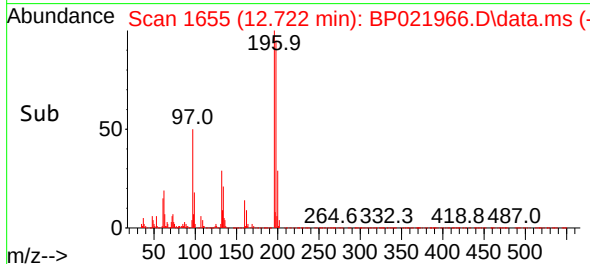
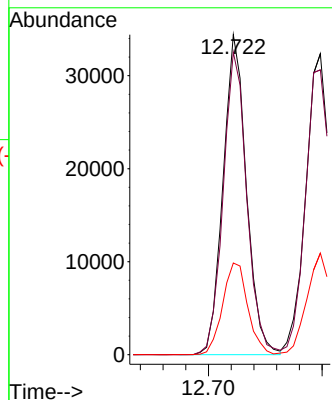
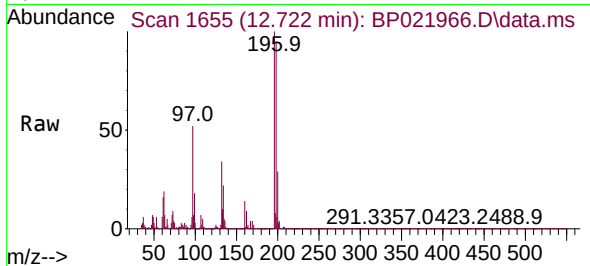
#43
2,4,6-Trichlorophenol
Concen: 10.006 ng
RT: 12.722 min Scan# 1660
Delta R.T. -0.029 min
Lab File: BP021966.D
Acq: 20 Sep 2024 14:06

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

Tgt Ion:196 Resp: 4915
Ion Ratio Lower Upper
196 100
198 94.5 77.6 116.4
200 28.7 25.8 38.6

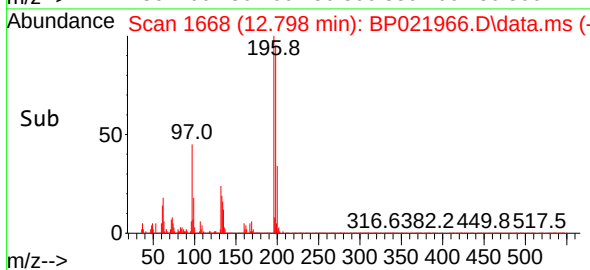
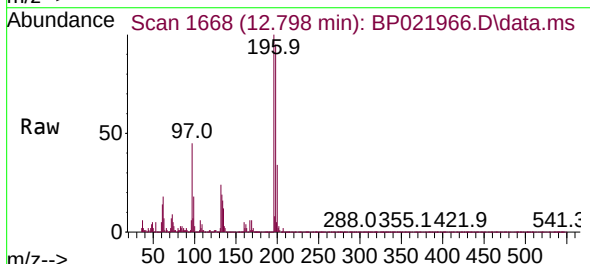
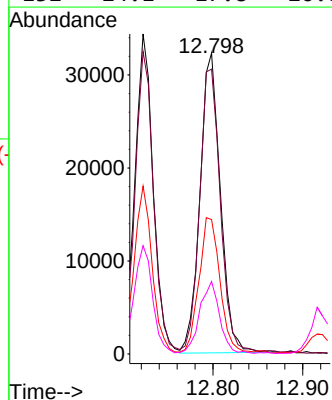
Manual Integrations
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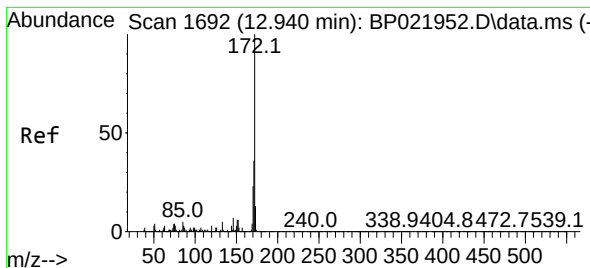
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#44
2,4,5-Trichlorophenol
Concen: 9.271 ng
RT: 12.798 min Scan# 1668
Delta R.T. -0.024 min
Lab File: BP021966.D
Acq: 20 Sep 2024 14:06

Tgt Ion:196 Resp: 51089
Ion Ratio Lower Upper
196 100
198 94.6 78.2 117.4
97 44.7 35.0 52.4
132 24.1 17.8 26.8





#45

2-Fluorobiphenyl

Concen: 87.007 ng

RT: 12.922 min Scan# 1689

Delta R.T. -0.018 min

Lab File: BP021966.D

Acq: 20 Sep 2024 14:06

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT2-2024

Tgt Ion:172 Resp: 136345

Ion Ratio Lower Upper

172 100

171 35.3 28.6 43.0

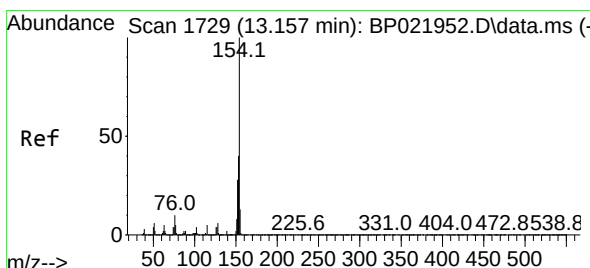
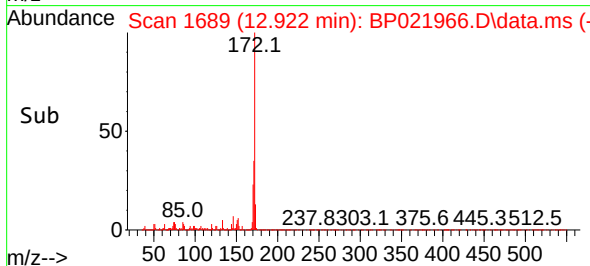
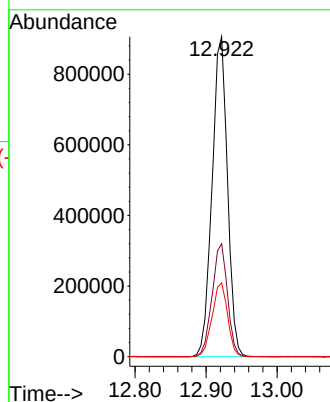
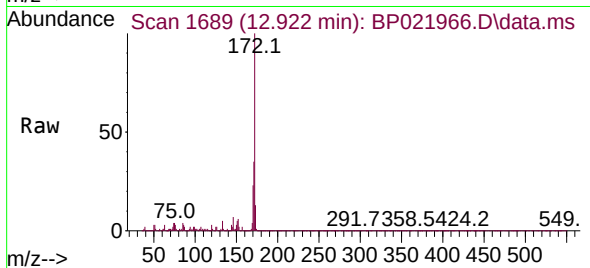
170 23.1 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024

Supervised By :mohammad ahmed 09/24/2024



#46

1,1'-Biphenyl

Concen: 10.785 ng

RT: 13.122 min Scan# 1723

Delta R.T. -0.035 min

Lab File: BP021966.D

Acq: 20 Sep 2024 14:06

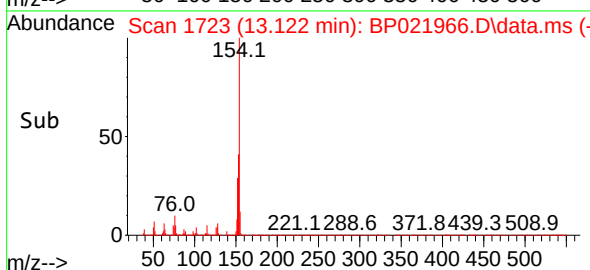
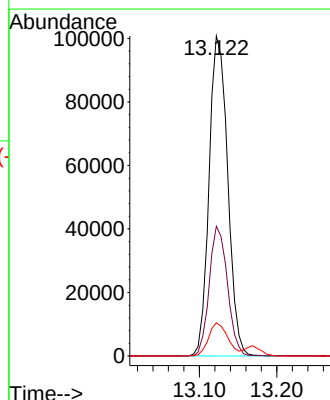
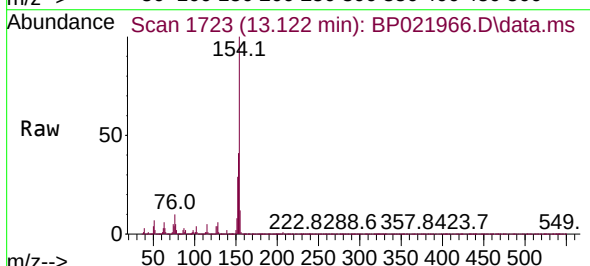
Tgt Ion:154 Resp: 168222

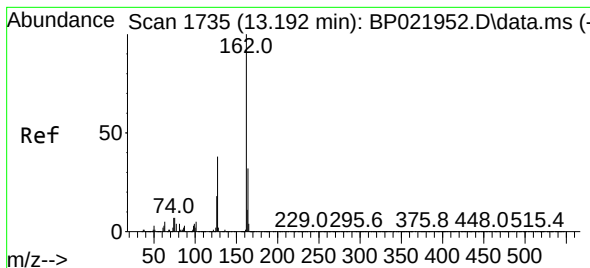
Ion Ratio Lower Upper

154 100

153 40.6 20.2 60.2

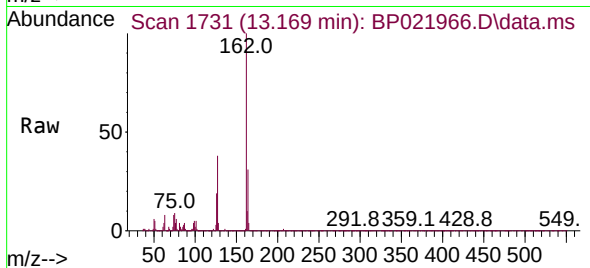
76 10.4 0.0 29.9





#47
2-Chloronaphthalene
Concen: 10.254 ng
RT: 13.169 min Scan# 1735
Delta R.T. -0.024 min
Lab File: BP021966.D
Acq: 20 Sep 2024 14:06

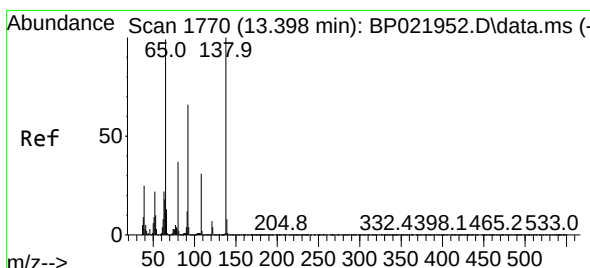
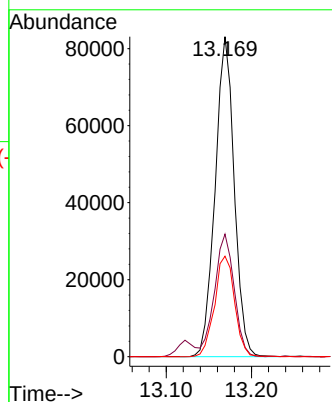
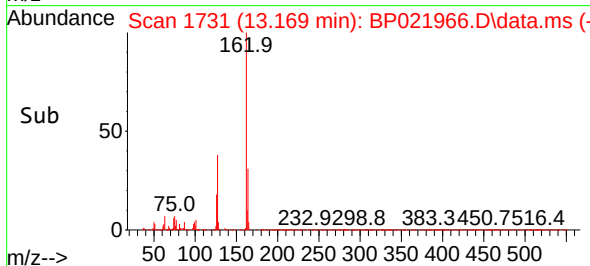
Instrument : BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion: 162 Resp: 129320
Ion Ratio Lower Upper
162 100
127 38.3 31.7 47.5
164 31.4 25.9 38.9

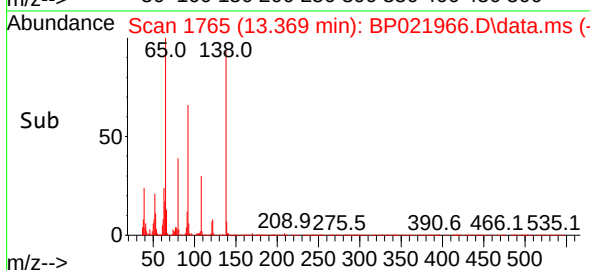
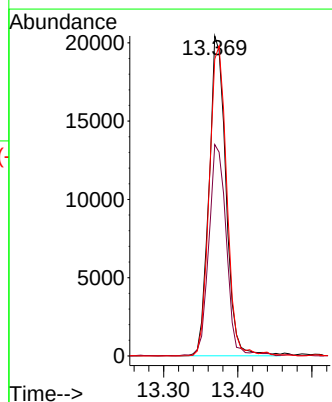
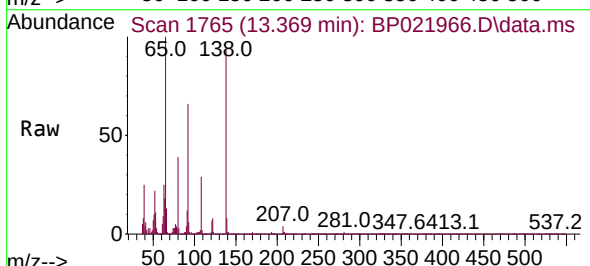
Manual Integrations
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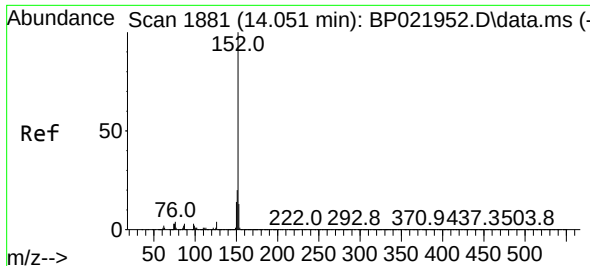
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#48
2-Nitroaniline
Concen: 9.430 ng
RT: 13.369 min Scan# 1765
Delta R.T. -0.029 min
Lab File: BP021966.D
Acq: 20 Sep 2024 14:06

Tgt Ion: 65 Resp: 32473
Ion Ratio Lower Upper
65 100
92 66.0 53.2 79.8
138 92.8 81.1 121.7





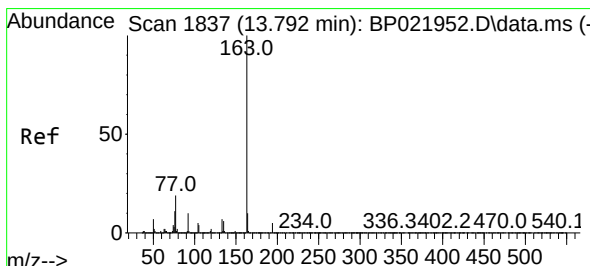
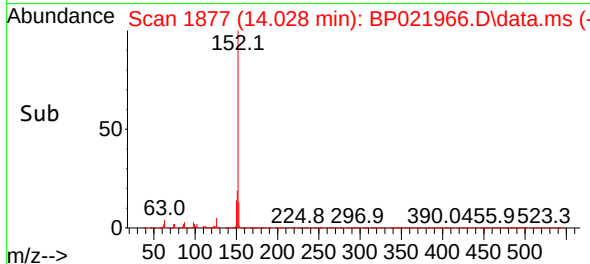
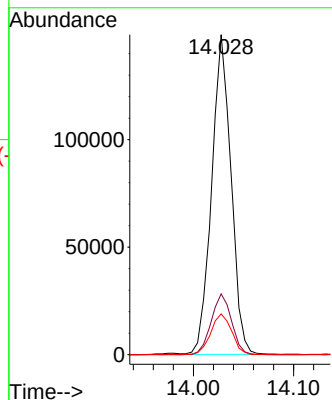
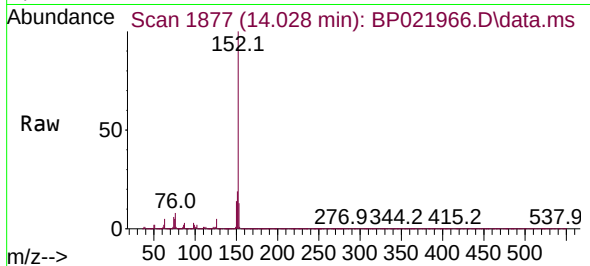
#49
Acenaphthylene
Concen: 11.223 ng
RT: 14.028 min Scan# 1877
Delta R.T. -0.024 min
Lab File: BP021966.D
Acq: 20 Sep 2024 14:06

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

Tgt Ion:152 Resp: 19971
Ion Ratio Lower Upper
152 100
151 19.0 16.0 24.0
153 12.7 10.8 16.2

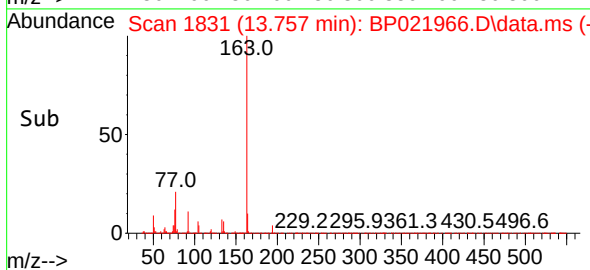
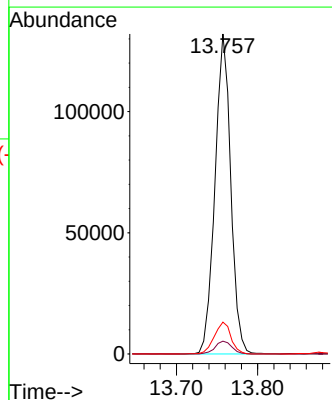
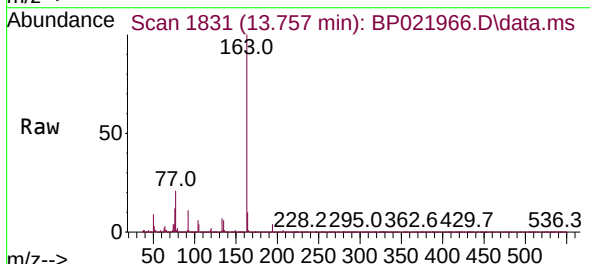
Manual Integrations
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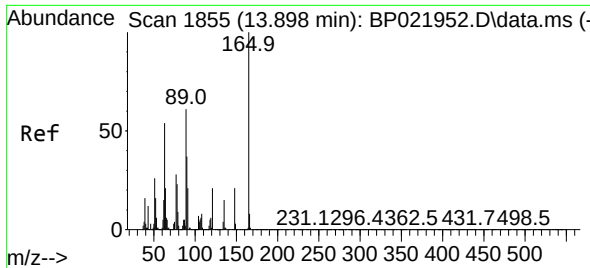
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#50
Dimethylphthalate
Concen: 10.739 ng
RT: 13.757 min Scan# 1831
Delta R.T. -0.035 min
Lab File: BP021966.D
Acq: 20 Sep 2024 14:06

Tgt Ion:163 Resp: 178173
Ion Ratio Lower Upper
163 100
194 4.0 3.6 5.4
164 10.0 8.0 12.0





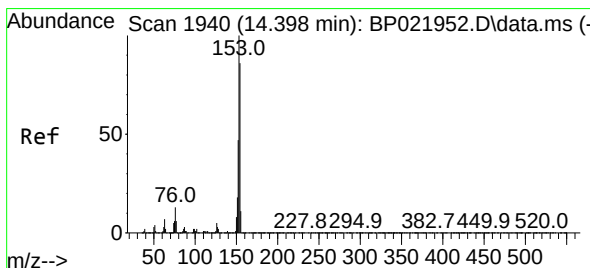
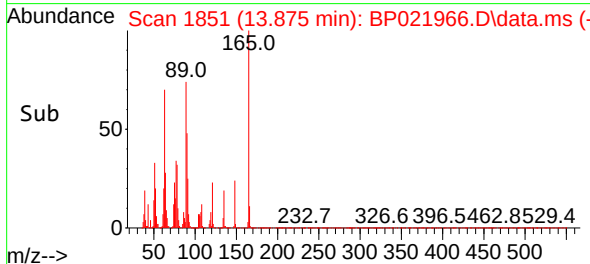
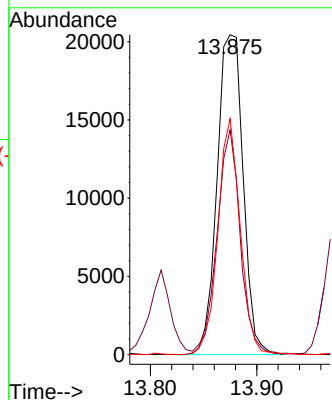
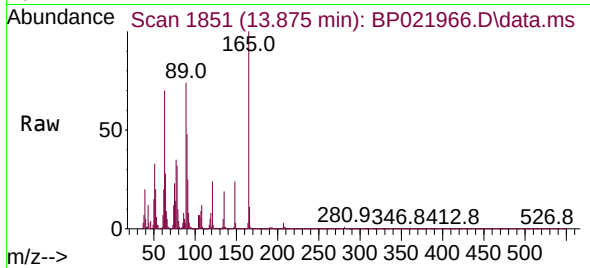
#51
2,6-Dinitrotoluene
Concen: 9.393 ng
RT: 13.875 min Scan# 1851
Delta R.T. -0.024 min
Lab File: BP021966.D
Acq: 20 Sep 2024 14:06

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

Tgt Ion:165 Resp: 34720
Ion Ratio Lower Upper
165 100
63 70.3 46.4 69.6
89 73.7 48.5 72.7

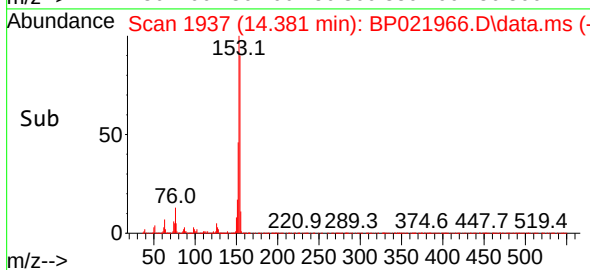
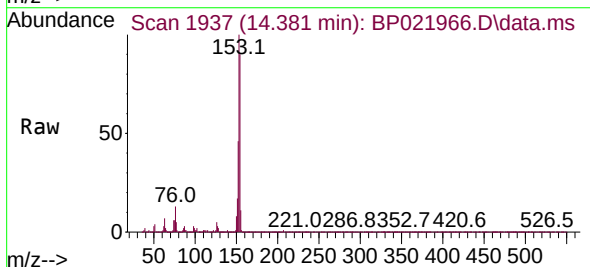
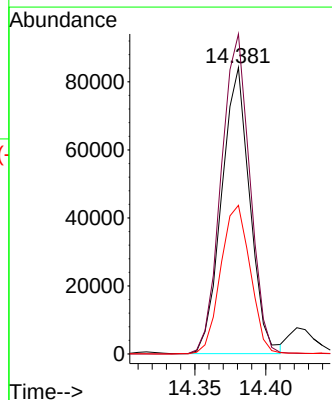
Manual Integrations
APPROVED

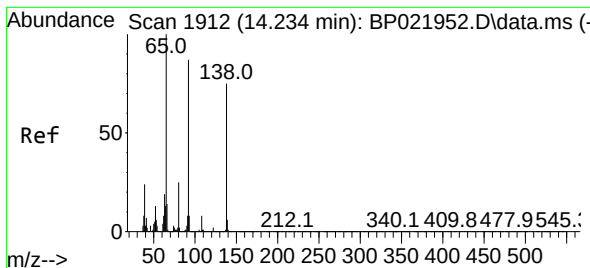
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#52
Acenaphthene
Concen: 10.028 ng
RT: 14.381 min Scan# 1937
Delta R.T. -0.018 min
Lab File: BP021966.D
Acq: 20 Sep 2024 14:06

Tgt Ion:154 Resp: 116149
Ion Ratio Lower Upper
154 100
153 111.7 92.7 139.1
152 51.9 43.6 65.4





#53

3-Nitroaniline

Concen: 9.547 ng

RT: 14.216 min Scan# 1912

Delta R.T. -0.018 min

Lab File: BP021966.D

Acq: 20 Sep 2024 14:06

Instrument :

BNA_P

ClientSampleId :

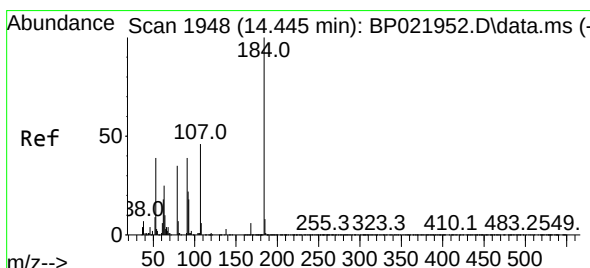
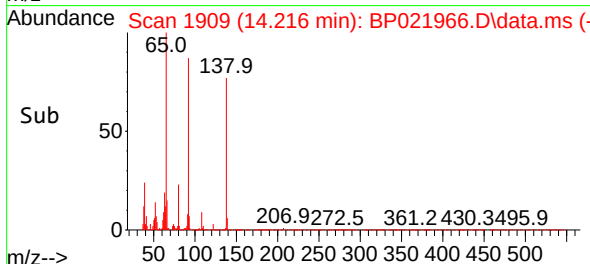
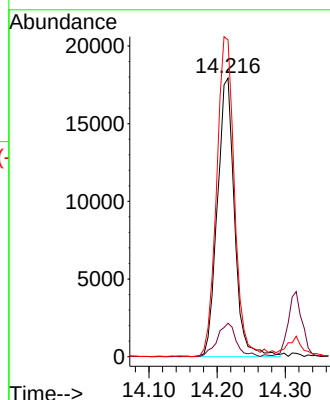
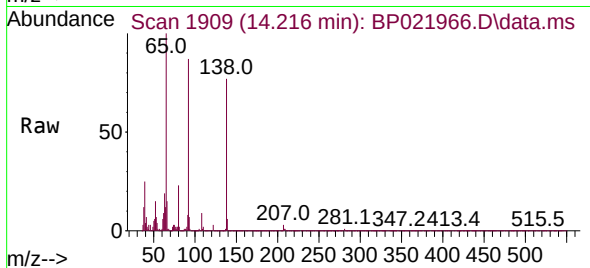
LOQ-WATER-02-QT2-2024

Tgt Ion:138	Resp:	3145
Ion Ratio	Lower	Upper
138	100	
108	12.0	9.0 13.4
92	113.7	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: 7.950 ng

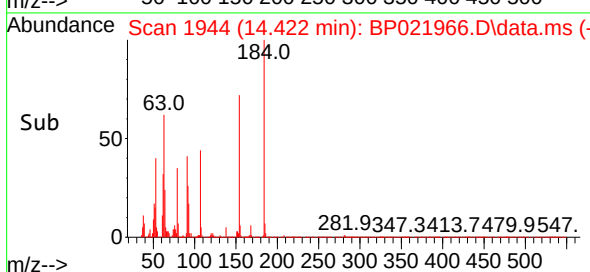
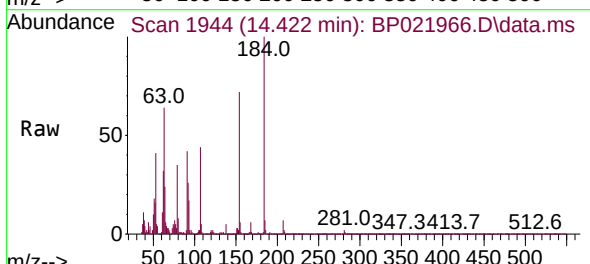
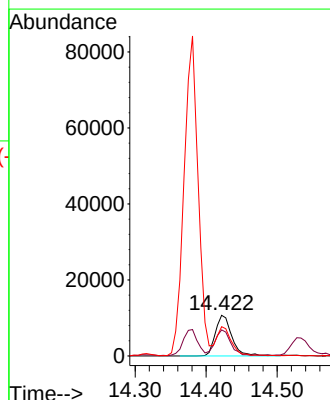
RT: 14.422 min Scan# 1944

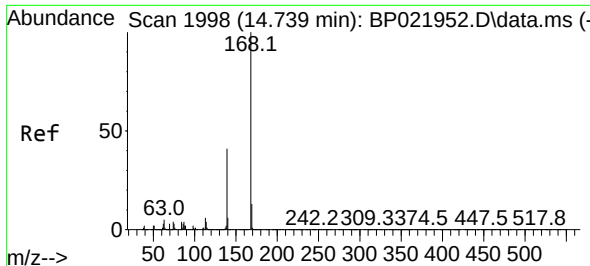
Delta R.T. -0.024 min

Lab File: BP021966.D

Acq: 20 Sep 2024 14:06

Tgt Ion:184	Resp:	17220
Ion Ratio	Lower	Upper
184	100	
63	64.2	49.0 73.6
154	72.0	58.1 87.1





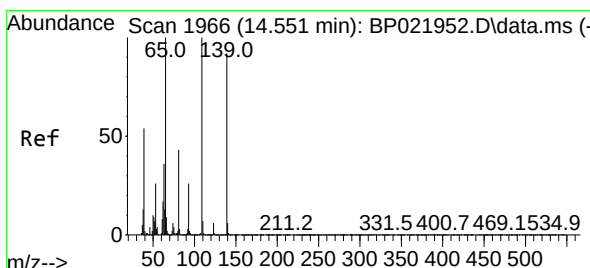
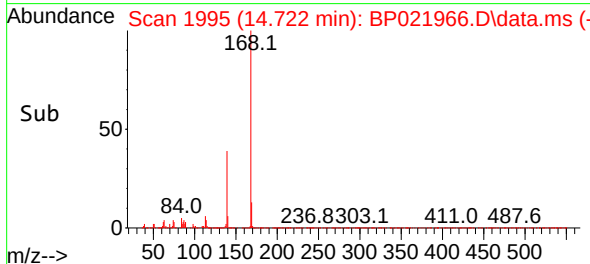
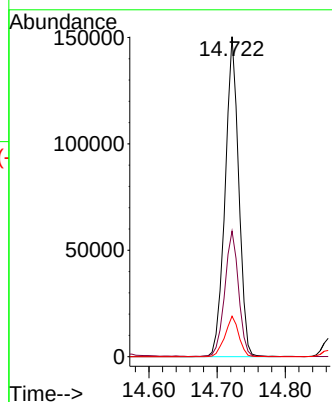
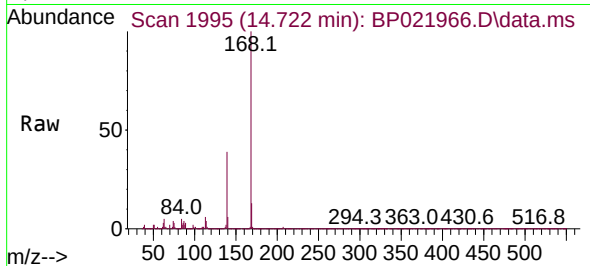
#55
Dibenzenofuran
Concen: 10.724 ng
RT: 14.722 min Scan# 1995
Delta R.T. -0.018 min
Lab File: BP021966.D
Acq: 20 Sep 2024 14:06

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

Tgt Ion:168 Resp: 208769
Ion Ratio Lower Upper
168 100
139 39.3 33.0 49.4
169 12.7 10.7 16.1

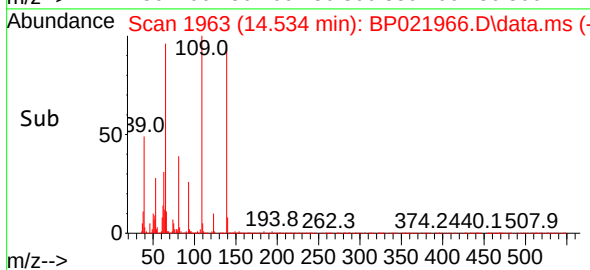
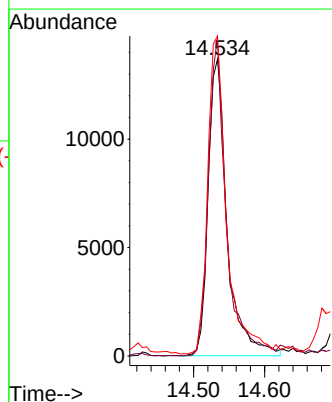
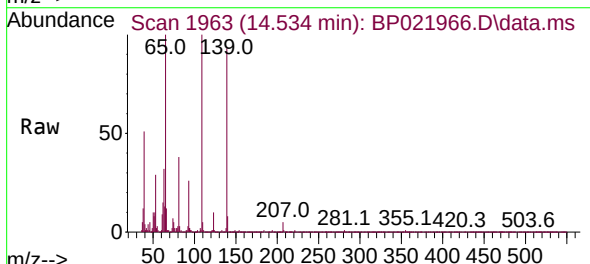
Manual Integrations
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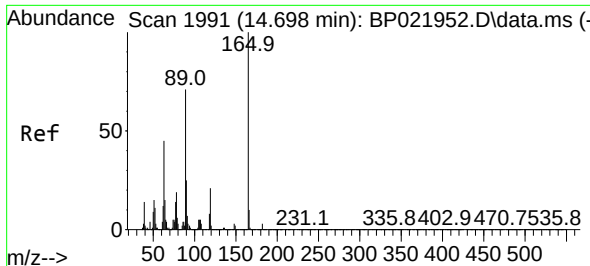
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#56
4-Nitrophenol
Concen: 8.923 ng
RT: 14.534 min Scan# 1963
Delta R.T. -0.018 min
Lab File: BP021966.D
Acq: 20 Sep 2024 14:06

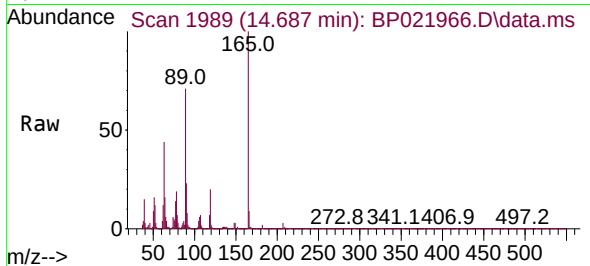
Tgt Ion:139 Resp: 25591
Ion Ratio Lower Upper
139 100
109 107.3 88.6 128.6
65 107.8 88.7 128.7





#57
2,4-Dinitrotoluene
Concen: 8.857 ng
RT: 14.687 min Scan# 1991
Delta R.T. -0.012 min
Lab File: BP021966.D
Acq: 20 Sep 2024 14:06

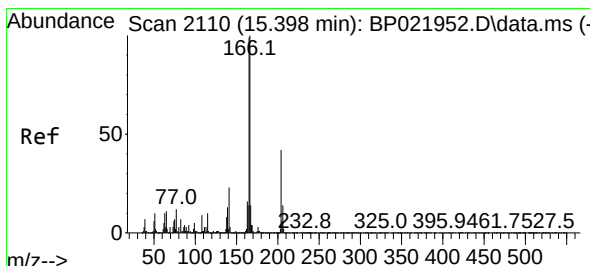
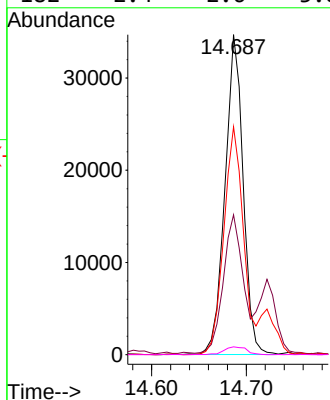
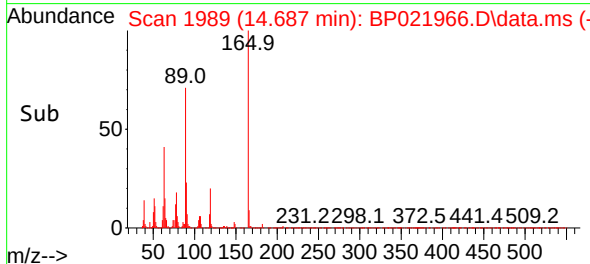
Instrument : BNA_P
ClientSampleId : LOQ-WATER-02-QT2-2024



Tgt Ion:165 Resp: 46288
Ion Ratio Lower Upper
165 100
63 43.7 36.3 54.5
89 71.2 57.2 85.8
182 2.4 2.6 3.8#

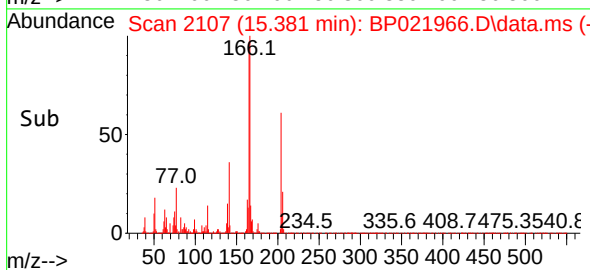
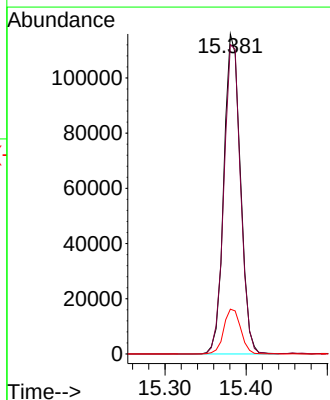
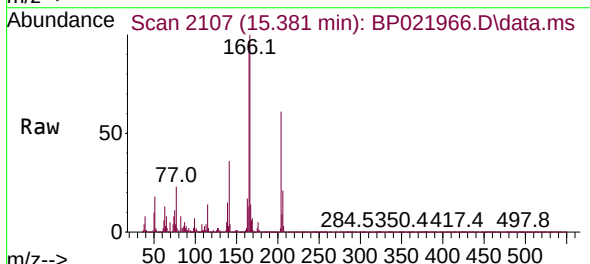
Manual Integrations
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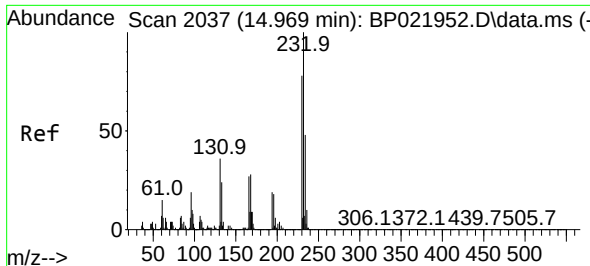
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#58
Fluorene
Concen: 10.099 ng
RT: 15.381 min Scan# 2107
Delta R.T. -0.018 min
Lab File: BP021966.D
Acq: 20 Sep 2024 14:06

Tgt Ion:166 Resp: 164190
Ion Ratio Lower Upper
166 100
165 96.7 79.4 119.2
167 14.0 10.9 16.3





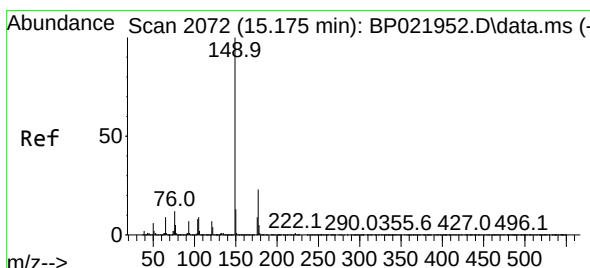
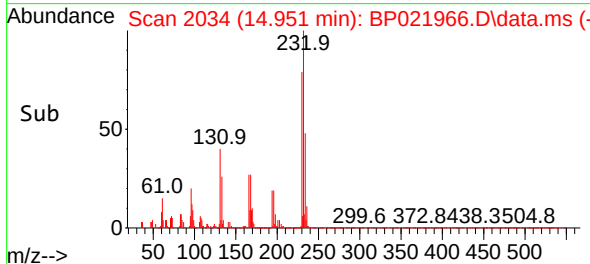
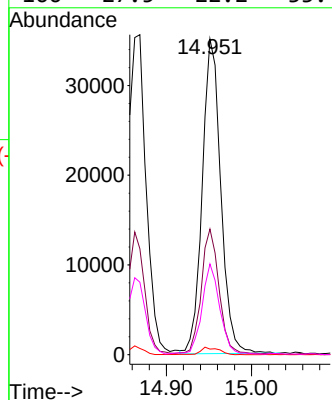
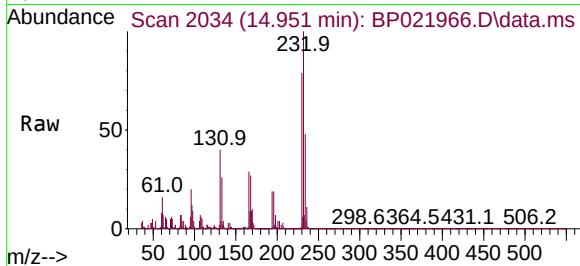
#59
2,3,4,6-Tetrachlorophenol
Concen: 9.978 ng
RT: 14.951 min Scan# 2034
Delta R.T. -0.018 min
Lab File: BP021966.D
Acq: 20 Sep 2024 14:06

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

Tgt Ion:	232	Resp:	5306
Ion Ratio	Lower	Upper	
232	100		
131	37.8	30.2	45.4
130	2.3	1.9	2.9
166	27.5	22.2	33.4

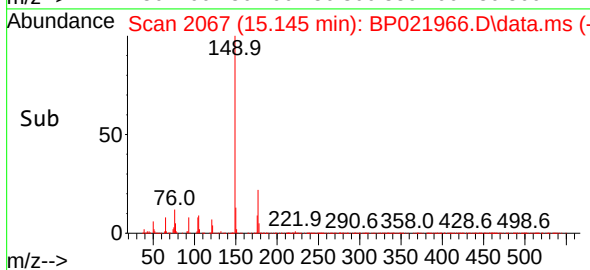
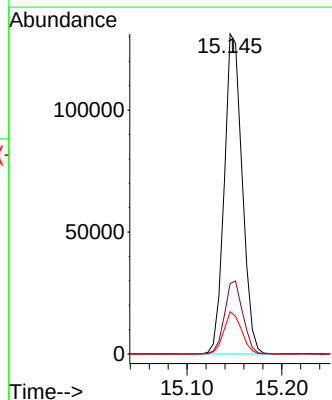
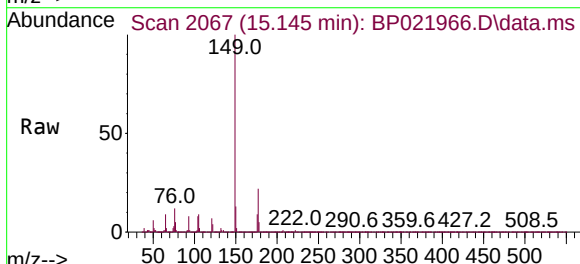
Manual Integrations
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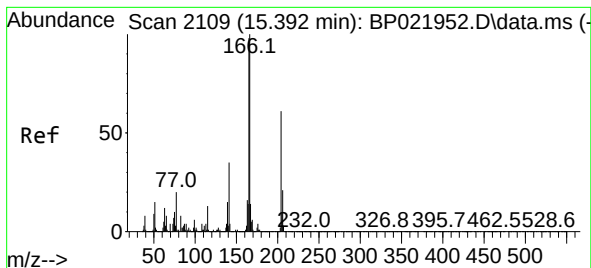
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#60
Diethylphthalate
Concen: 10.223 ng
RT: 15.145 min Scan# 2067
Delta R.T. -0.029 min
Lab File: BP021966.D
Acq: 20 Sep 2024 14:06

Tgt Ion:	149	Resp:	172356
Ion Ratio	Lower	Upper	
149	100		
177	22.0	18.2	27.4
150	13.2	10.1	15.1





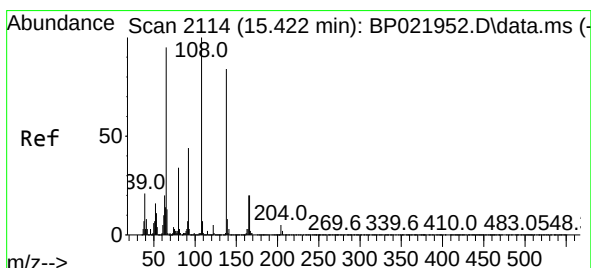
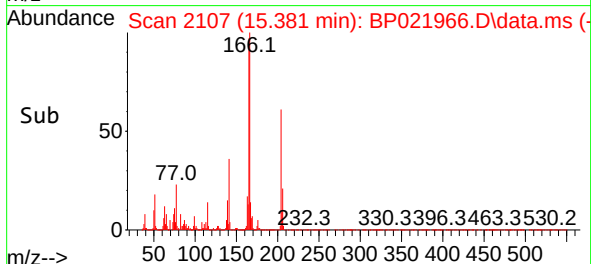
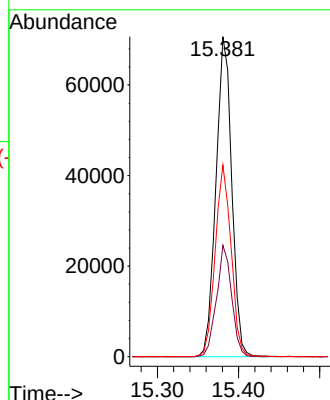
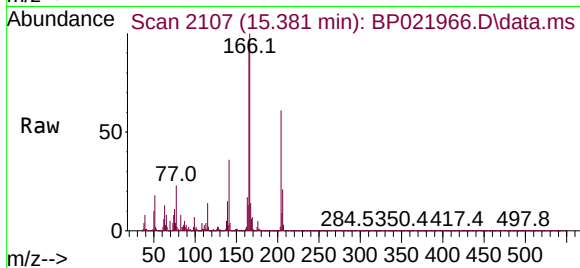
#61
4-Chlorophenyl-phenylether
Concen: 10.109 ng
RT: 15.381 min Scan# 2109
Delta R.T. -0.012 min
Lab File: BP021966.D
Acq: 20 Sep 2024 14:06

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

Tgt Ion:204 Resp: 95679
Ion Ratio Lower Upper
204 100
206 34.8 27.3 40.9
141 59.9 45.7 68.5

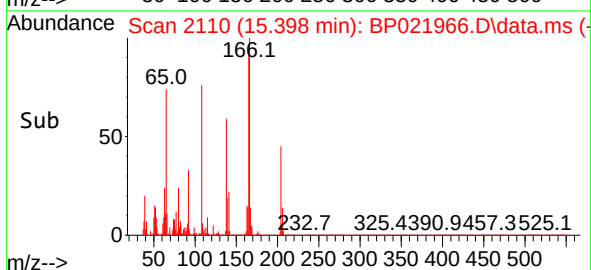
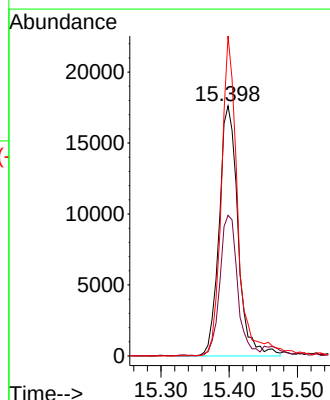
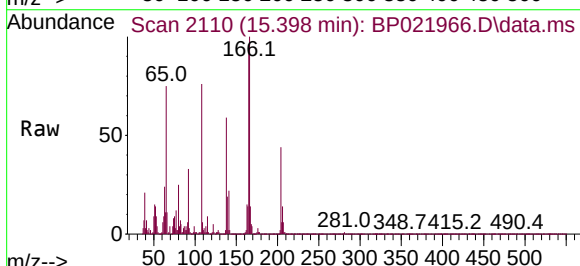
Manual Integrations
APPROVED

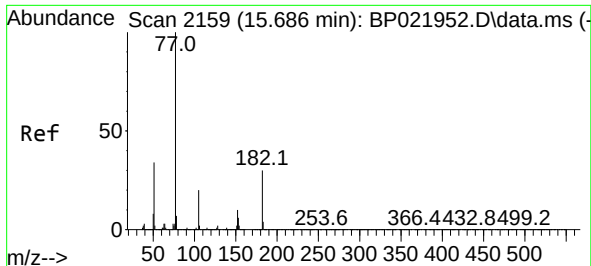
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#62
4-Nitroaniline
Concen: 9.324 ng
RT: 15.398 min Scan# 2110
Delta R.T. -0.024 min
Lab File: BP021966.D
Acq: 20 Sep 2024 14:06

Tgt Ion:138 Resp: 33782
Ion Ratio Lower Upper
138 100
92 56.3 32.6 72.6
108 128.0 98.6 138.6





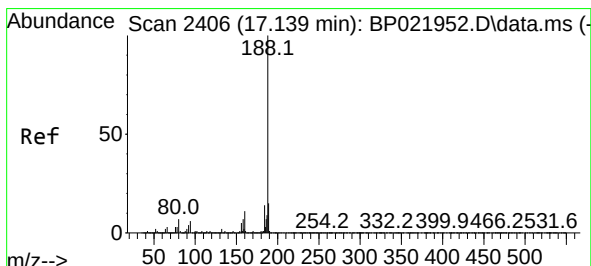
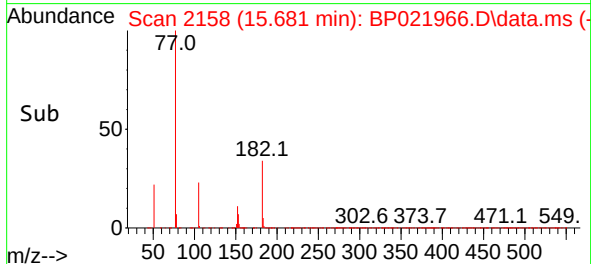
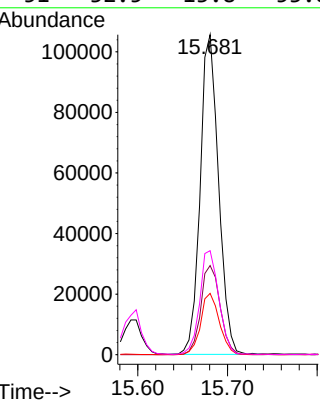
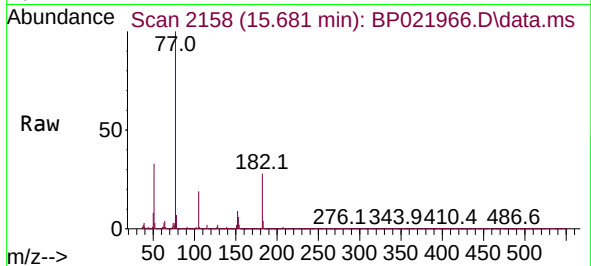
#63
Azobenzene
Concen: 10.760 ng
RT: 15.681 min Scan# 2159
Delta R.T. -0.006 min
Lab File: BP021966.D
Acq: 20 Sep 2024 14:06

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

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.8	9.6	49.6
105	19.2	0.0	39.8
51	32.5	13.8	53.8

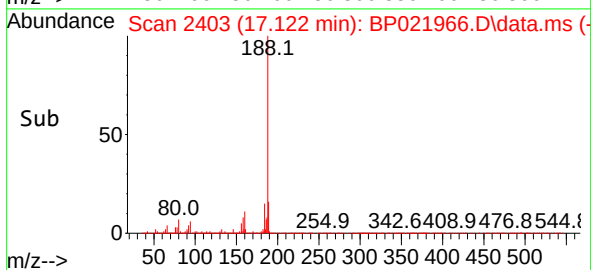
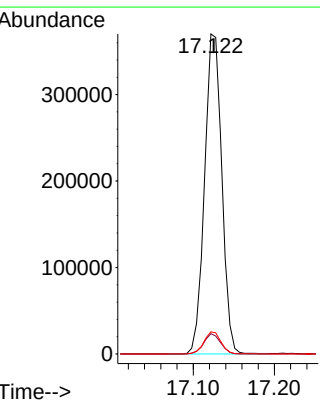
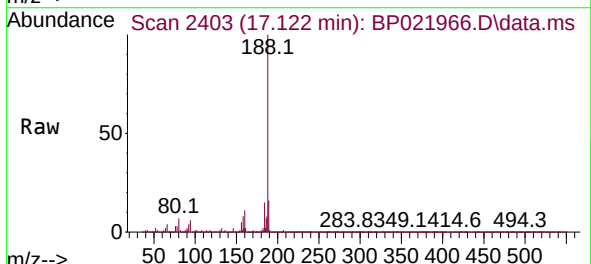
Manual Integrations
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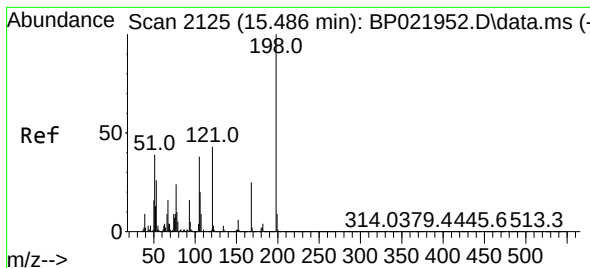
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.122 min Scan# 2403
Delta R.T. -0.018 min
Lab File: BP021966.D
Acq: 20 Sep 2024 14:06

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.4	4.6	6.8
80	6.9	5.4	8.2





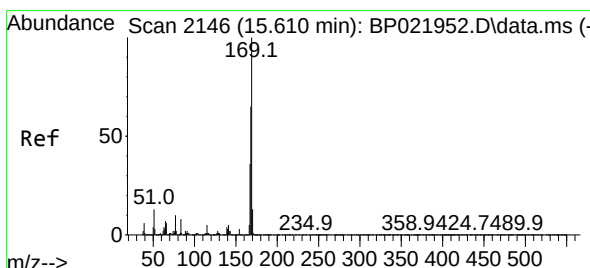
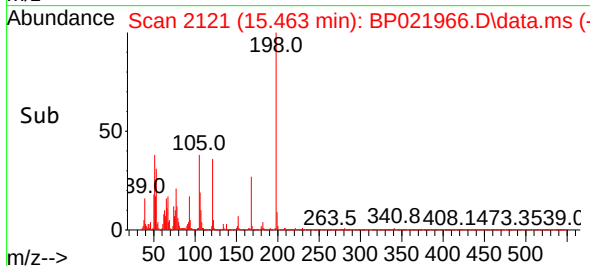
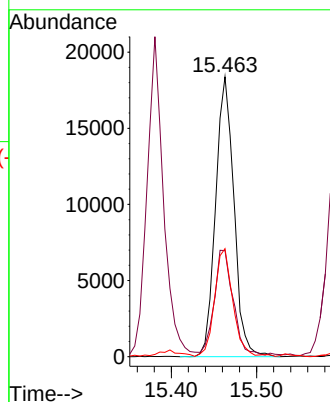
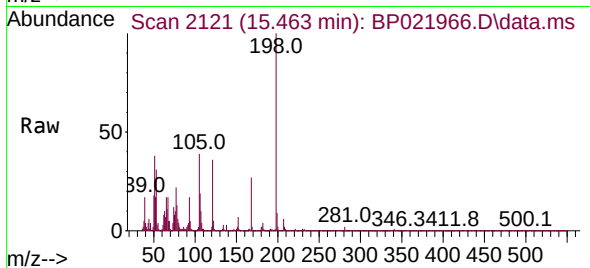
#65
4,6-Dinitro-2-methylphenol
Concen: 8.664 ng
RT: 15.463 min Scan# 2125
Delta R.T. -0.024 min
Lab File: BP021966.D
Acq: 20 Sep 2024 14:06

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

Tgt Ion	Ratio	Lower	Upper
198	100		
51	37.9	20.7	60.7
105	38.6	18.4	58.4

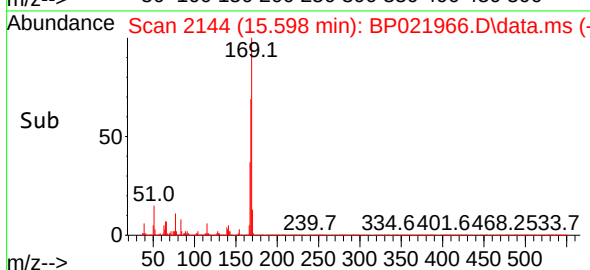
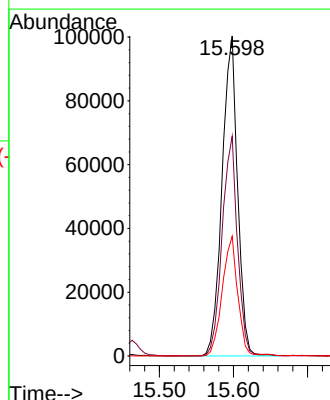
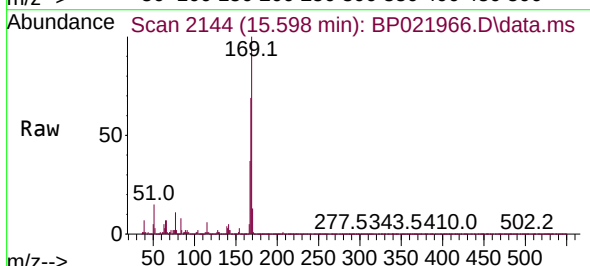
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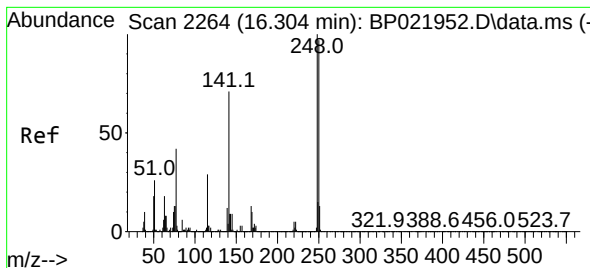
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#66
n-Nitrosodiphenylamine
Concen: 10.723 ng
RT: 15.598 min Scan# 2144
Delta R.T. -0.012 min
Lab File: BP021966.D
Acq: 20 Sep 2024 14:06

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.7	52.2	78.4
167	37.4	28.6	42.8





#67

4-Bromophenyl-phenylether

Concen: 10.311 ng

RT: 16.292 min Scan# 2262

Delta R.T. -0.012 min

Lab File: BP021966.D

Acq: 20 Sep 2024 14:06

Instrument :

BNA_P

ClientSampleId :

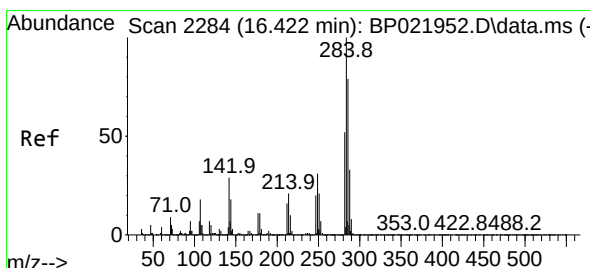
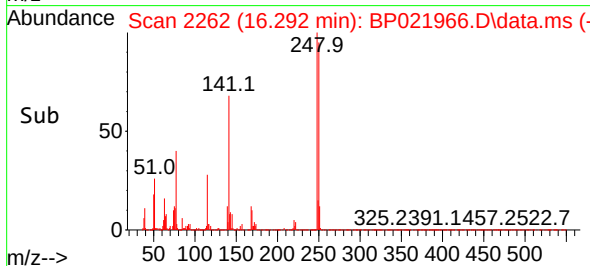
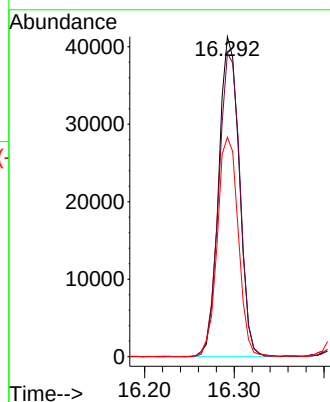
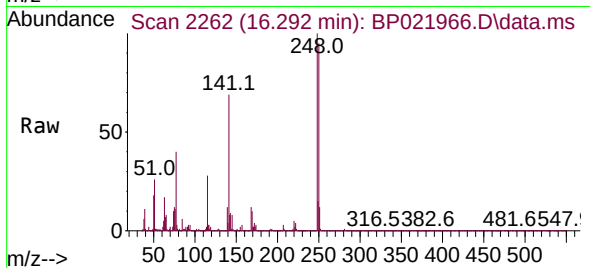
LOQ-WATER-02-QT2-2024

Tgt Ion:	248	Resp:	65718
Ion Ratio	Lower	Upper	
248	100		
250	94.8	77.5	116.3
141	68.6	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: 10.288 ng

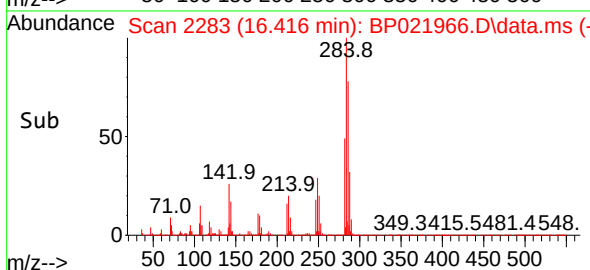
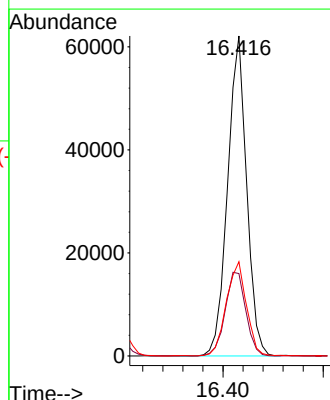
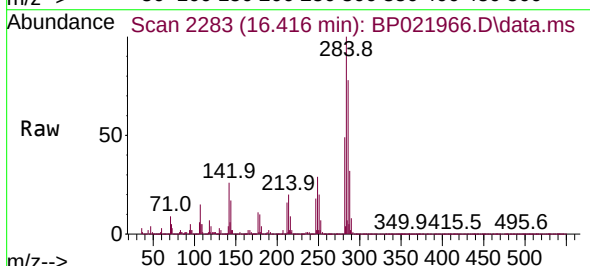
RT: 16.416 min Scan# 2283

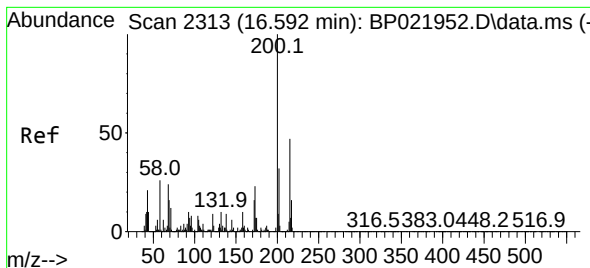
Delta R.T. -0.006 min

Lab File: BP021966.D

Acq: 20 Sep 2024 14:06

Tgt Ion:	284	Resp:	81752
Ion Ratio	Lower	Upper	
284	100		
142	25.7	22.9	34.3
249	29.4	25.2	37.8





#69

Atrazine

Concen: 12.681 ng

RT: 16.569 min Scan# 21

Delta R.T. -0.024 min

Lab File: BP021966.D

Acq: 20 Sep 2024 14:06

Instrument :

BNA_P

ClientSampleId :

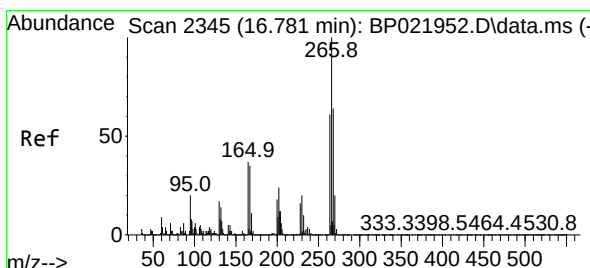
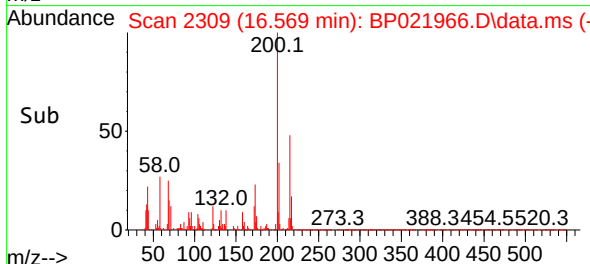
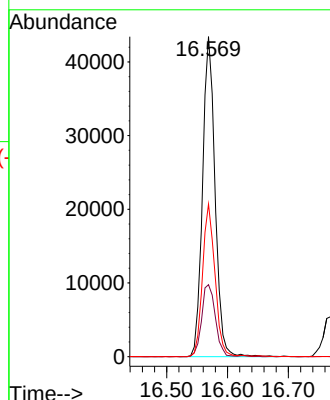
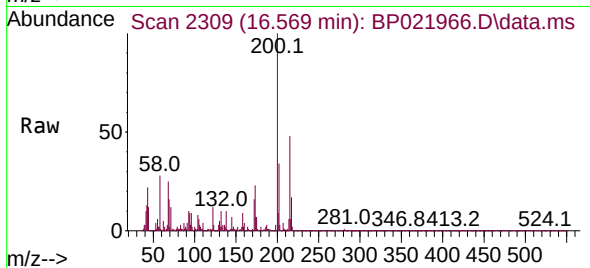
LOQ-WATER-02-QT2-2024

Tgt Ion:200 Resp: 6185
 Ion Ratio Lower Upper
 200 100
 173 22.5 3.0 43.0
 215 47.7 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: 8.779 ng

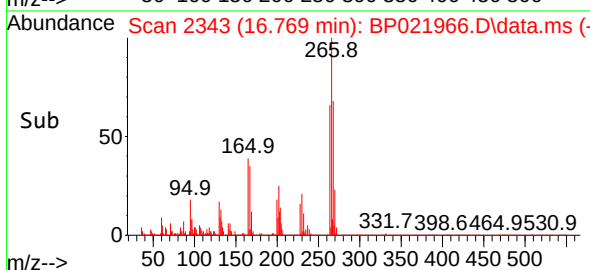
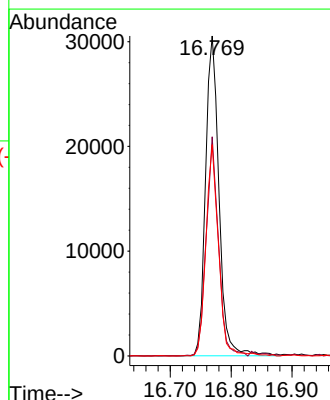
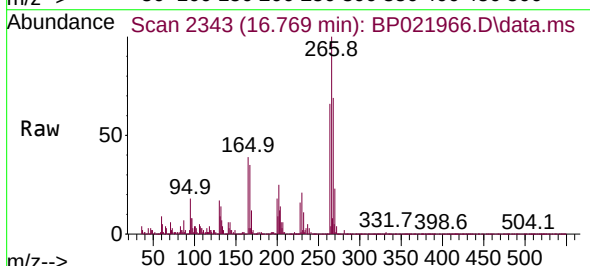
RT: 16.769 min Scan# 2343

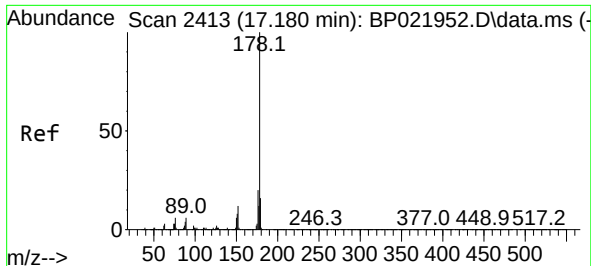
Delta R.T. -0.012 min

Lab File: BP021966.D

Acq: 20 Sep 2024 14:06

Tgt Ion:266 Resp: 46932
 Ion Ratio Lower Upper
 266 100
 268 68.5 51.1 76.7
 264 66.0 48.6 72.8





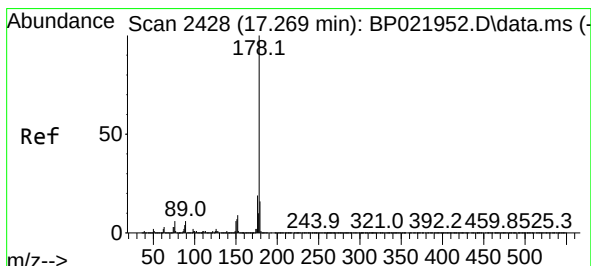
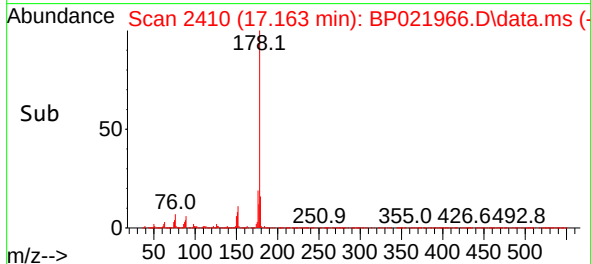
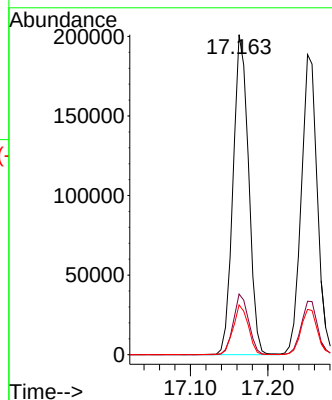
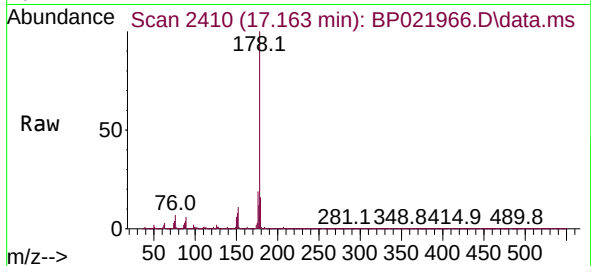
#71
Phenanthrene
Concen: 10.685 ng
RT: 17.163 min Scan# 2410
Delta R.T. -0.018 min
Lab File: BP021966.D
Acq: 20 Sep 2024 14:06

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

Tgt Ion:178 Resp: 280425
Ion Ratio Lower Upper
178 100
176 19.0 15.9 23.9
179 15.6 12.5 18.7

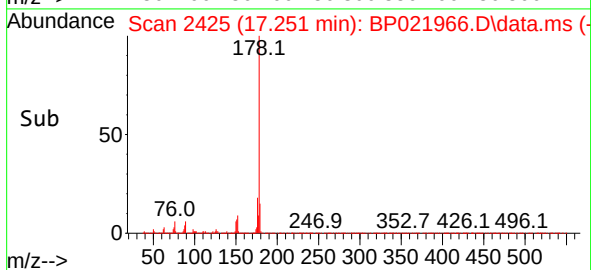
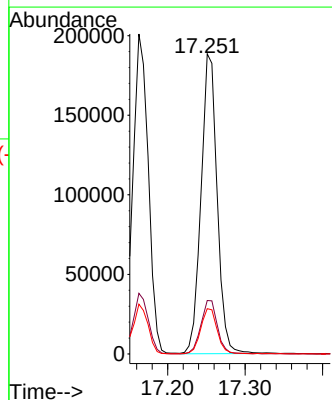
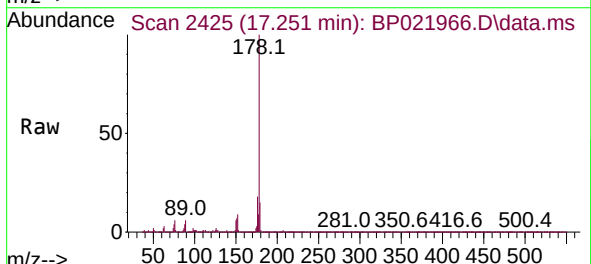
Manual Integrations
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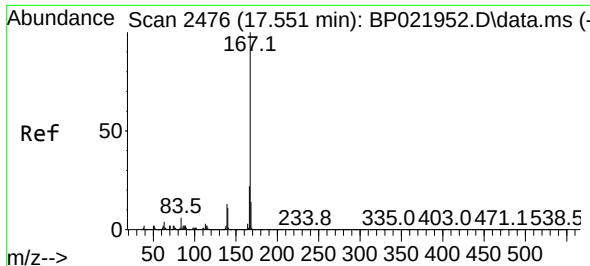
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#72
Anthracene
Concen: 10.729 ng
RT: 17.251 min Scan# 2425
Delta R.T. -0.018 min
Lab File: BP021966.D
Acq: 20 Sep 2024 14:06

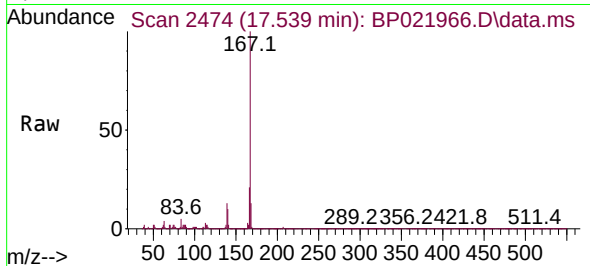
Tgt Ion:178 Resp: 272568
Ion Ratio Lower Upper
178 100
176 17.8 15.0 22.6
179 15.1 12.6 18.8





#73
 Carbazole
 Concen: 10.255 ng
 RT: 17.539 min Scan# 2476
 Delta R.T. -0.012 min
 Lab File: BP021966.D
 Acq: 20 Sep 2024 14:06

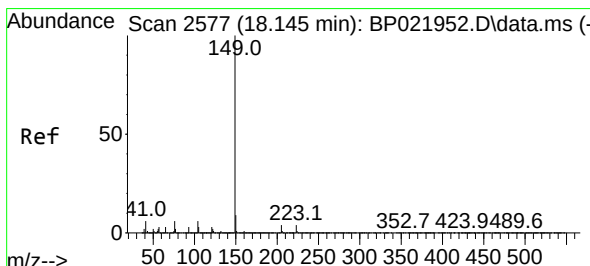
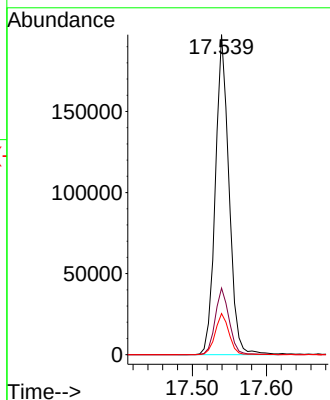
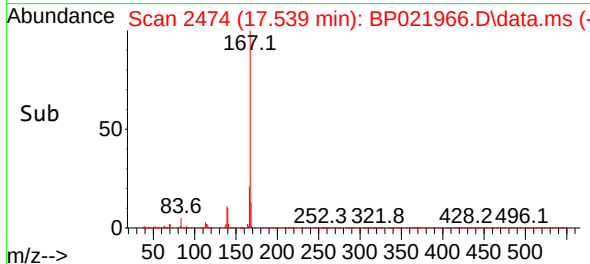
Instrument : BNA_P
 ClientSampleId : LOQ-WATER-02-QT2-2024



Tgt Ion:167 Resp: 25164
 Ion Ratio Lower Upper
 167 100
 166 20.8 17.4 26.0
 139 12.9 10.5 15.7

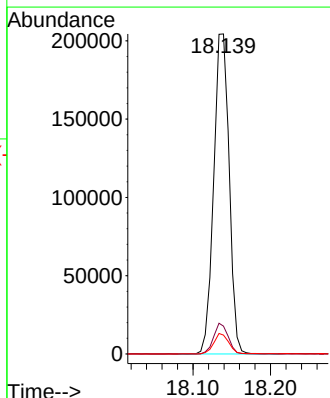
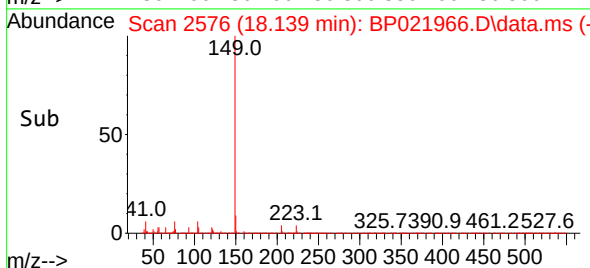
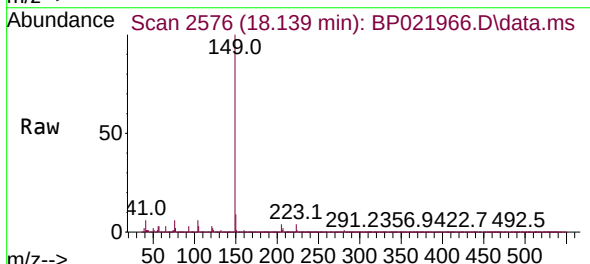
Manual Integrations
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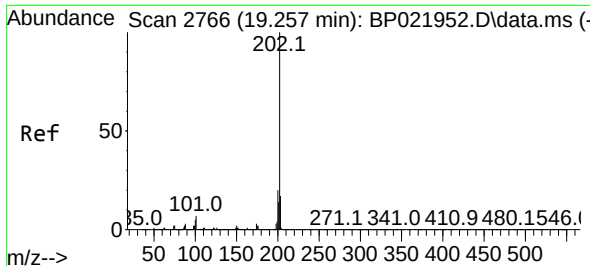
Reviewed By :Jagrut Upadhyay 09/20/2024
 Supervised By :mohammad ahmed 09/24/2024



#74
 Di-n-butylphthalate
 Concen: 9.834 ng
 RT: 18.139 min Scan# 2576
 Delta R.T. -0.006 min
 Lab File: BP021966.D
 Acq: 20 Sep 2024 14:06

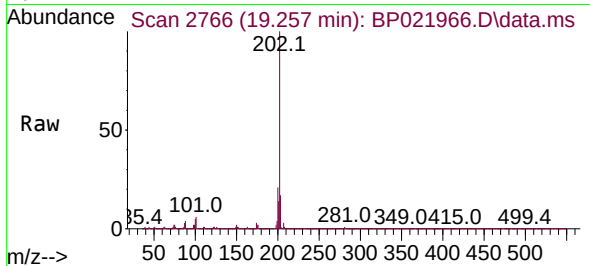
Tgt Ion:149 Resp: 283426
 Ion Ratio Lower Upper
 149 100
 150 8.7 7.3 10.9
 104 5.9 4.6 6.8





#75
Fluoranthene
Concen: 9.957 ng
RT: 19.257 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP021966.D
Acq: 20 Sep 2024 14:06

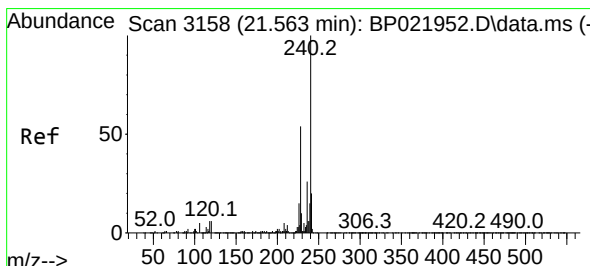
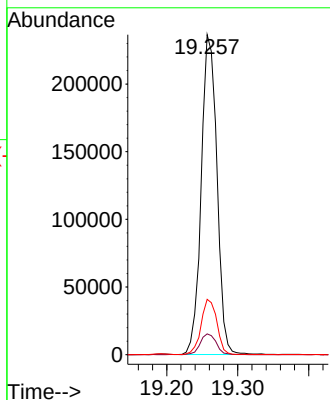
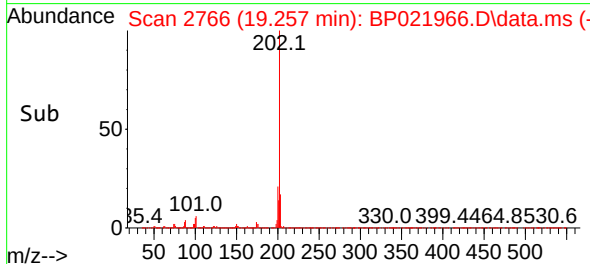
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion:202 Resp: 36476
Ion Ratio Lower Upper
202 100
101 6.5 0.0 26.5
203 17.3 0.0 37.3

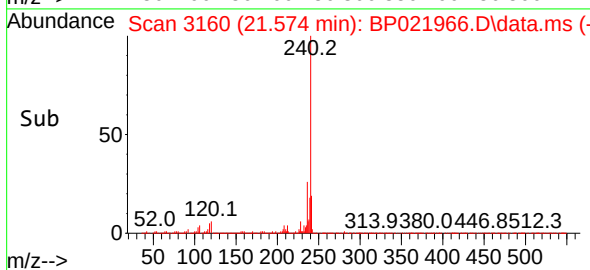
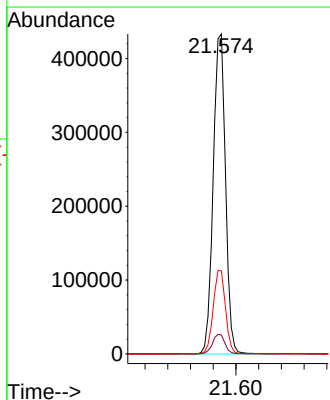
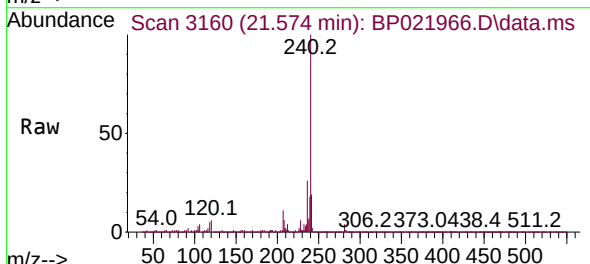
Manual Integrations
APPROVED

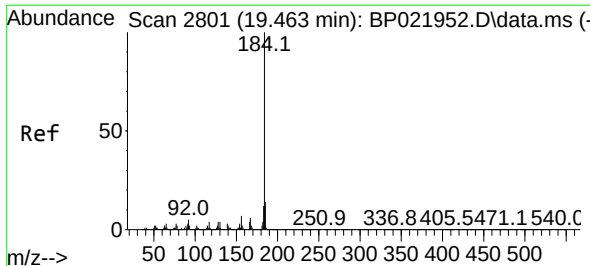
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.574 min Scan# 3160
Delta R.T. 0.012 min
Lab File: BP021966.D
Acq: 20 Sep 2024 14:06

Tgt Ion:240 Resp: 648454
Ion Ratio Lower Upper
240 100
120 5.9 5.1 7.7
236 26.0 20.7 31.1





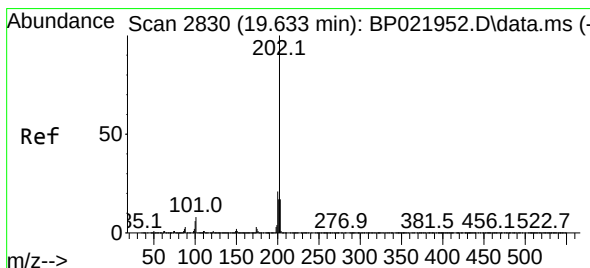
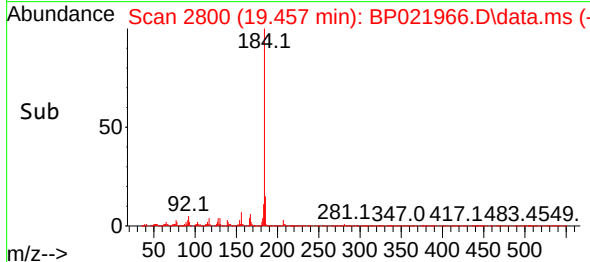
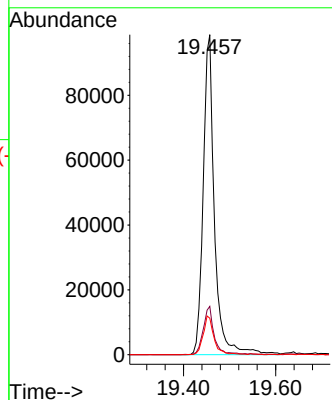
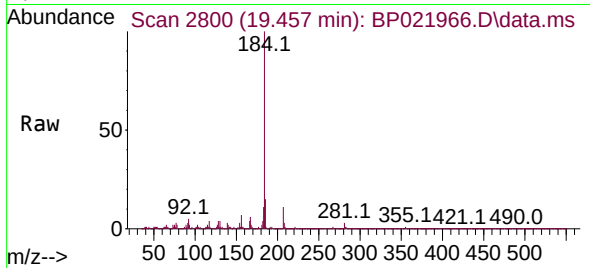
#77
Benzidine
Concen: 21.215 ng
RT: 19.457 min Scan# 2800
Delta R.T. -0.006 min
Lab File: BP021966.D
Acq: 20 Sep 2024 14:06

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

Tgt Ion:184 Resp: 168119
Ion Ratio Lower Upper
184 100
185 15.1 10.9 16.3
183 11.4 9.2 13.8

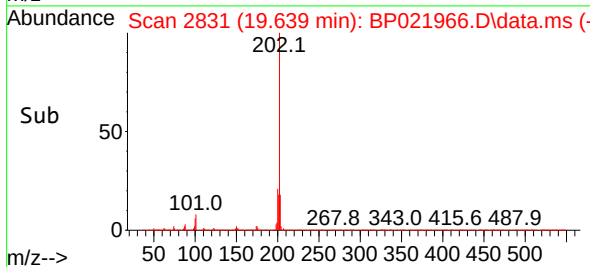
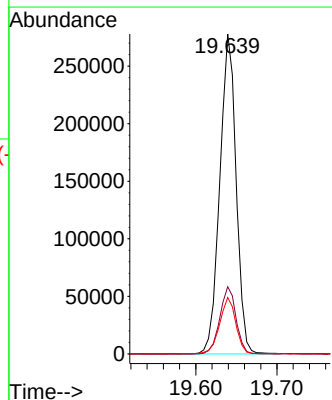
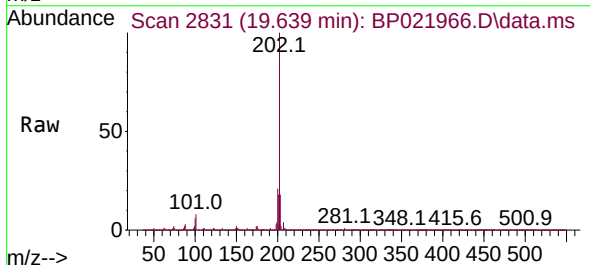
Manual Integrations
APPROVED

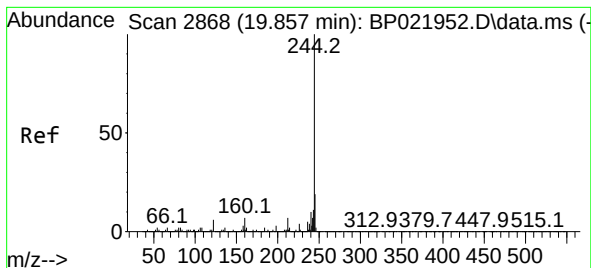
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#78
Pyrene
Concen: 9.920 ng
RT: 19.639 min Scan# 2831
Delta R.T. 0.006 min
Lab File: BP021966.D
Acq: 20 Sep 2024 14:06

Tgt Ion:202 Resp: 389121
Ion Ratio Lower Upper
202 100
200 21.0 16.8 25.2
203 17.6 13.8 20.8





#79

Terphenyl-d14

Concen: 83.786 ng

RT: 19.863 min Scan# 2869

Delta R.T. 0.006 min

Lab File: BP021966.D

Acq: 20 Sep 2024 14:06

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT2-2024

Tgt Ion:244 Resp: 289231

Ion Ratio Lower Upper

244 100

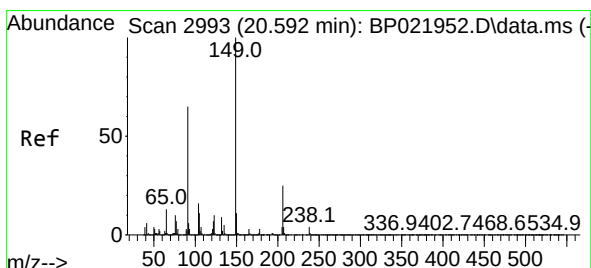
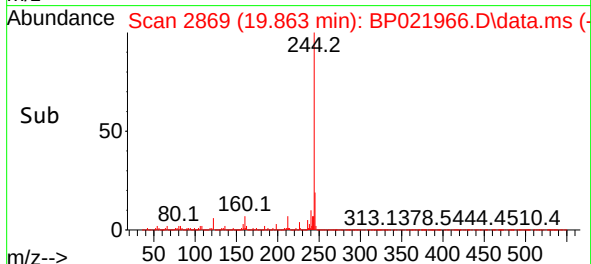
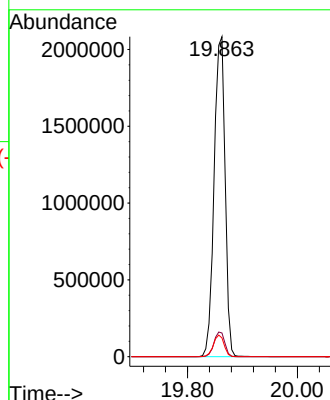
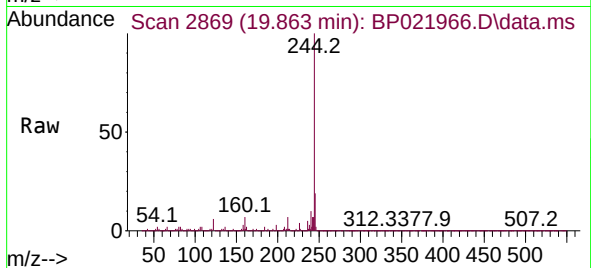
212 7.4 6.0 9.0

122 5.8 5.0 7.4

Manual Integrations

APPROVED

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



#80

Butylbenzylphthalate

Concen: 9.232 ng

RT: 20.598 min Scan# 2994

Delta R.T. 0.006 min

Lab File: BP021966.D

Acq: 20 Sep 2024 14:06

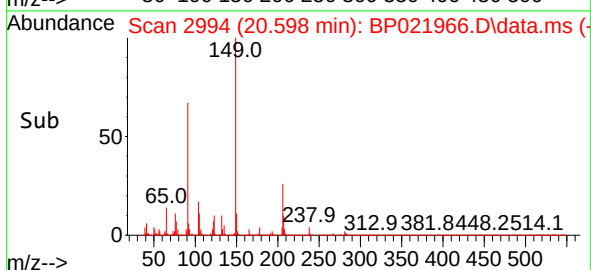
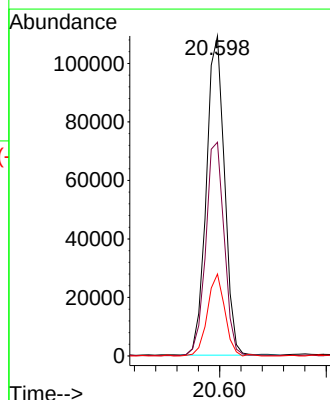
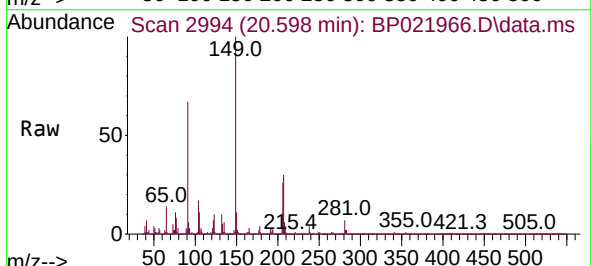
Tgt Ion:149 Resp: 129168

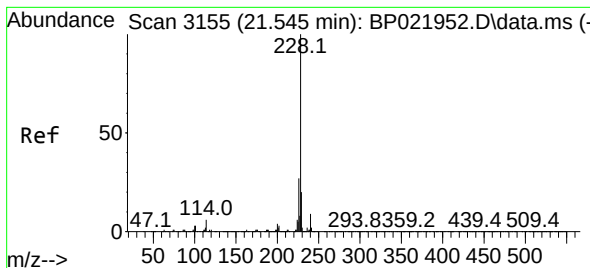
Ion Ratio Lower Upper

149 100

91 66.8 51.9 77.9

206 25.6 20.1 30.1





#81

Benzo(a)anthracene

Concen: 10.508 ng

RT: 21.551 min Scan# 3155

Delta R.T. 0.006 min

Lab File: BP021966.D

Acq: 20 Sep 2024 14:06

Instrument :

BNA_P

ClientSampleId :

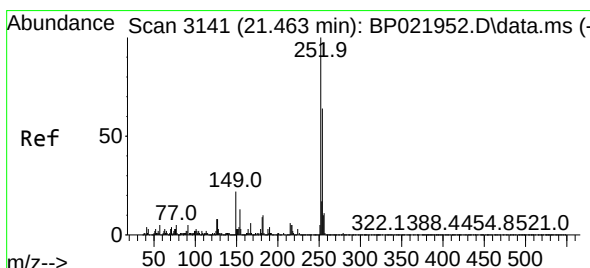
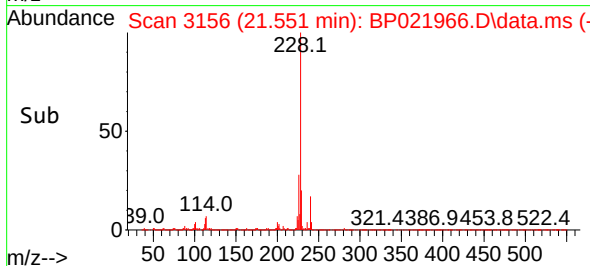
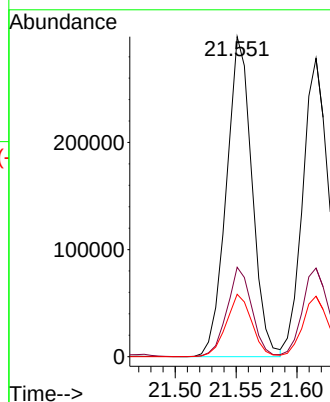
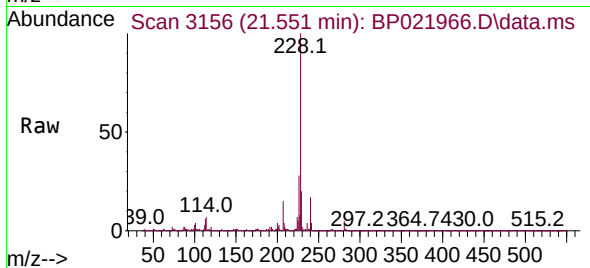
LOQ-WATER-02-QT2-2024

Tgt Ion:	228	Resp:	437839
Ion Ratio	Lower	Upper	
228	100		
226	27.9	21.5	32.3
229	19.5	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: 9.902 ng

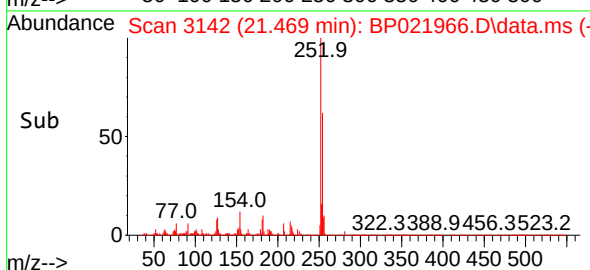
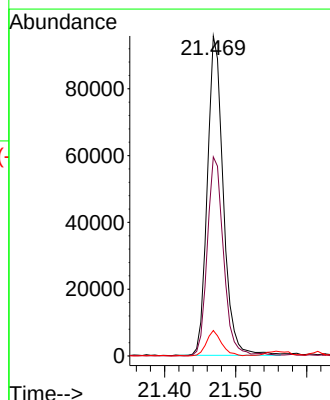
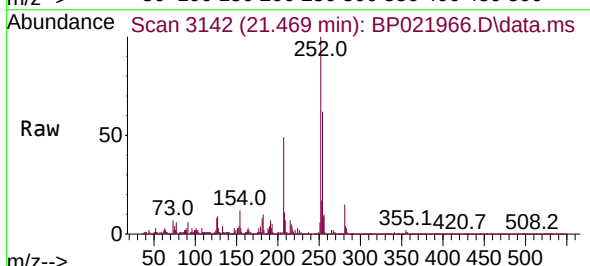
RT: 21.469 min Scan# 3142

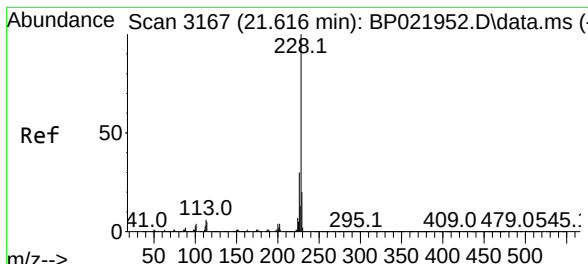
Delta R.T. 0.006 min

Lab File: BP021966.D

Acq: 20 Sep 2024 14:06

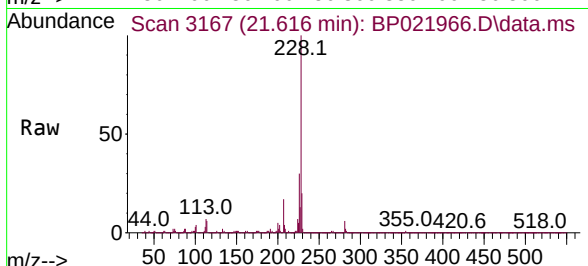
Tgt Ion:	252	Resp:	149694
Ion Ratio	Lower	Upper	
252	100		
254	62.2	51.4	77.2
126	8.0	6.2	9.4





#83
Chrysene
Concen: 10.437 ng
RT: 21.616 min Scan# 3167
Delta R.T. 0.000 min
Lab File: BP021966.D
Acq: 20 Sep 2024 14:06

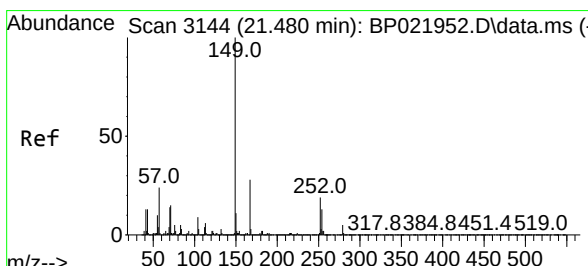
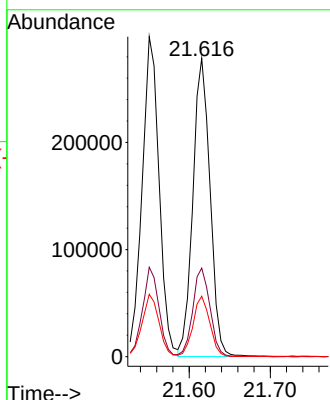
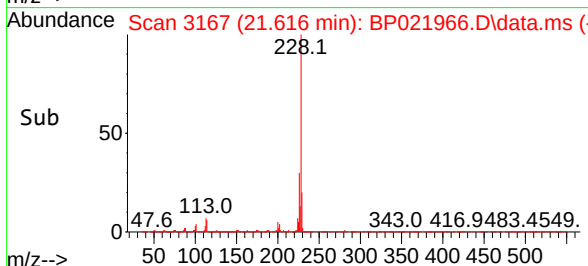
Instrument : BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion:228 Resp: 40945
Ion Ratio Lower Upper
228 100
226 29.7 24.2 36.4
229 20.3 15.7 23.5

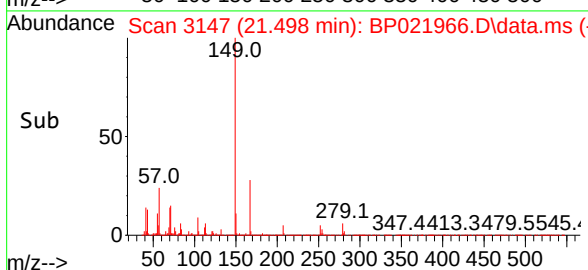
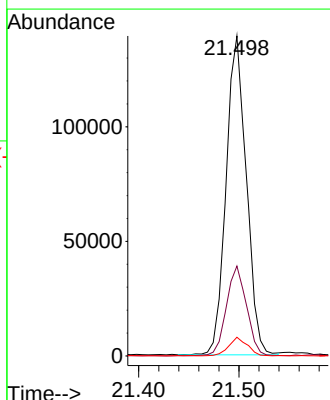
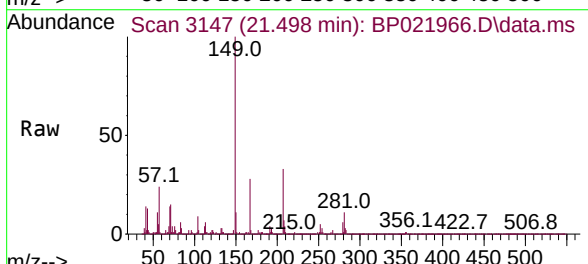
Manual Integrations
APPROVED

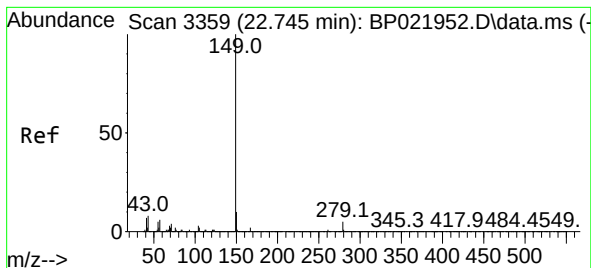
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#84
Bis(2-ethylhexyl)phthalate
Concen: 9.521 ng
RT: 21.498 min Scan# 3147
Delta R.T. 0.018 min
Lab File: BP021966.D
Acq: 20 Sep 2024 14:06

Tgt Ion:149 Resp: 195513
Ion Ratio Lower Upper
149 100
167 28.1 22.3 33.5
279 5.8 4.2 6.2





#85

Di-n-octyl phthalate

Concen: 8.914 ng

RT: 22.757 min Scan# 31

Delta R.T. 0.012 min

Lab File: BP021966.D

Acq: 20 Sep 2024 14:06

Instrument :

BNA_P

ClientSampleId :

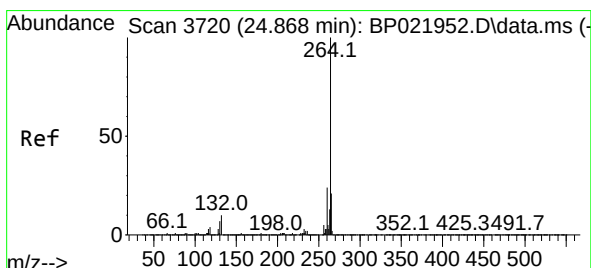
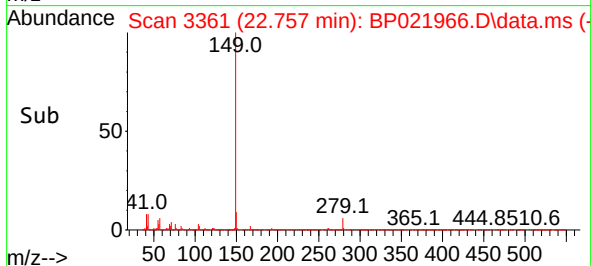
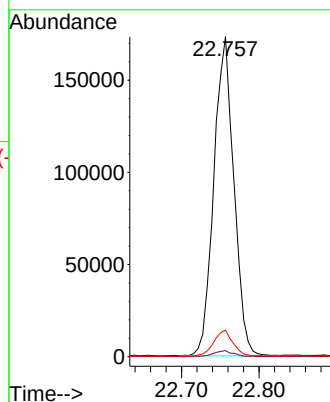
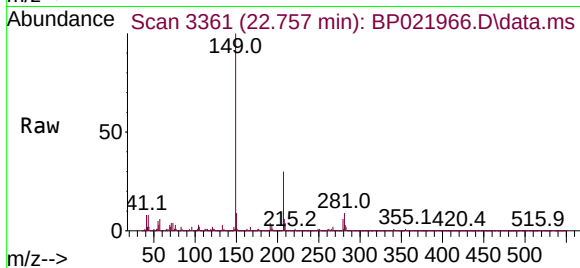
LOQ-WATER-02-QT2-2024

Tgt Ion:	149	Resp:	310904
Ion Ratio	Lower	Upper	
149	100		
167	1.9	1.4	2.0
43	7.9	6.2	9.4

Manual Integrations

APPROVED

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



#86

Perylene-d12

Concen: 20.000 ng

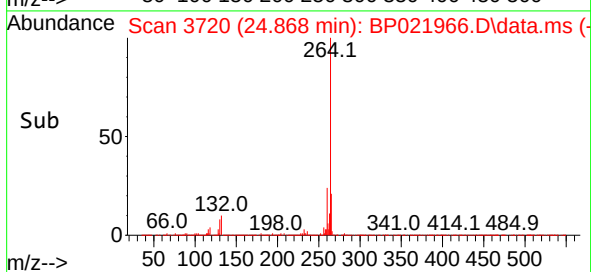
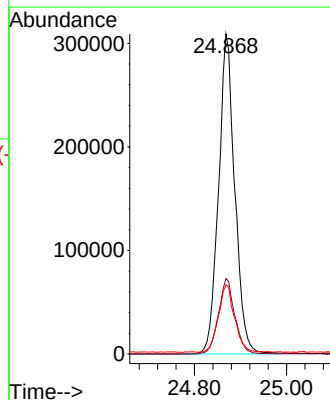
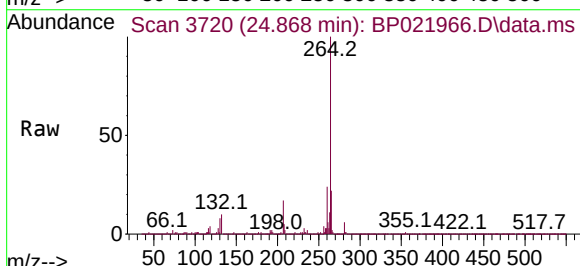
RT: 24.868 min Scan# 3720

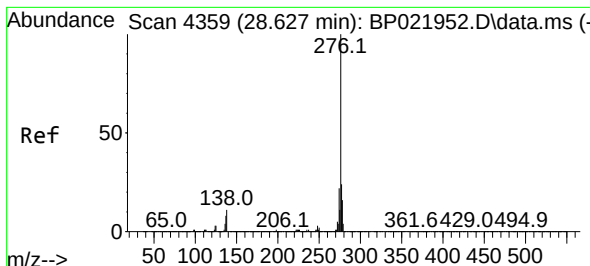
Delta R.T. 0.000 min

Lab File: BP021966.D

Acq: 20 Sep 2024 14:06

Tgt Ion:	264	Resp:	754245
Ion Ratio	Lower	Upper	
264	100		
260	23.5	18.9	28.3
265	21.6	17.5	26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 10.219 ng

RT: 28.603 min Scan# 41

Delta R.T. -0.024 min

Lab File: BP021966.D

Acq: 20 Sep 2024 14:06

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT2-2024

Tgt Ion:276 Resp: 51263

Ion Ratio Lower Upper

276 100

138 9.5 7.8 11.8

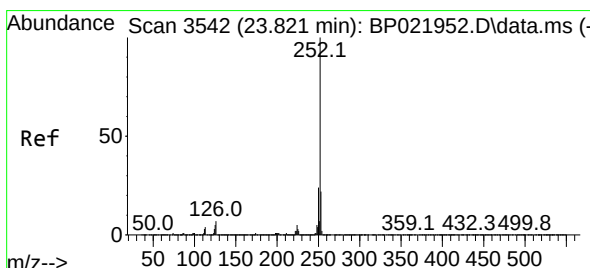
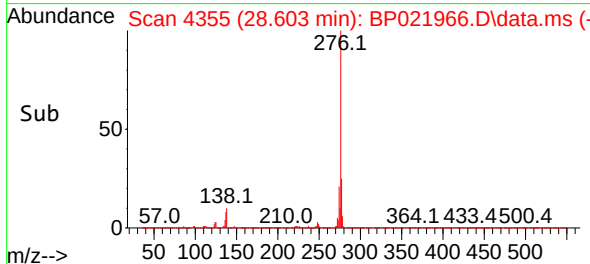
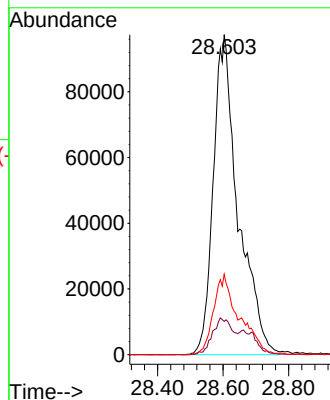
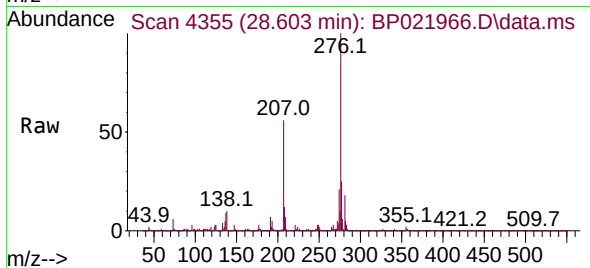
277 25.8 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024

Supervised By :mohammad ahmed 09/24/2024



#88

Benzo(b)fluoranthene

Concen: 9.923 ng m

RT: 23.827 min Scan# 3543

Delta R.T. 0.006 min

Lab File: BP021966.D

Acq: 20 Sep 2024 14:06

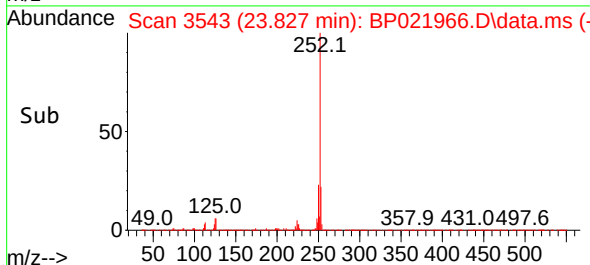
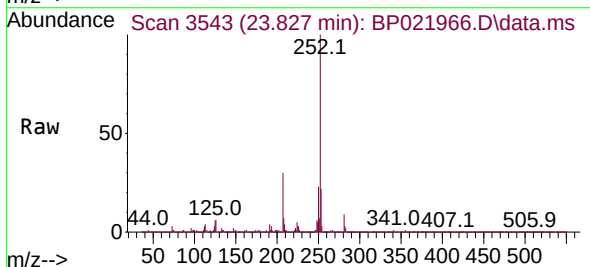
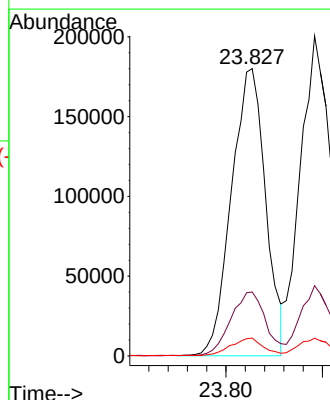
Tgt Ion:252 Resp: 442651

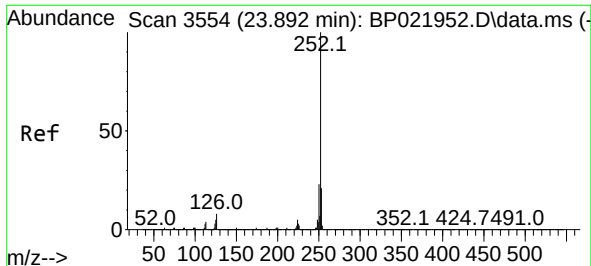
Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.0

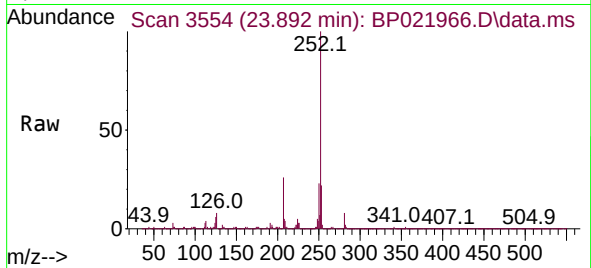
125 6.2 4.2 6.2#





#89
Benzo(k)fluoranthene
Concen: 10.753 ng
RT: 23.892 min Scan# 3554
Delta R.T. 0.000 min
Lab File: BP021966.D
Acq: 20 Sep 2024 14:06

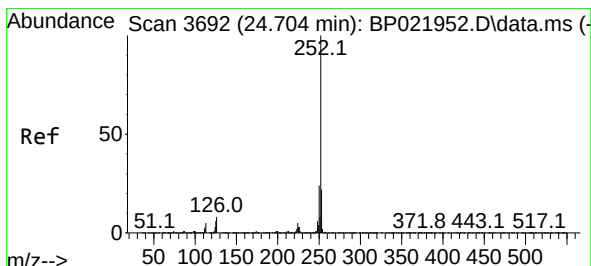
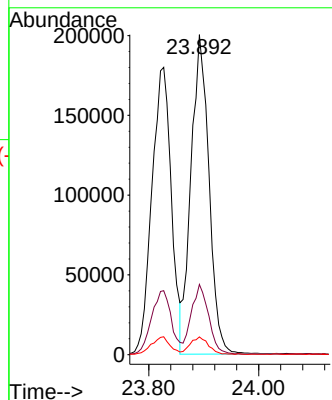
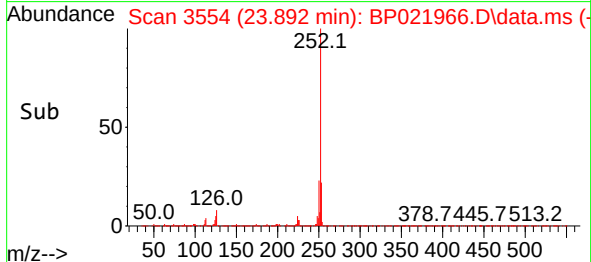
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion:252 Resp: 453924
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.6
125 5.5 4.3 6.5

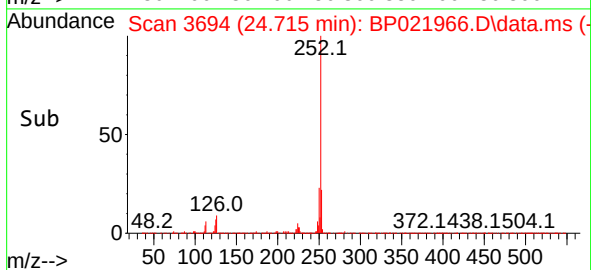
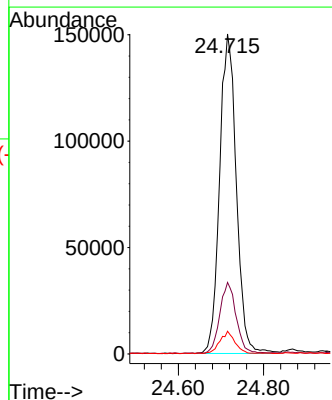
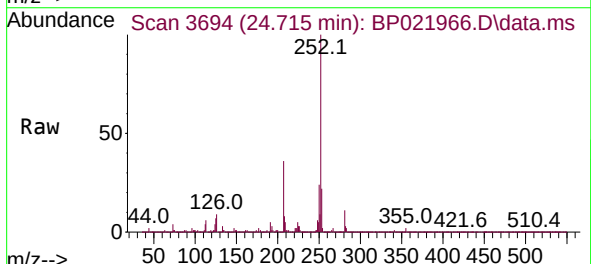
Manual Integrations
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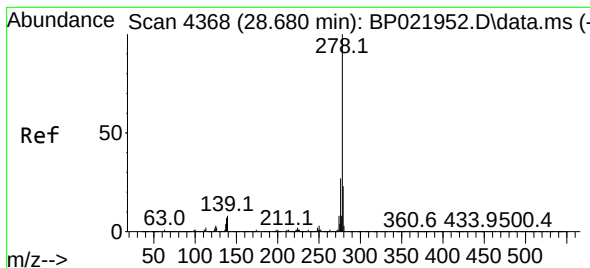
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#90
Benzo(a)pyrene
Concen: 10.656 ng
RT: 24.715 min Scan# 3694
Delta R.T. 0.012 min
Lab File: BP021966.D
Acq: 20 Sep 2024 14:06

Tgt Ion:252 Resp: 409461
Ion Ratio Lower Upper
252 100
253 22.4 17.6 26.4
125 7.1 5.0 7.6





#91

Dibenzo(a,h)anthracene

Concen: 10.319 ng

RT: 28.674 min Scan# 41

Delta R.T. -0.006 min

Lab File: BP021966.D

Acq: 20 Sep 2024 14:06

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT2-2024

Tgt Ion:278 Resp: 427234

Ion Ratio Lower Upper

278 100

139 10.2 6.6 10.0

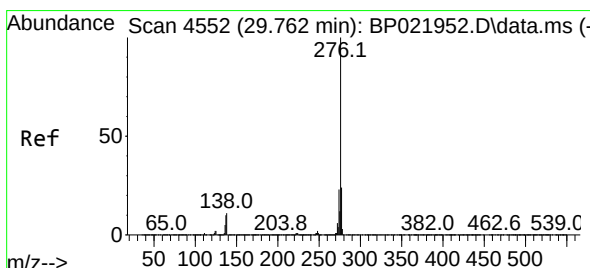
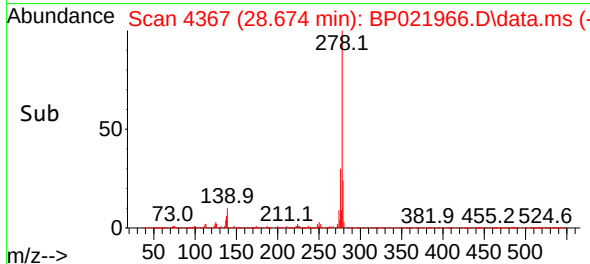
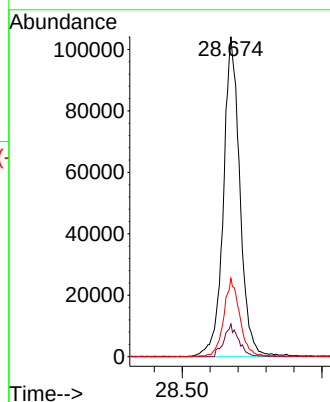
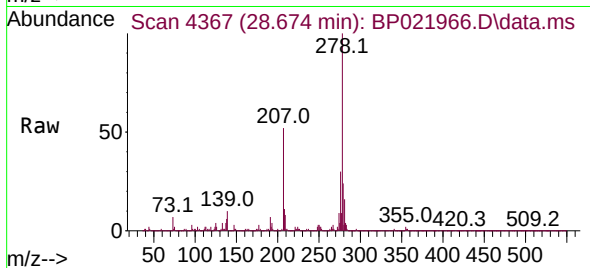
279 24.5 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024

Supervised By :mohammad ahmed 09/24/2024



#92

Benzo(g,h,i)perylene

Concen: 9.479 ng

RT: 29.739 min Scan# 4548

Delta R.T. -0.024 min

Lab File: BP021966.D

Acq: 20 Sep 2024 14:06

Tgt Ion:276 Resp: 402015

Ion Ratio Lower Upper

276 100

277 23.2 19.3 28.9

138 12.0 9.2 13.8

