

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020224\
 Data File : BP019532.D
 Acq On : 02 Feb 2024 17:20
 Operator : MA/JU
 Sample : 04699-08
 Misc : LOQ-WATER-10PPM
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOQ-WATER-02-QT4-2023

Quant Time: Feb 02 17:48:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 01 00:51:48 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/05/2024
 Supervised By :mohammad ahmed 02/06/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	66965	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	279711	20.000	ng	0.00
39) Acenaphthene-d10	14.545	164	205151	20.000	ng	0.00
64) Phenanthrene-d10	17.298	188	504451	20.000	ng	0.00
76) Chrysene-d12	21.392	240	517541	20.000	ng	0.00
86) Perylene-d12	23.809	264	488621	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	582837	140.295	ng	0.00
7) Phenol-d6	7.081	99	805253	143.754	ng	0.00
23) Nitrobenzene-d5	9.081	82	536060	83.044	ng	0.00
42) 2,4,6-Tribromophenol	16.039	330	505920	168.902	ng	0.00
45) 2-Fluorobiphenyl	13.175	172	1309950	78.937	ng	0.00
79) Terphenyl-d14	19.868	244	2702460	85.874	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.387	88	17256	10.781	ng	99
3) Pyridine	3.787	79	45539	10.494	ng	97
4) n-Nitrosodimethylamine	3.710	42	21012	11.122	ng	# 98
6) Aniline	7.245	93	73484	13.501	ng	97
8) 2-Chlorophenol	7.469	128	45666	10.707	ng	99
9) Benzaldehyde	7.057	77	48650	12.388	ng	99
10) Phenol	7.104	94	61915	11.090	ng	96
11) bis(2-Chloroethyl)ether	7.345	93	48281	11.116	ng	99
12) 1,3-Dichlorobenzene	7.798	146	55223	10.581	ng	98
13) 1,4-Dichlorobenzene	7.945	146	55702	10.535	ng	96
14) 1,2-Dichlorobenzene	8.263	146	54195	10.593	ng	97
15) Benzyl Alcohol	8.157	79	52754	11.787	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.451	45	48116m	11.078	ng	
17) 2-Methylphenol	8.357	107	42978	11.434	ng	97
18) Hexachloroethane	8.981	117	20879	10.187	ng	93
19) n-Nitroso-di-n-propyla...	8.722	70	46269	12.093	ng	97
20) 3+4-Methylphenols	8.681	107	57709	11.250	ng	96
22) Acetophenone	8.739	105	87063	10.926	ng	# 97
24) Nitrobenzene	9.122	77	66300m	10.201	ng	
25) Isophorone	9.645	82	125146	11.132	ng	99
26) 2-Nitrophenol	9.828	139	24167	9.752	ng	97
27) 2,4-Dimethylphenol	9.886	122	40182	12.680	ng	98
28) bis(2-Chloroethoxy)met...	10.139	93	67977	10.687	ng	98
29) 2,4-Dichlorophenol	10.357	162	50000	10.438	ng	97
30) 1,2,4-Trichlorobenzene	10.575	180	59309	10.098	ng	97
31) Naphthalene	10.757	128	158544	10.335	ng	99
32) Benzoic acid	9.975	122	29345m	9.505	ng	
33) 4-Chloroaniline	10.881	127	68951	12.154	ng	99
34) Hexachlorobutadiene	11.033	225	41835	9.612	ng	99
35) Caprolactam	11.651	113	18422	13.585	ng	98
36) 4-Chloro-3-methylphenol	11.992	107	59767	11.443	ng	95
37) 2-Methylnaphthalene	12.369	142	116220	10.947	ng	99
38) 1-Methylnaphthalene	12.586	142	113764	10.904	ng	97
40) 1,2,4,5-Tetrachloroben...	12.733	216	78209	9.885	ng	99
41) Hexachlorocyclopentadiene	12.704	237	36588	10.237	ng	97
43) 2,4,6-Trichlorophenol	12.975	196	48305	10.083	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.045	196	52394	9.959	ng	95
46) 1,1'-Biphenyl	13.380	154	164475	10.045	ng	100
47) 2-Chloronaphthalene	13.422	162	132371	9.848	ng	98
48) 2-Nitroaniline	13.627	65	39458	10.499	ng	98
49) Acenaphthylene	14.263	152	212625	11.276	ng	99
50) Dimethylphthalate	14.010	163	177718	11.316	ng	99
51) 2,6-Dinitrotoluene	14.133	165	36522	10.585	ng	98
52) Acenaphthene	14.604	154	119955	10.249	ng	98
53) 3-Nitroaniline	14.457	138	36693	11.571	ng	96
54) 2,4-Dinitrophenol	14.663	184	16996	9.487	ng	98
55) Dibenzofuran	14.945	168	210706	11.054	ng	98
56) 4-Nitrophenol	14.757	139	31156	11.987	ng	97
57) 2,4-Dinitrotoluene	14.916	165	50306	11.126	ng	97
58) Fluorene	15.592	166	171016	11.264	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.169	232	51293	11.592	ng	98
60) Diethylphthalate	15.380	149	178034	11.397	ng	99
61) 4-Chlorophenyl-phenyle...	15.598	204	91764	10.754	ng	93
62) 4-Nitroaniline	15.616	138	38797	11.672	ng	95
63) Azobenzene	15.892	77	168470	11.153	ng	97
65) 4,6-Dinitro-2-methylph...	15.674	198	24793	8.619	ng	89
66) n-Nitrosodiphenylamine	15.810	169	151156	10.005	ng	97
67) 4-Bromophenyl-phenylether	16.492	248	58859	9.333	ng	96
68) Hexachlorobenzene	16.586	284	70573	9.583	ng	99
69) Atrazine	16.774	200	65554	13.076	ng	97
70) Pentachlorophenol	16.939	266	40236	8.774	ng	98
71) Phenanthrene	17.339	178	291823	10.992	ng	99
72) Anthracene	17.433	178	288819	10.906	ng	99
73) Carbazole	17.704	167	263662	10.959	ng	99
74) Di-n-butylphthalate	18.268	149	301617	10.369	ng	100
75) Fluoranthene	19.304	202	363393	11.205	ng	99
77) Benzidine	19.498	184	186593	17.245	ng	99
78) Pyrene	19.657	202	383791	10.507	ng	99
80) Butylbenzylphthalate	20.557	149	134685	9.874	ng	96
81) Benzo(a)anthracene	21.374	228	383976	10.540	ng	99
82) 3,3'-Dichlorobenzidine	21.309	252	138414	10.426	ng	# 94
83) Chrysene	21.427	228	352945	10.204	ng	99
84) Bis(2-ethylhexyl)phtha...	21.321	149	194382	9.358	ng	100
85) Di-n-octyl phthalate	22.268	149	313882	8.589	ng	100
87) Indeno(1,2,3-cd)pyrene	26.327	276	312783	8.363	ng	99
88) Benzo(b)fluoranthene	23.068	252	337122	10.947	ng	100
89) Benzo(k)fluoranthene	23.115	252	322040	10.947	ng	99
90) Benzo(a)pyrene	23.698	252	277456	10.126	ng	99
91) Dibenzo(a,h)anthracene	26.356	278	262027	8.518	ng	98
92) Benzo(g,h,i)perylene	27.097	276	251555	8.061	ng	100

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

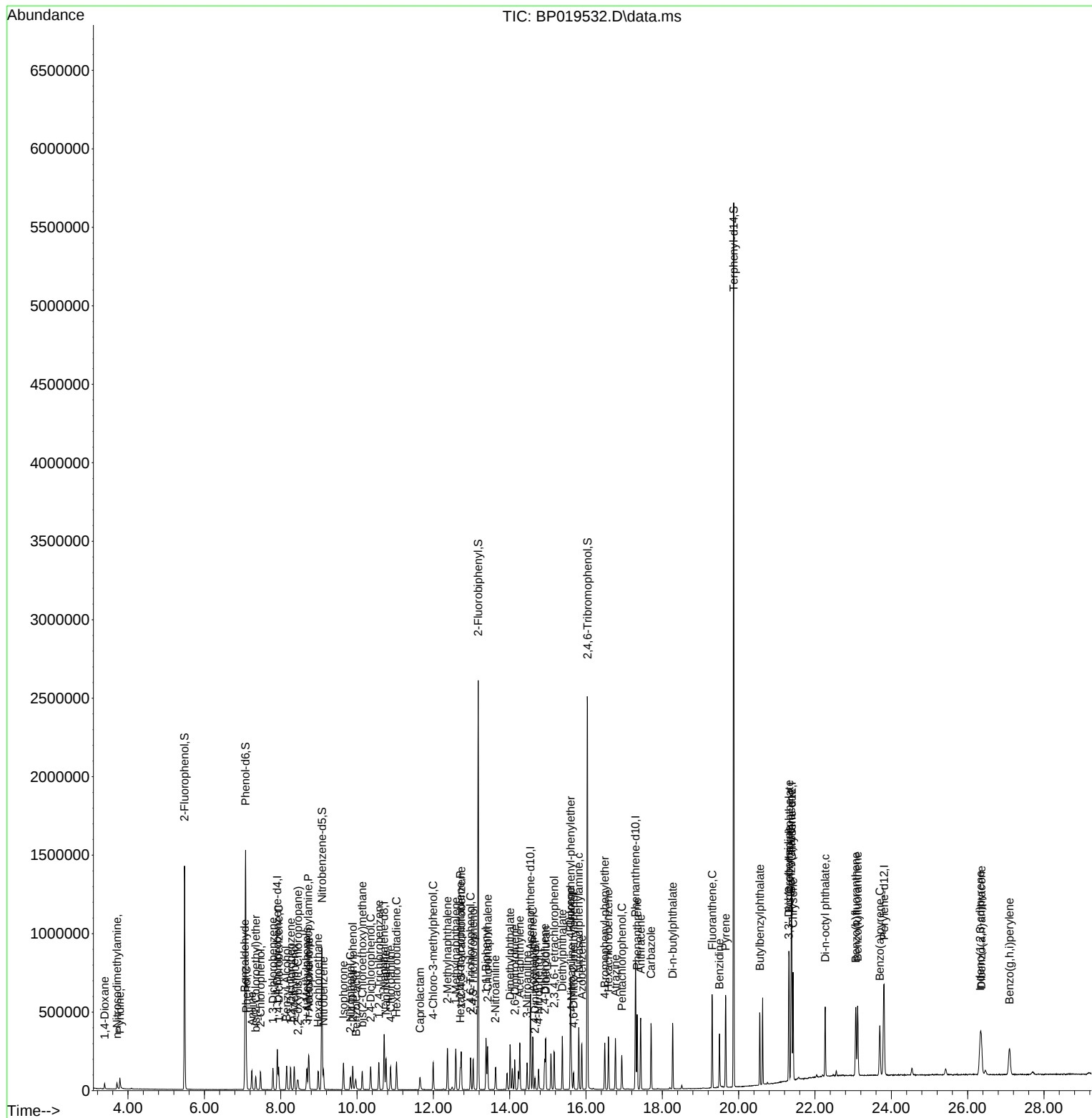
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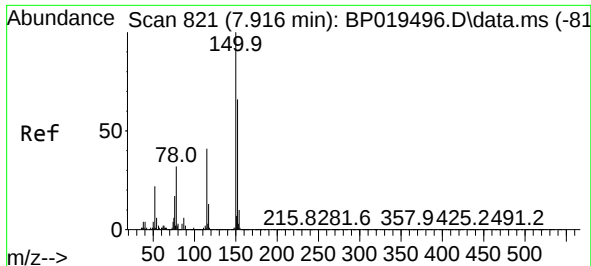
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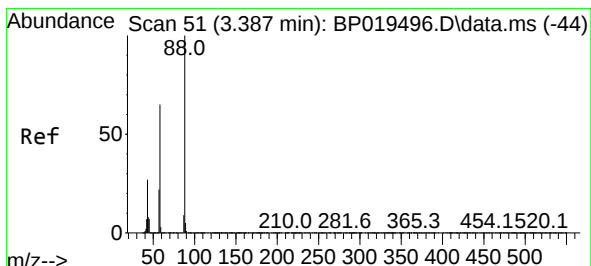
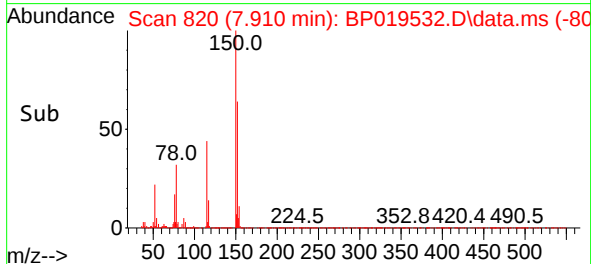
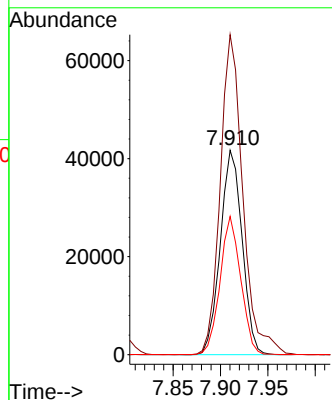
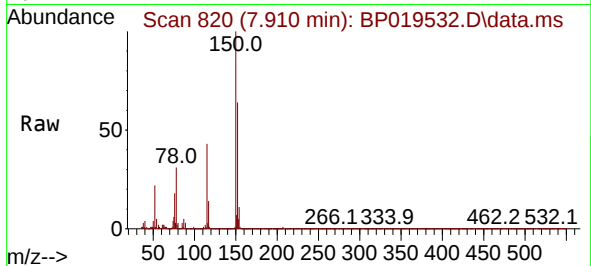
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.910 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP019532.D
Acq: 02 Feb 2024 17:20

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2023

Tgt Ion:152 Resp: 6696
Ion Ratio Lower Upper
152 100
150 156.6 121.8 182.8
115 67.6 49.9 74.9

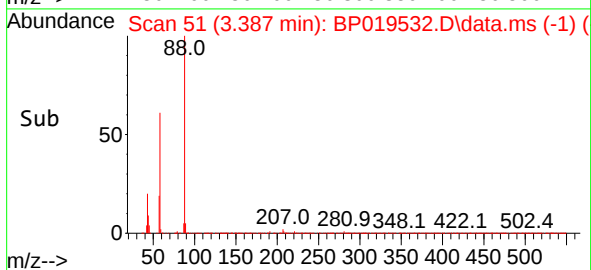
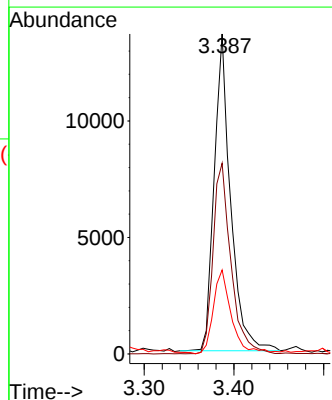
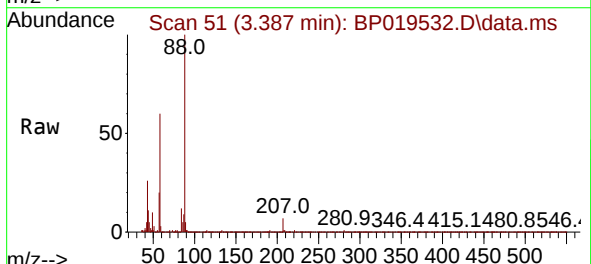
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#2
1,4-Dioxane
Concen: 10.781 ng
RT: 3.387 min Scan# 51
Delta R.T. -0.000 min
Lab File: BP019532.D
Acq: 02 Feb 2024 17:20

Tgt Ion: 88 Resp: 17256
Ion Ratio Lower Upper
88 100
58 65.6 52.6 78.8
43 29.3 21.9 32.9





#3

Pyridine

Concen: 10.494 ng

RT: 3.787 min Scan# 119

Delta R.T. -0.000 min

Lab File: BP019532.D

Acq: 02 Feb 2024 17:20

Instrument :

BNA_P

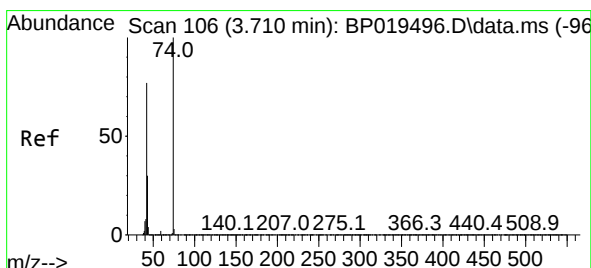
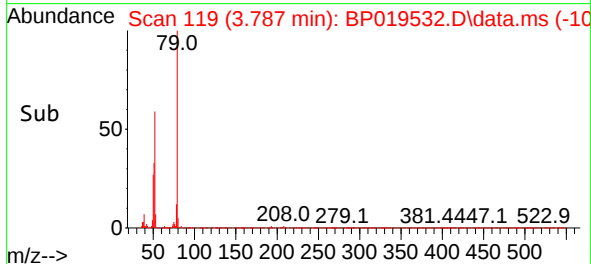
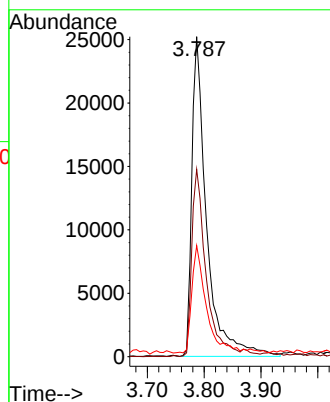
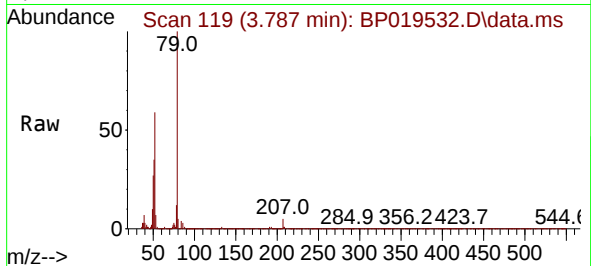
ClientSampleId :

LOQ-WATER-02-QT4-2023

Tgt Ion: 79	Resp: 45539
Ion Ratio	Lower Upper
79 100	
52 58.6	45.0 67.6
51 34.7	26.8 40.2

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#4

n-Nitrosodimethylamine

Concen: 11.122 ng

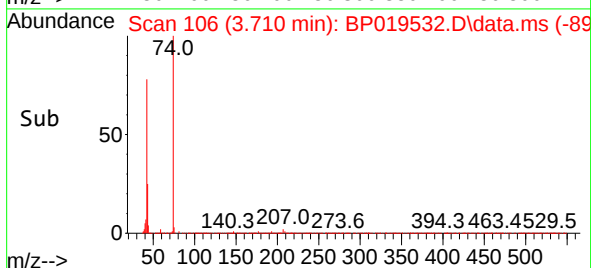
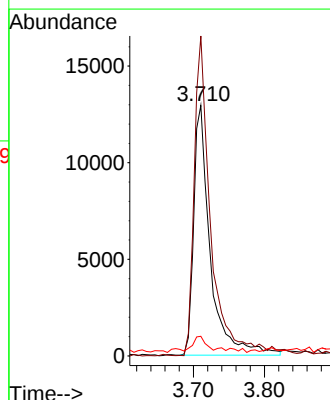
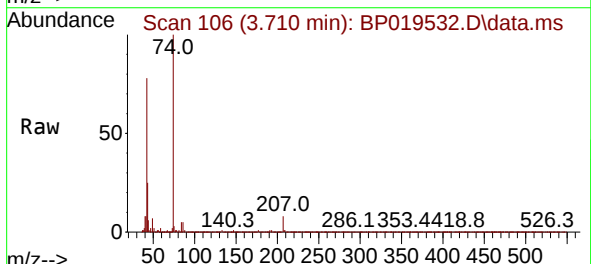
RT: 3.710 min Scan# 106

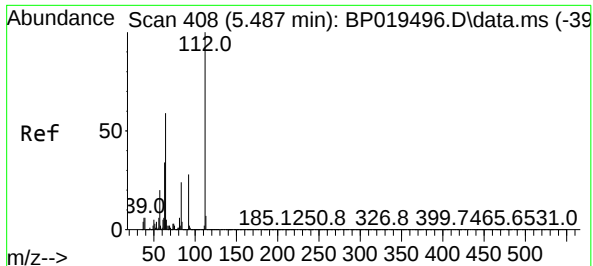
Delta R.T. -0.000 min

Lab File: BP019532.D

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Tgt Ion: 42	Resp: 21012
Ion Ratio	Lower Upper
42 100	
74 127.7	103.4 155.2
44 7.9	4.8 7.2





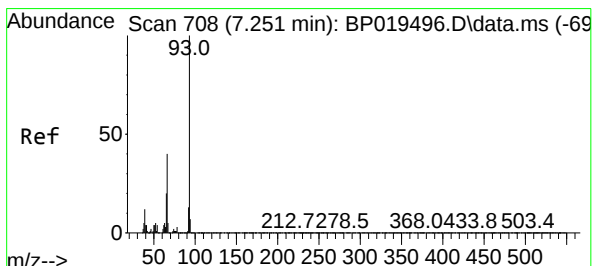
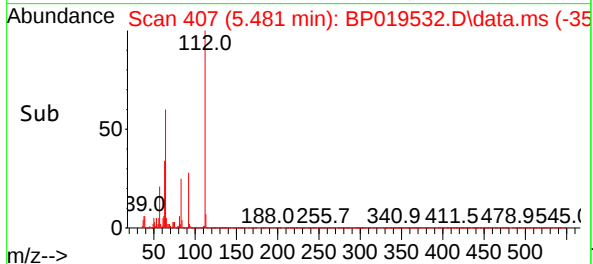
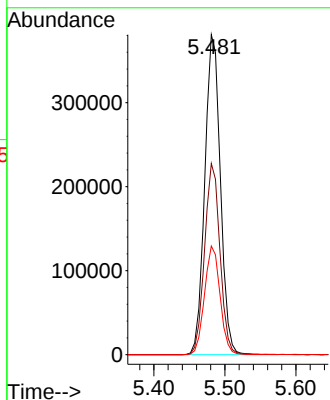
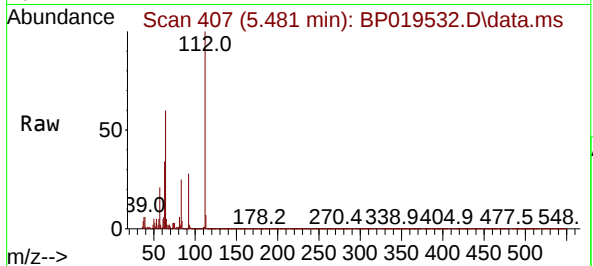
#5
2-Fluorophenol
Concen: 140.295 ng
RT: 5.481 min Scan# 408
Delta R.T. -0.006 min
Lab File: BP019532.D
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Tgt Ion:112 Resp: 58283
Ion Ratio Lower Upper
112 100
64 59.7 47.4 71.0
63 33.9 27.0 40.6

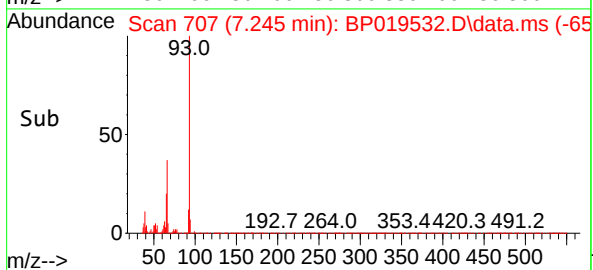
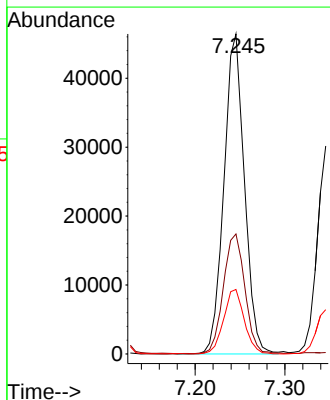
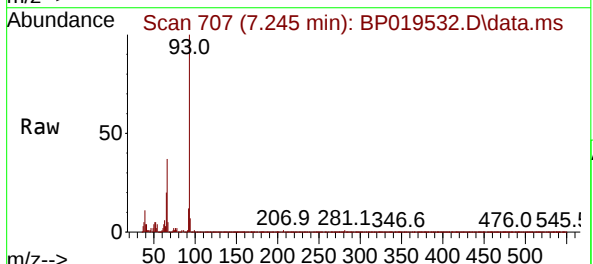
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#6
Aniline
Concen: 13.501 ng
RT: 7.245 min Scan# 707
Delta R.T. -0.006 min
Lab File: BP019532.D
Acq: 02 Feb 2024 17:20

Tgt Ion: 93 Resp: 73484
Ion Ratio Lower Upper
93 100
66 37.5 32.3 48.5
65 20.2 16.4 24.6





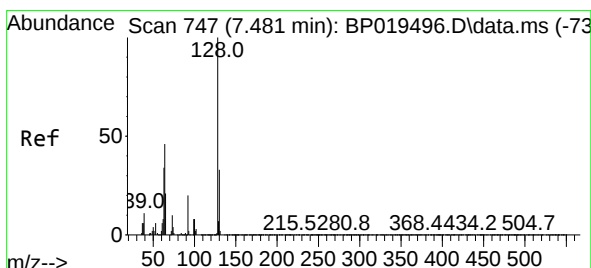
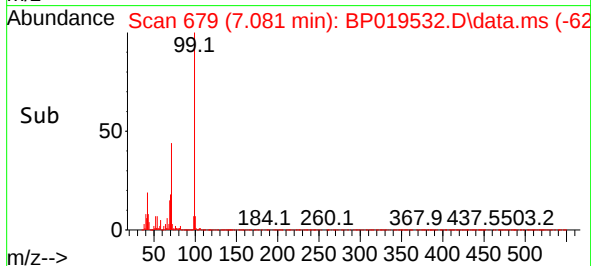
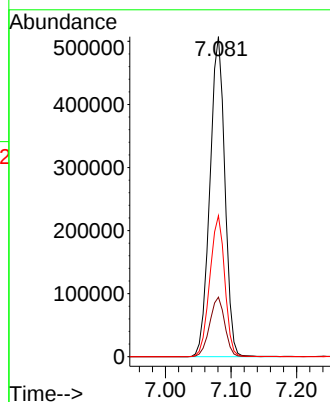
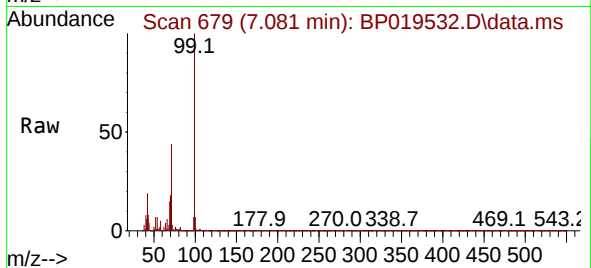
#7
Phenol-d6
Concen: 143.754 ng
RT: 7.081 min Scan# 61
Delta R.T. -0.006 min
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Tgt Ion: 99 Resp: 80525
Ion Ratio Lower Upper
99 100
42 18.6 14.7 22.1
71 44.0 34.8 52.2

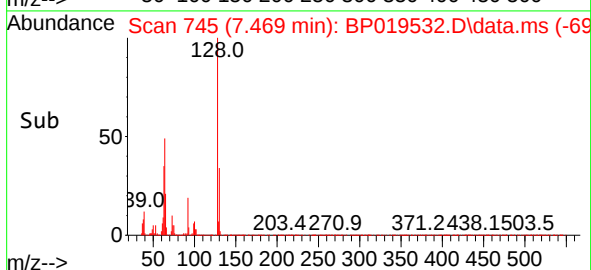
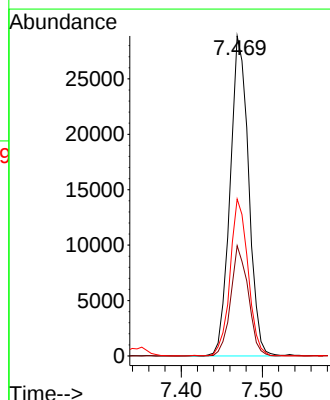
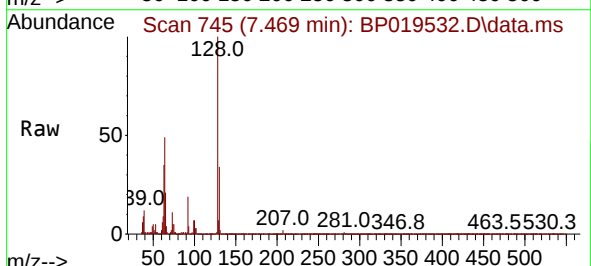
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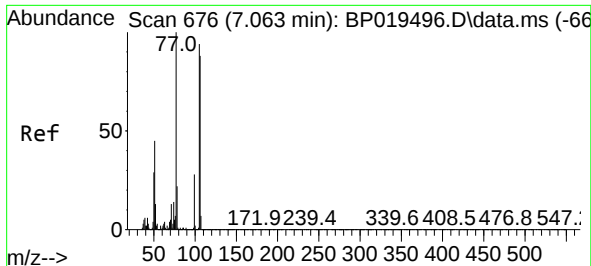
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#8
2-Chlorophenol
Concen: 10.707 ng
RT: 7.469 min Scan# 745
Delta R.T. -0.012 min
Lab File: BP019532.D
Acq: 02 Feb 2024 17:20

Tgt Ion:128 Resp: 45666
Ion Ratio Lower Upper
128 100
130 34.4 13.3 53.3
64 49.0 29.7 69.7





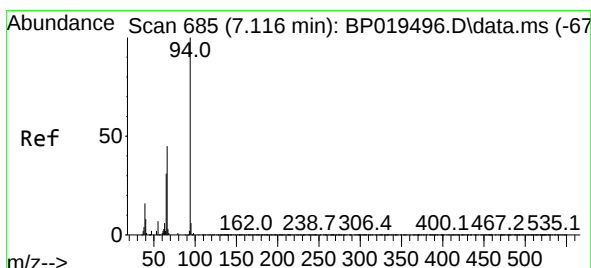
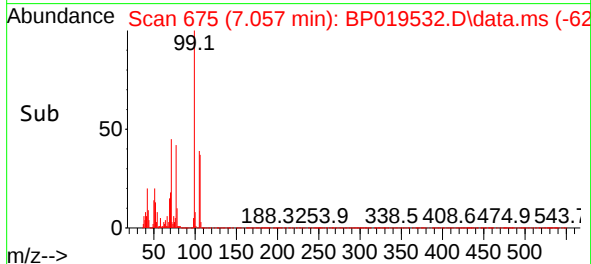
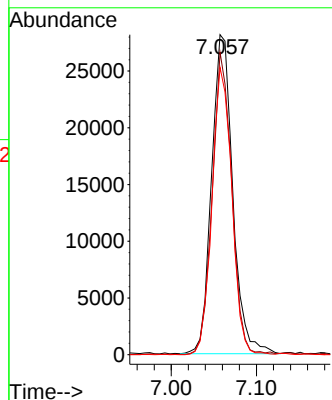
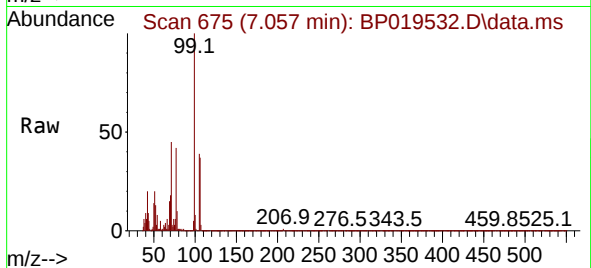
#9
Benzaldehyde
Concen: 12.388 ng
RT: 7.057 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP019532.D
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ClientSampleId :
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Tgt Ion: 77 Resp: 48650
Ion Ratio Lower Upper
77 100
105 94.5 74.0 114.0
106 89.8 67.8 107.8

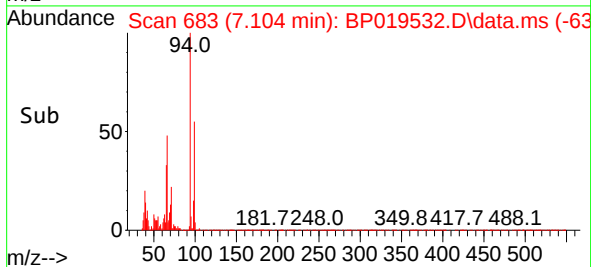
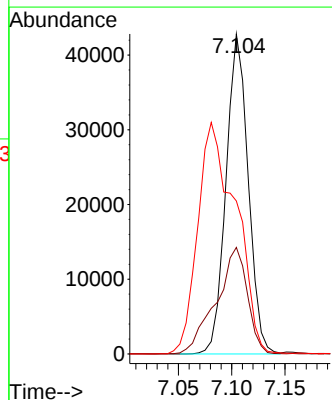
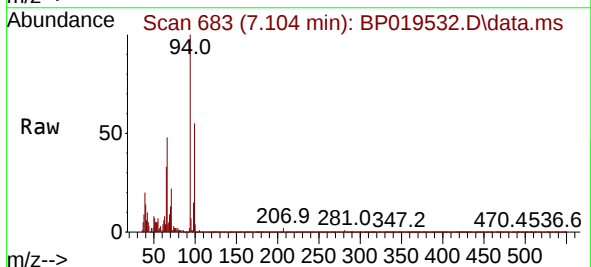
Manual Integrations
APPROVED

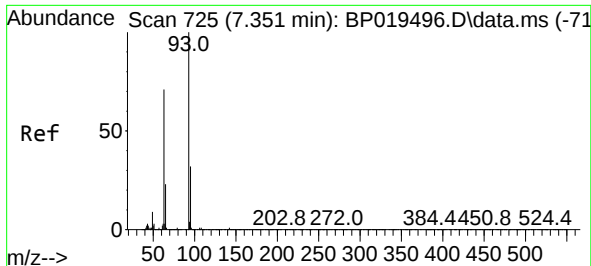
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#10
Phenol
Concen: 11.090 ng
RT: 7.104 min Scan# 683
Delta R.T. -0.012 min
Lab File: BP019532.D
Acq: 02 Feb 2024 17:20

Tgt Ion: 94 Resp: 61915
Ion Ratio Lower Upper
94 100
65 33.3 11.3 51.3
66 47.8 25.1 65.1





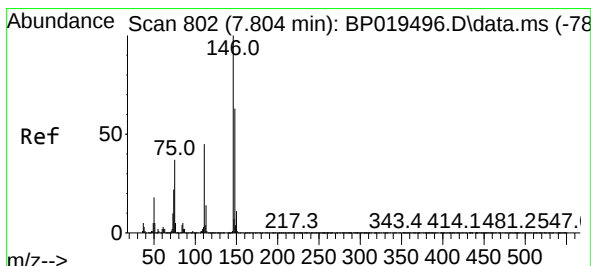
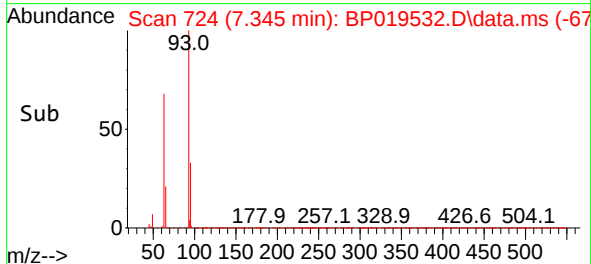
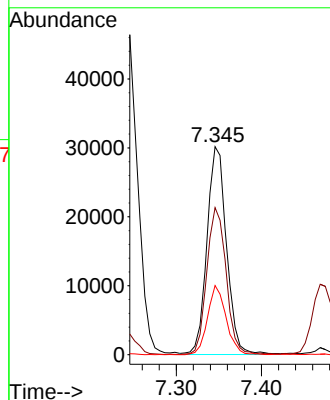
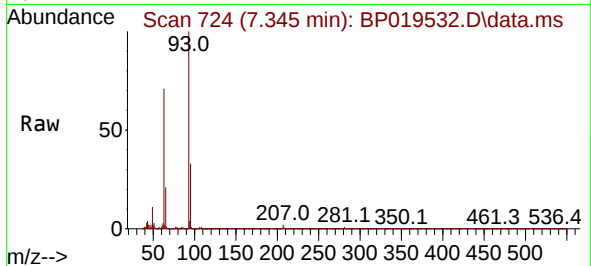
#11
bis(2-Chloroethyl)ether
Concen: 11.116 ng
RT: 7.345 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP019532.D
Acq: 02 Feb 2024 17:20

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2023

Tgt Ion: 93 Resp: 4828
Ion Ratio Lower Upper
93 100
63 70.7 51.2 91.2
95 33.2 11.8 51.8

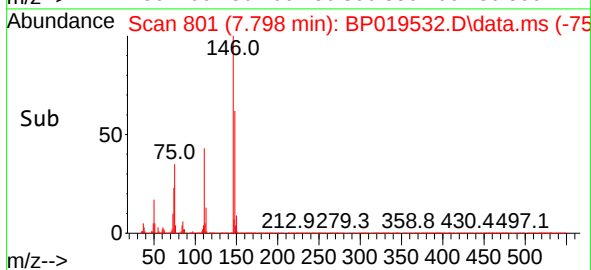
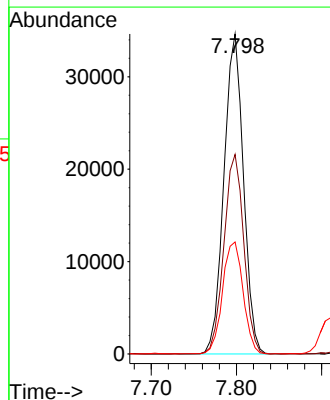
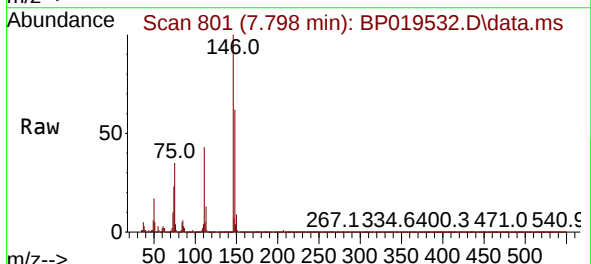
Manual Integrations
APPROVED

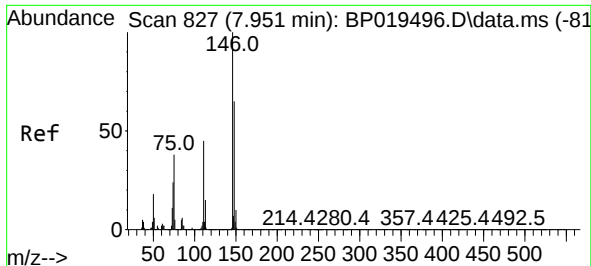
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#12
1,3-Dichlorobenzene
Concen: 10.581 ng
RT: 7.798 min Scan# 801
Delta R.T. -0.006 min
Lab File: BP019532.D
Acq: 02 Feb 2024 17:20

Tgt Ion:146 Resp: 55223
Ion Ratio Lower Upper
146 100
148 62.4 50.4 75.6
75 35.0 29.9 44.9





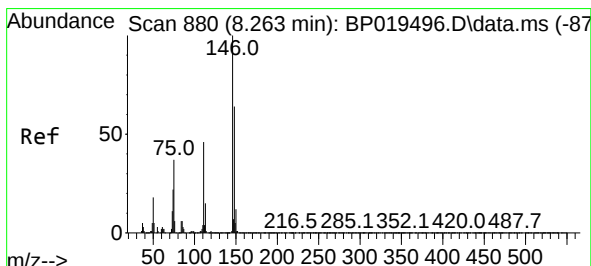
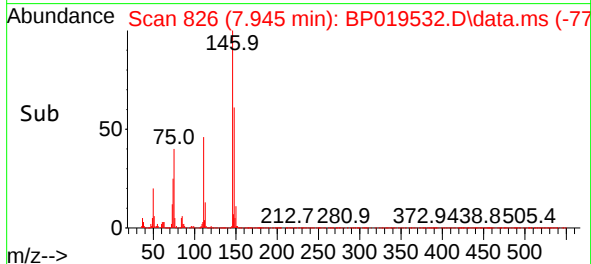
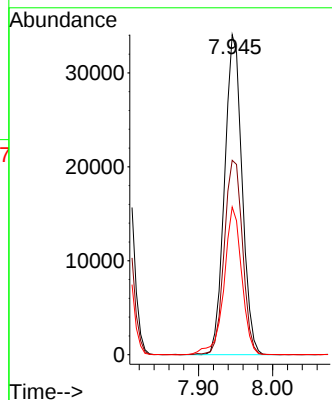
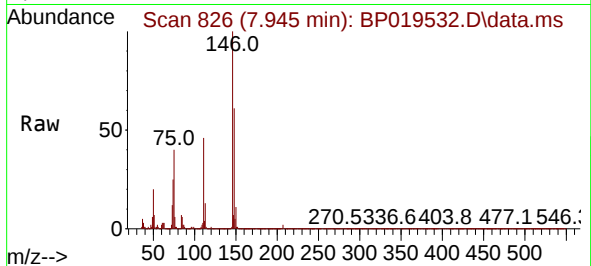
#13
1,4-Dichlorobenzene
Concen: 10.535 ng
RT: 7.945 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP019532.D
Acq: 02 Feb 2024 17:20

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2023

Tgt Ion:146 Resp: 5570
Ion Ratio Lower Upper
146 100
148 60.7 51.9 77.9
111 46.2 35.8 53.6

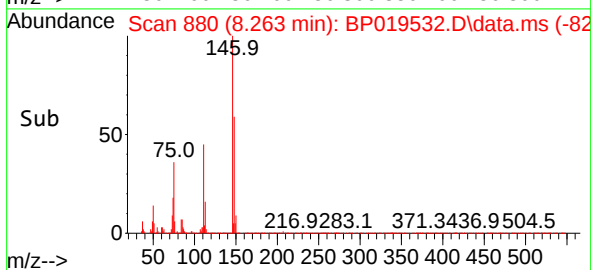
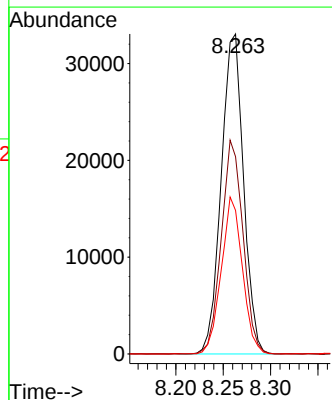
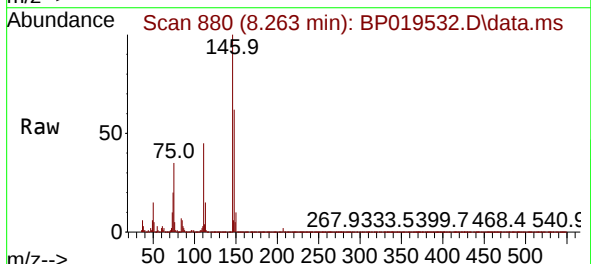
Manual Integrations
APPROVED

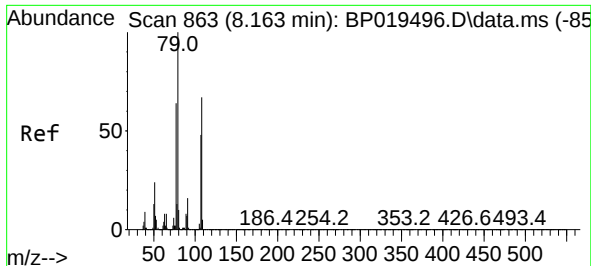
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#14
1,2-Dichlorobenzene
Concen: 10.593 ng
RT: 8.263 min Scan# 880
Delta R.T. -0.000 min
Lab File: BP019532.D
Acq: 02 Feb 2024 17:20

Tgt Ion:146 Resp: 54195
Ion Ratio Lower Upper
146 100
148 61.7 51.4 77.0
111 44.8 37.0 55.6





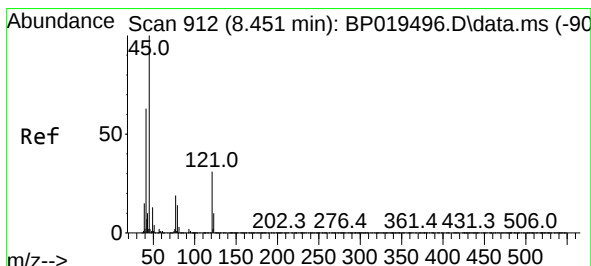
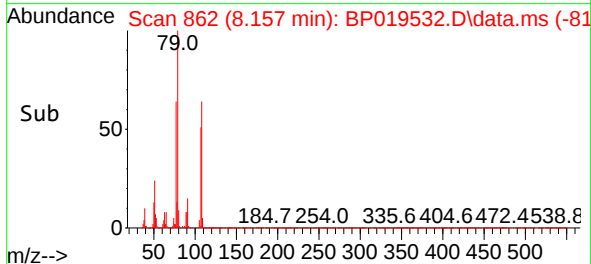
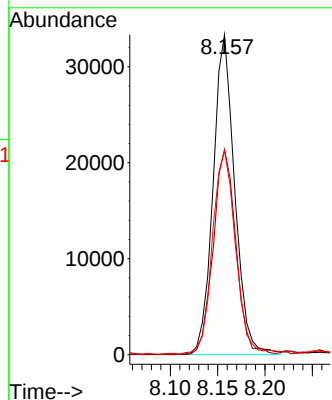
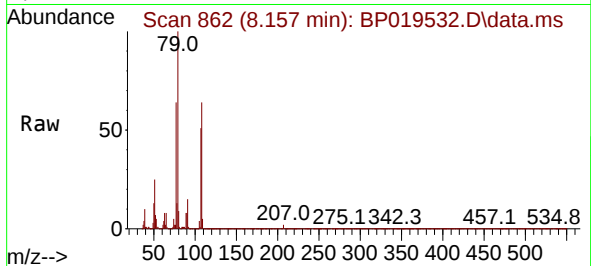
#15
Benzyl Alcohol
Concen: 11.787 ng
RT: 8.157 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP019532.D
Acq: 02 Feb 2024 17:20

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2023

Tgt Ion: 79 Resp: 52754
Ion Ratio Lower Upper
79 100
108 64.1 53.8 80.6
77 63.8 51.3 76.9

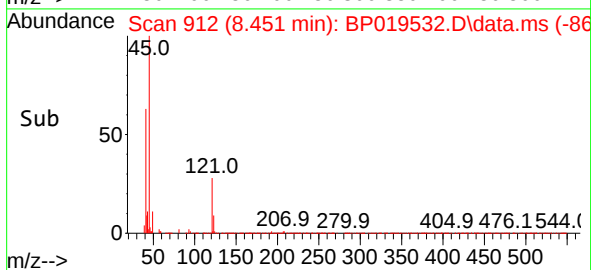
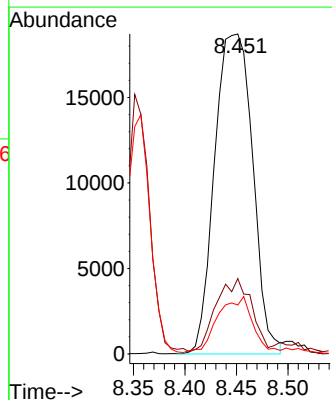
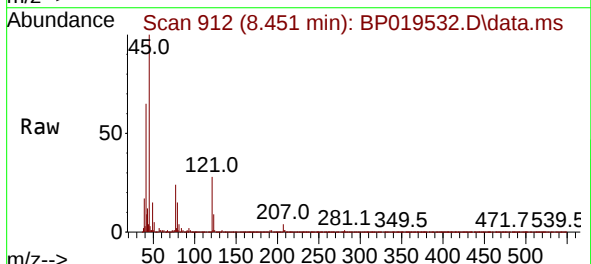
Manual Integrations
APPROVED

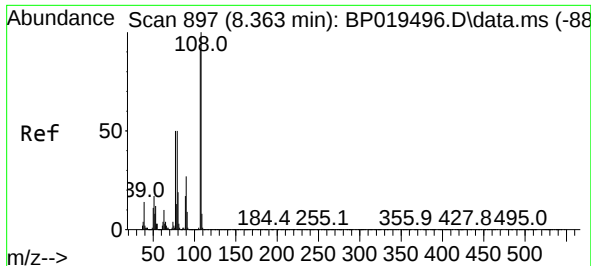
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 11.078 ng m
RT: 8.451 min Scan# 912
Delta R.T. -0.000 min
Lab File: BP019532.D
Acq: 02 Feb 2024 17:20

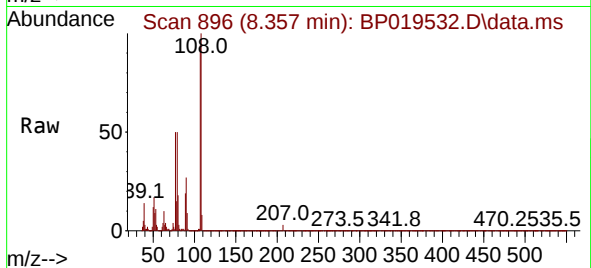
Tgt Ion: 45 Resp: 48116
Ion Ratio Lower Upper
45 100
77 23.5 0.8 40.8
79 15.3 0.0 35.5





#17
2-Methylphenol
Concen: 11.434 ng
RT: 8.357 min Scan# 896
Delta R.T. -0.006 min
Lab File: BP019532.D
Acq: 02 Feb 2024 17:20

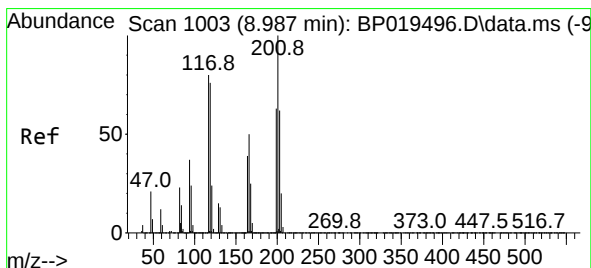
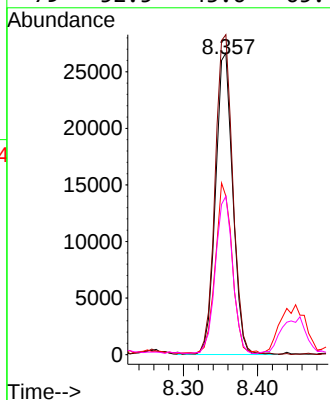
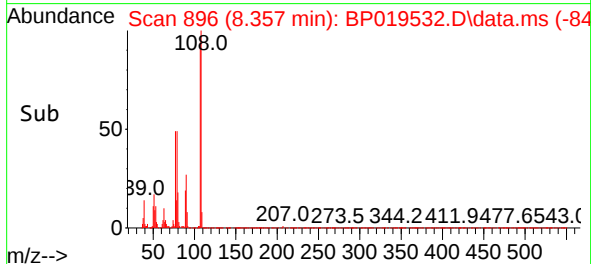
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2023



Tgt Ion:107 Resp: 42978
Ion Ratio Lower Upper
107 100
108 106.1 87.0 130.6
77 52.6 43.5 65.3
79 52.5 43.6 65.4

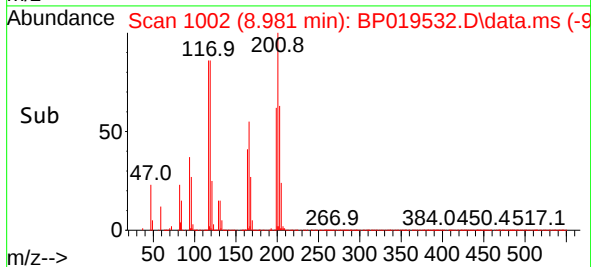
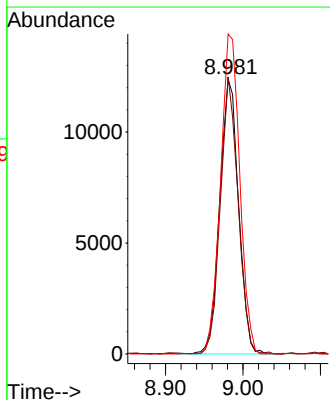
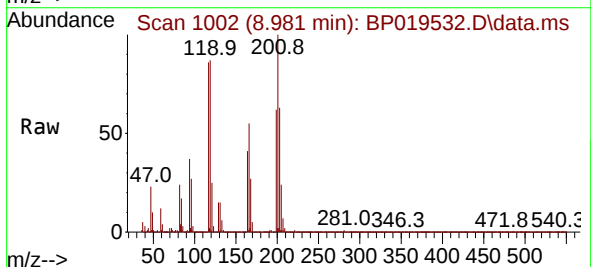
Manual Integrations
APPROVED

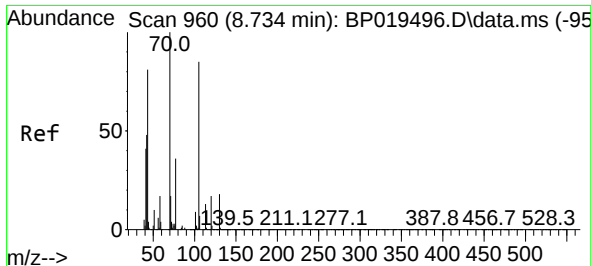
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#18
Hexachloroethane
Concen: 10.187 ng
RT: 8.981 min Scan# 1002
Delta R.T. -0.006 min
Lab File: BP019532.D
Acq: 02 Feb 2024 17:20

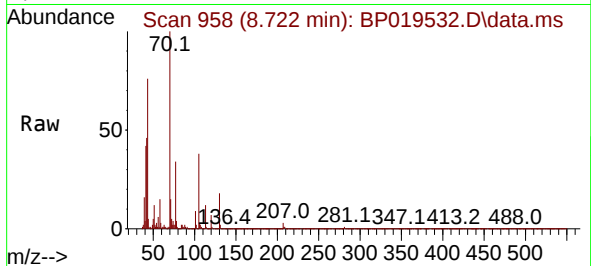
Tgt Ion:117 Resp: 20879
Ion Ratio Lower Upper
117 100
119 100.7 75.5 113.3
201 116.3 99.4 149.2





#19
n-Nitroso-di-n-propylamine
Concen: 12.093 ng
RT: 8.722 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP019532.D
Acq: 02 Feb 2024 17:20

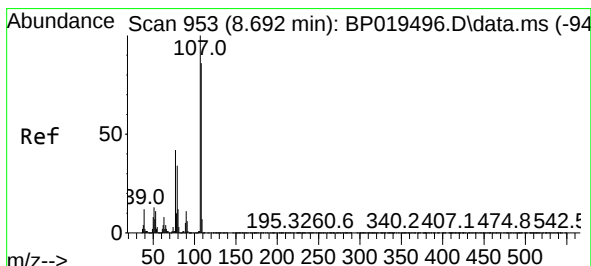
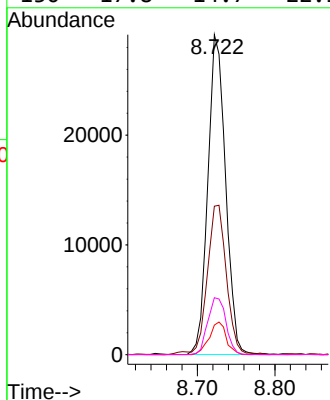
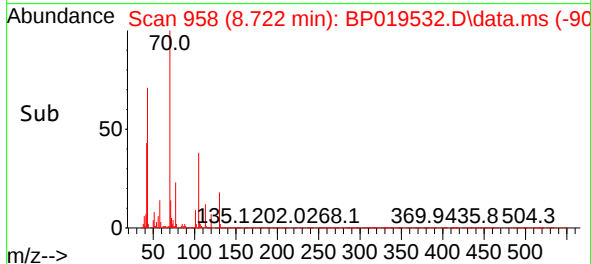
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2023



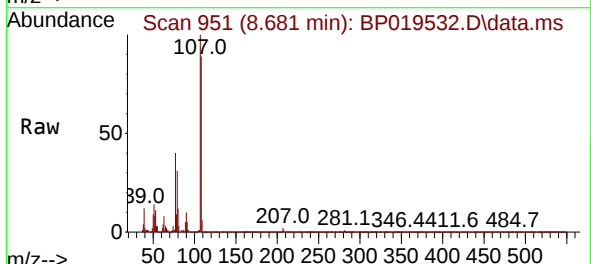
Tgt Ion: 70 Resp: 46269
Ion Ratio Lower Upper
70 100
42 46.4 39.2 58.8
101 9.2 7.3 10.9
130 17.8 14.7 22.1

Manual Integrations
APPROVED

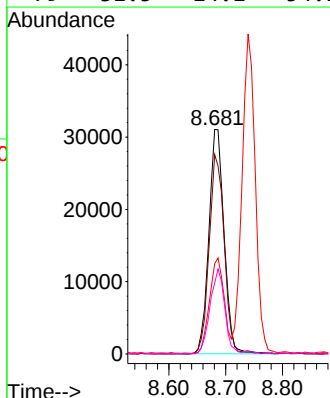
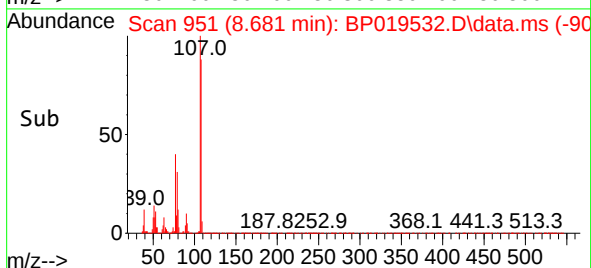
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024

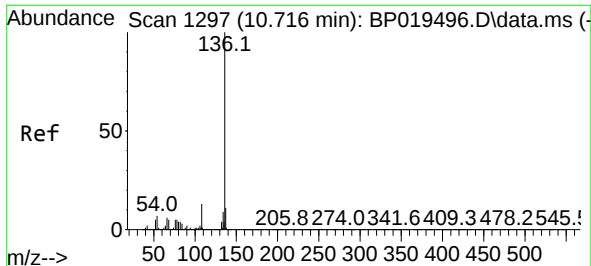


#20
3+4-Methylphenols
Concen: 11.250 ng
RT: 8.681 min Scan# 951
Delta R.T. -0.012 min
Lab File: BP019532.D
Acq: 02 Feb 2024 17:20



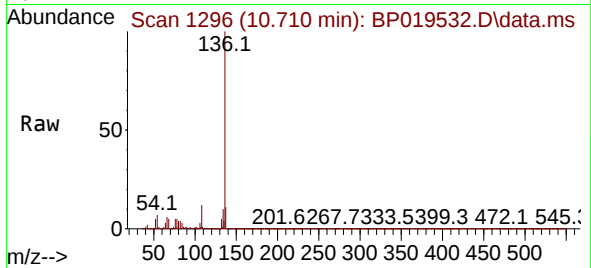
Tgt Ion:107 Resp: 57709
Ion Ratio Lower Upper
107 100
108 88.8 65.5 105.5
77 40.3 21.8 61.8
79 31.5 14.1 54.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.710 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BP019532.D
Acq: 02 Feb 2024 17:20

Instrument : BNA_P
ClientSampleId : LOQ-WATER-02-QT4-2023

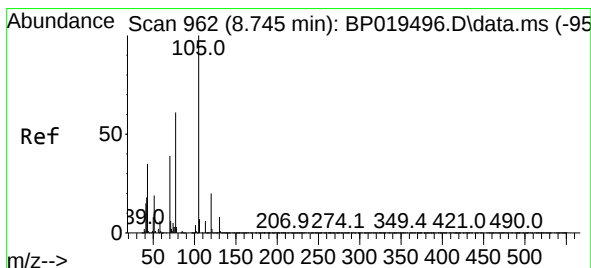
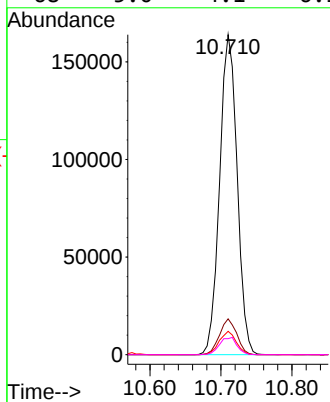
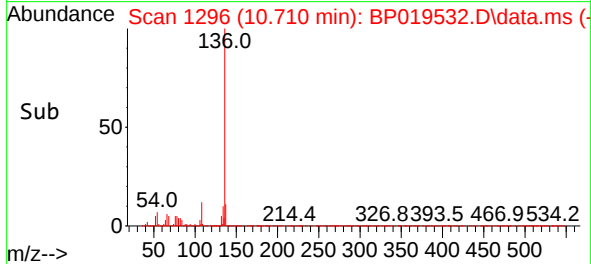


Tgt Ion:136 Resp: 27971

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	7.3	5.3	7.9
68	5.0	4.1	6.1

Manual Integrations
APPROVED

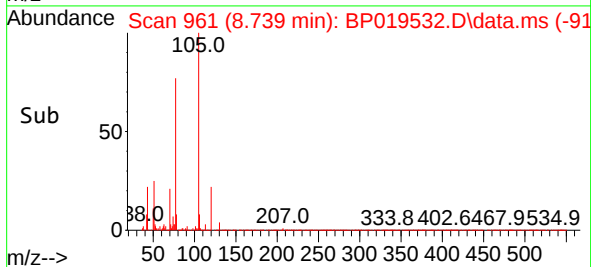
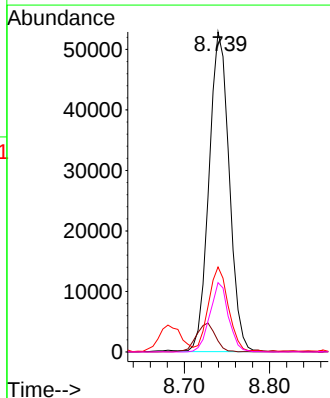
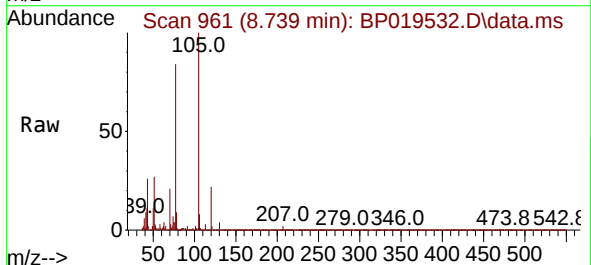
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#22
Acetophenone
Concen: 10.926 ng
RT: 8.739 min Scan# 961
Delta R.T. -0.006 min
Lab File: BP019532.D
Acq: 02 Feb 2024 17:20

Tgt Ion:105 Resp: 87063

Ion	Ratio	Lower	Upper
105	100		
71	3.4	4.9	7.3#
51	26.6	20.7	31.1
120	21.6	15.8	23.8





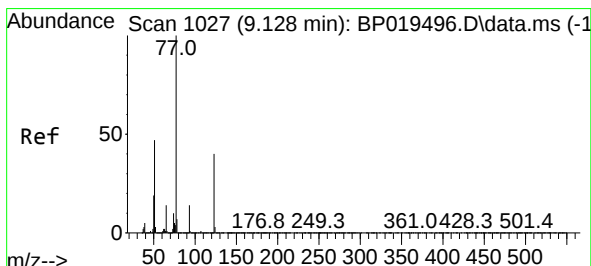
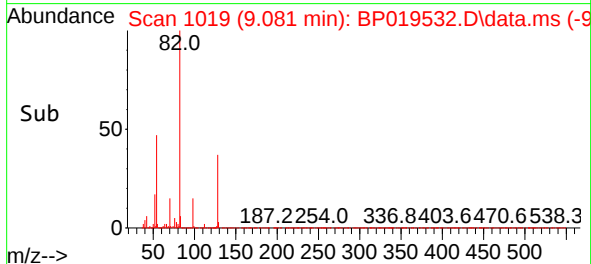
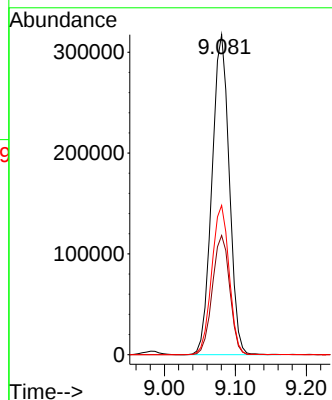
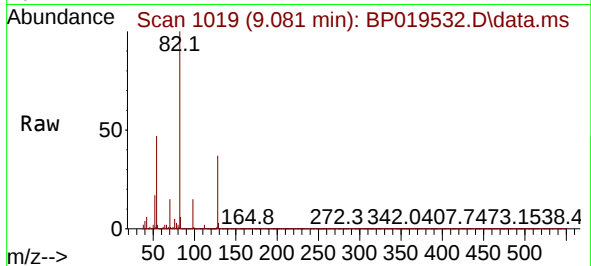
#23
Nitrobenzene-d5
Concen: 83.044 ng
RT: 9.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BP019532.D
Acq: 02 Feb 2024 17:20

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2023

Tgt Ion: 82 Resp: 536060
Ion Ratio Lower Upper
82 100
128 37.2 29.7 44.5
54 46.7 36.8 55.2

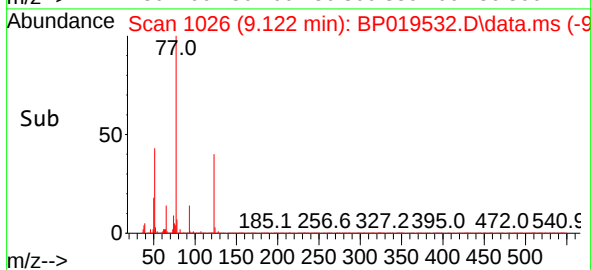
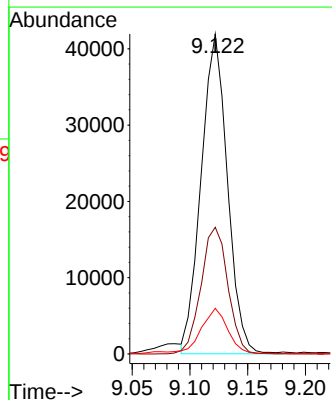
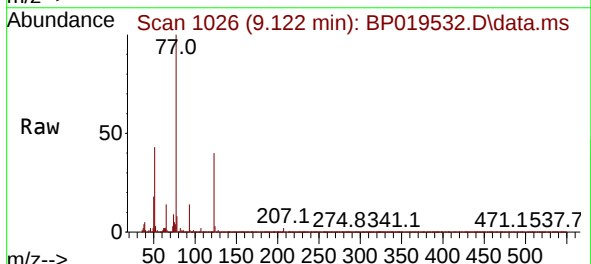
Manual Integrations
APPROVED

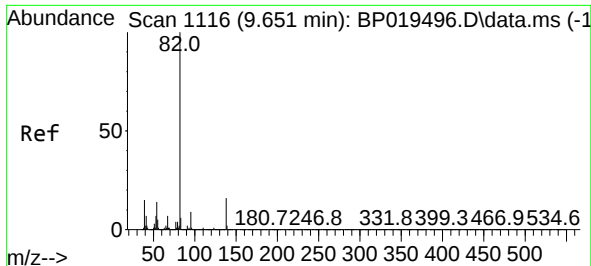
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#24
Nitrobenzene
Concen: 10.201 ng m
RT: 9.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BP019532.D
Acq: 02 Feb 2024 17:20

Tgt Ion: 77 Resp: 66300
Ion Ratio Lower Upper
77 100
123 39.6 32.3 48.5
65 14.3 11.6 17.4





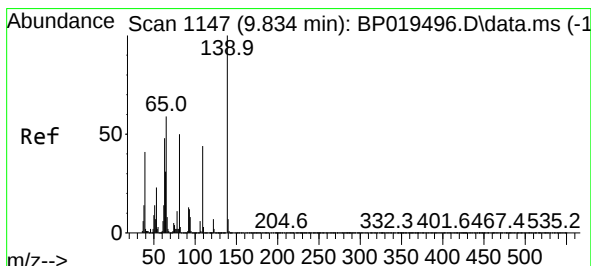
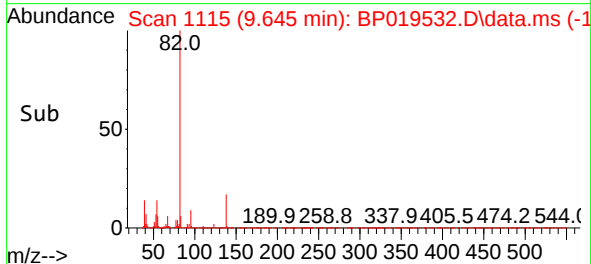
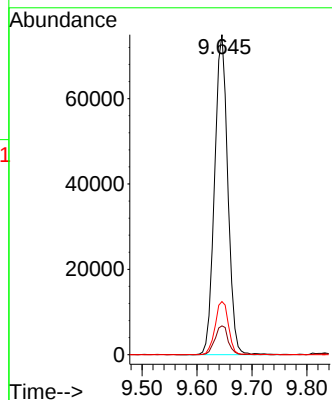
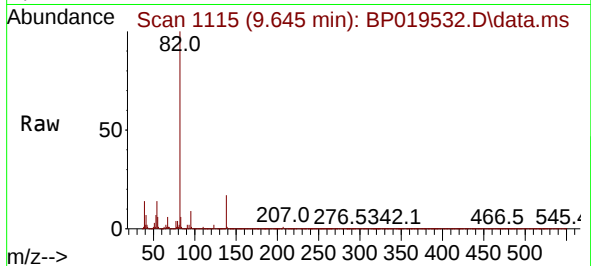
#25
Isophorone
Concen: 11.132 ng
RT: 9.645 min Scan# 1115
Delta R.T. -0.006 min
Lab File: BP019532.D
Acq: 02 Feb 2024 17:20

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2023

Tgt Ion: 82 Resp: 125140
Ion Ratio Lower Upper
82 100
95 9.0 7.0 10.4
138 16.6 13.1 19.7

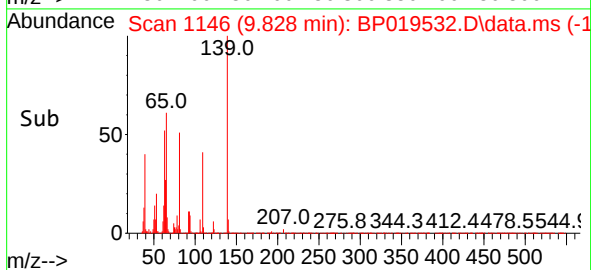
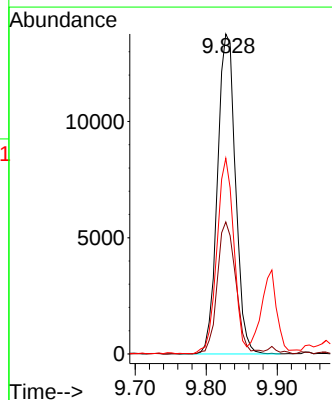
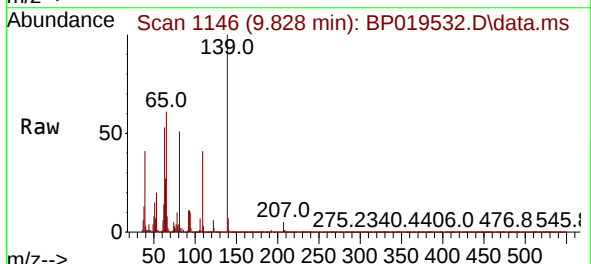
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#26
2-Nitrophenol
Concen: 9.752 ng
RT: 9.828 min Scan# 1146
Delta R.T. -0.006 min
Lab File: BP019532.D
Acq: 02 Feb 2024 17:20

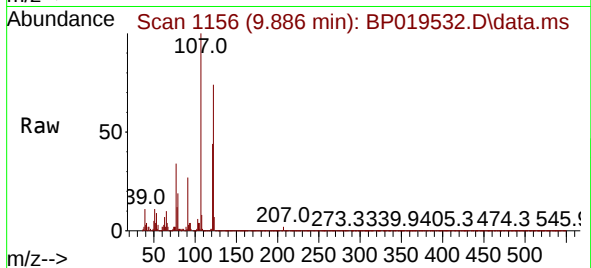
Tgt Ion:139 Resp: 24167
Ion Ratio Lower Upper
139 100
109 41.3 34.9 52.3
65 61.1 47.5 71.3





#27
2,4-Dimethylphenol
Concen: 12.680 ng
RT: 9.886 min Scan# 1158
Delta R.T. -0.012 min
Lab File: BP019532.D
Acq: 02 Feb 2024 17:20

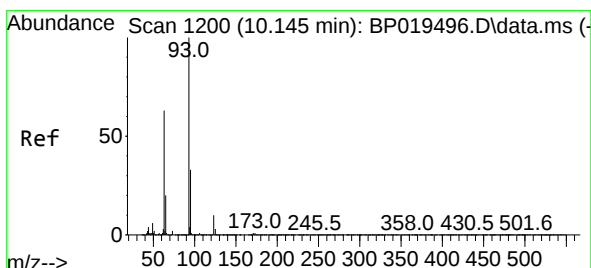
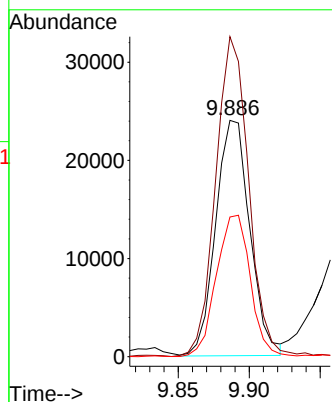
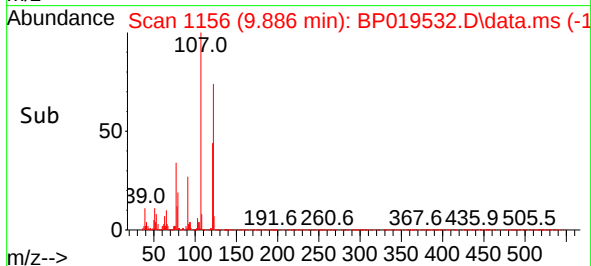
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2023



Tgt Ion:122 Resp: 4018
Ion Ratio Lower Upper
122 100
107 135.4 105.9 158.9
121 59.1 47.5 71.3

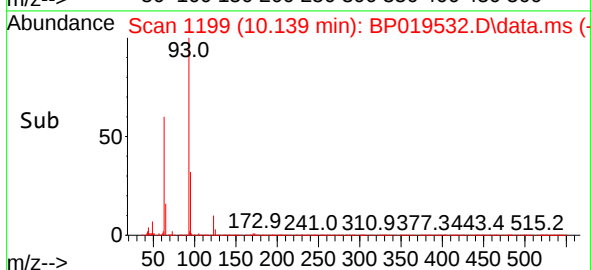
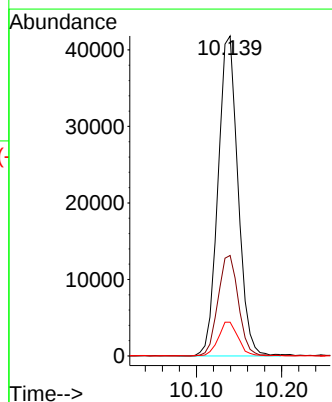
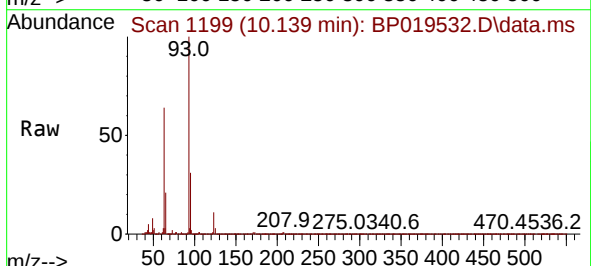
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#28
bis(2-Chloroethoxy)methane
Concen: 10.687 ng
RT: 10.139 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BP019532.D
Acq: 02 Feb 2024 17:20

Tgt Ion: 93 Resp: 67977
Ion Ratio Lower Upper
93 100
95 31.4 26.2 39.4
123 10.6 8.5 12.7





#29

2,4-Dichlorophenol

Concen: 10.438 ng

RT: 10.357 min Scan# 1236

Delta R.T. -0.006 min

Lab File: BP019532.D

Acq: 02 Feb 2024 17:20

Instrument :

BNA_P

ClientSampleId :

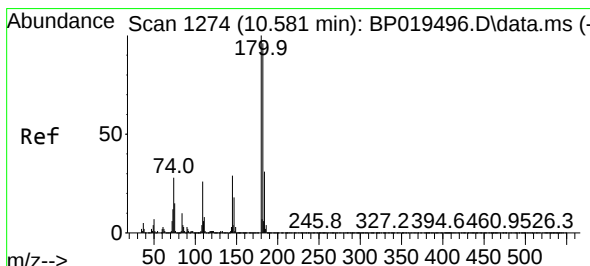
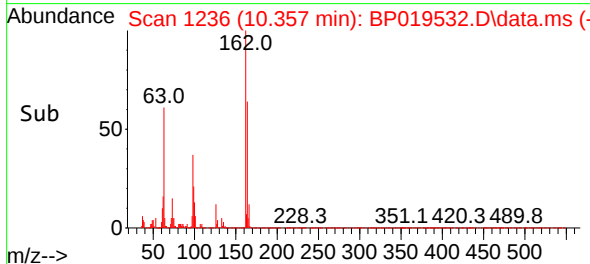
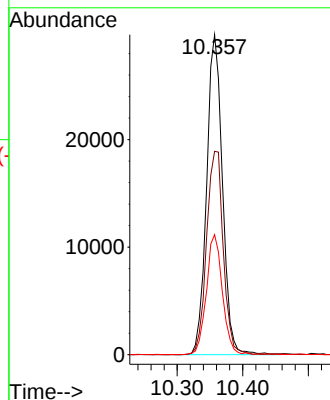
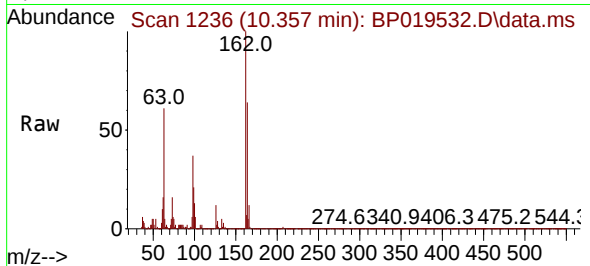
LOQ-WATER-02-QT4-2023

Tgt Ion:	162	Resp:	50000
Ion Ratio	Lower	Upper	
162	100		
164	63.6	46.0	86.0
98	37.5	18.7	58.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#30

1,2,4-Trichlorobenzene

Concen: 10.098 ng

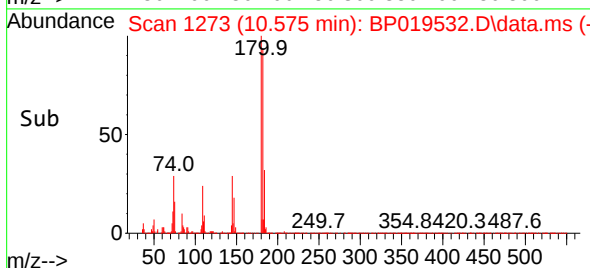
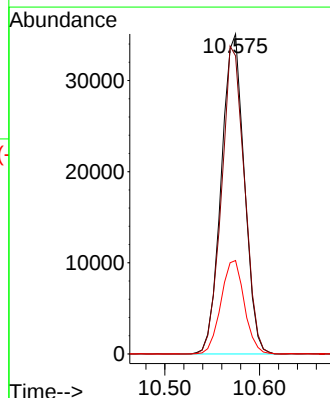
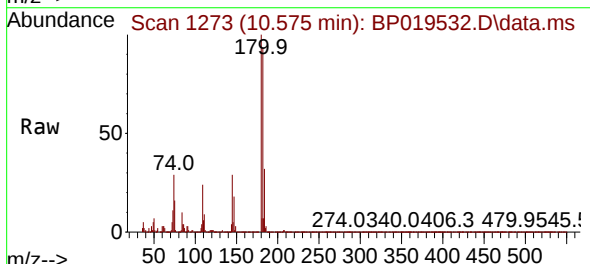
RT: 10.575 min Scan# 1273

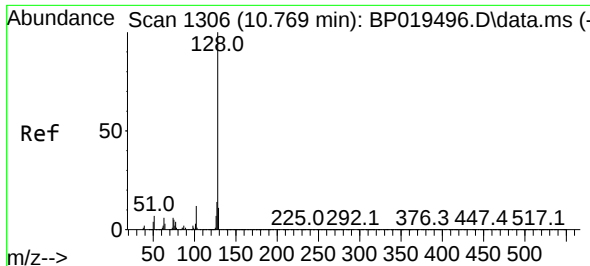
Delta R.T. -0.006 min

Lab File: BP019532.D

Acq: 02 Feb 2024 17:20

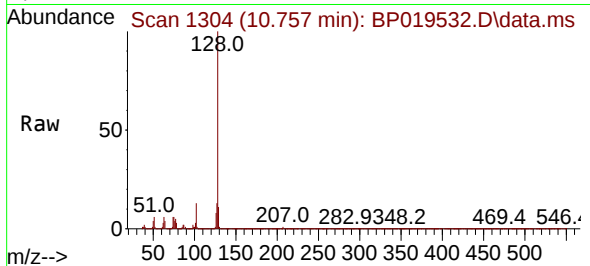
Tgt Ion:	180	Resp:	59309
Ion Ratio	Lower	Upper	
180	100		
182	93.2	77.0	115.6
145	29.2	23.2	34.8





#31
Naphthalene
Concen: 10.335 ng
RT: 10.757 min Scan# 1171
Delta R.T. -0.012 min
Lab File: BP019532.D
Acq: 02 Feb 2024 17:20

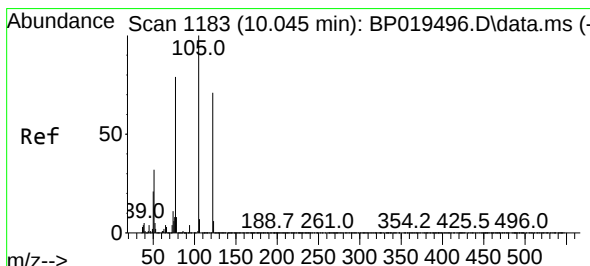
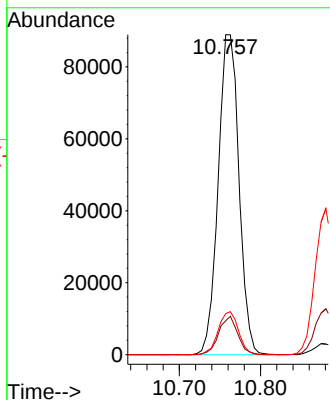
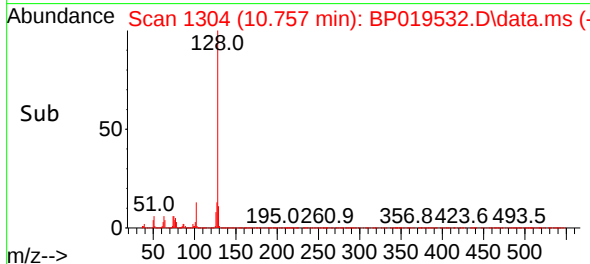
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2023



Tgt Ion:128 Resp: 158544
Ion Ratio Lower Upper
128 100
129 10.6 8.6 13.0
127 12.9 10.8 16.2

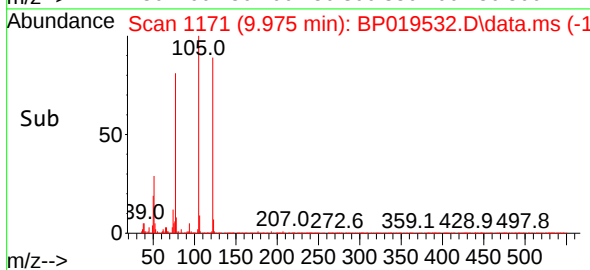
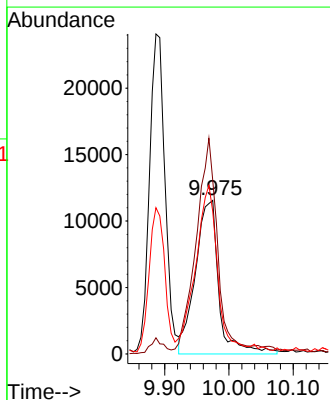
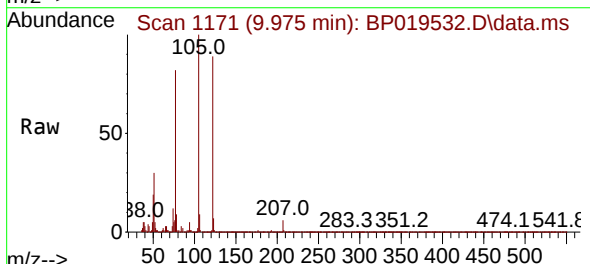
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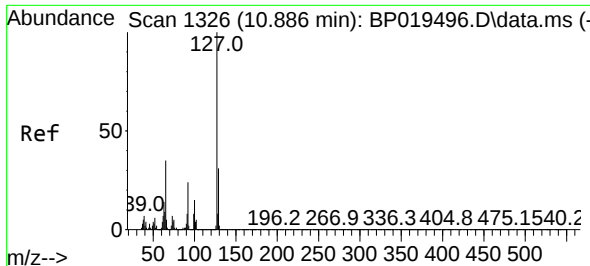
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#32
Benzoic acid
Concen: 9.505 ng m
RT: 9.975 min Scan# 1171
Delta R.T. -0.071 min
Lab File: BP019532.D
Acq: 02 Feb 2024 17:20

Tgt Ion:122 Resp: 29345
Ion Ratio Lower Upper
122 100
105 112.9 118.8 158.8#
77 92.6 91.7 131.7





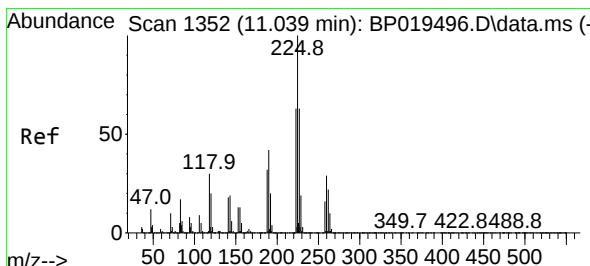
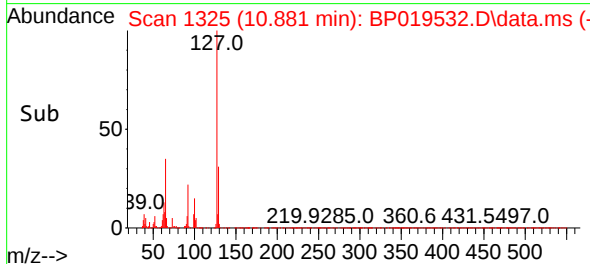
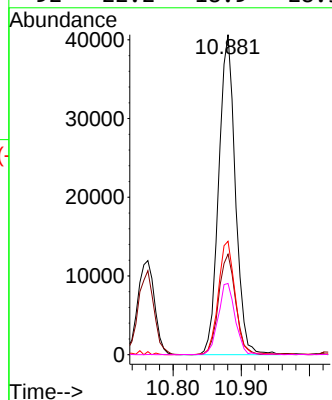
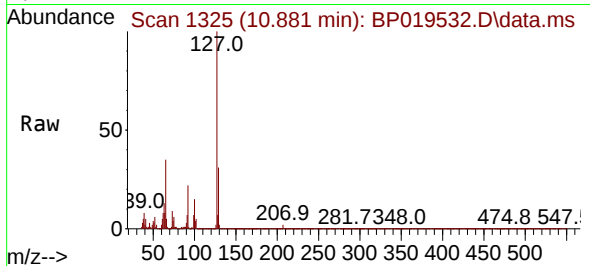
#33
4-Chloroaniline
Concen: 12.154 ng
RT: 10.881 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BP019532.D
Acq: 02 Feb 2024 17:20

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2023

Tgt Ion:	127	Resp:	6895
Ion Ratio	Lower	Upper	
127	100		
129	31.4	24.6	36.8
65	35.4	28.2	42.4
92	22.2	18.9	28.3

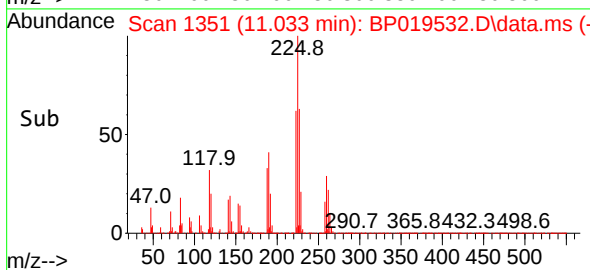
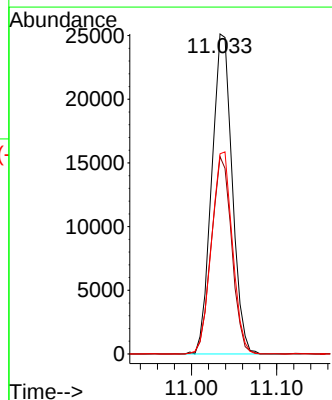
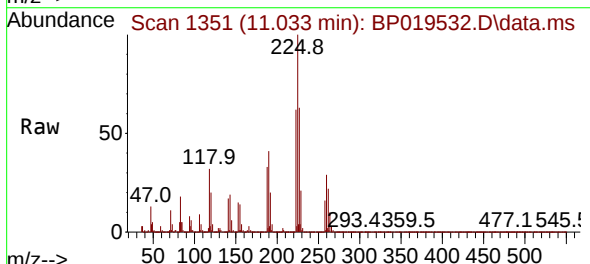
Manual Integrations
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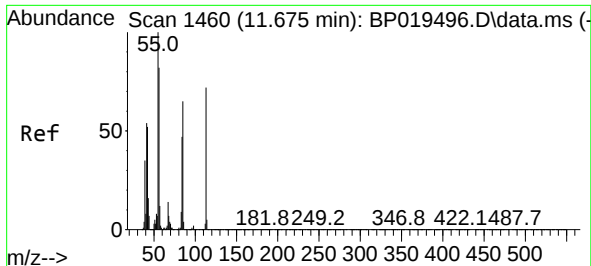
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#34
Hexachlorobutadiene
Concen: 9.612 ng
RT: 11.033 min Scan# 1351
Delta R.T. -0.006 min
Lab File: BP019532.D
Acq: 02 Feb 2024 17:20

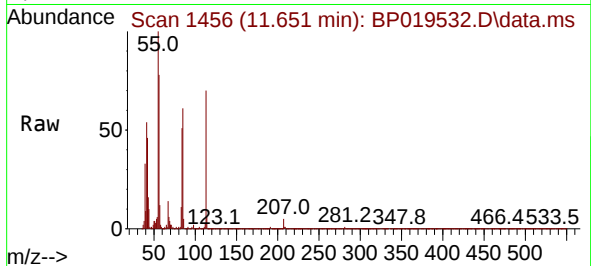
Tgt Ion:	225	Resp:	41835
Ion Ratio	Lower	Upper	
225	100		
223	61.6	50.5	75.7
227	62.6	50.2	75.2





#35
Caprolactam
Concen: 13.585 ng
RT: 11.651 min Scan# 1460
Delta R.T. -0.024 min
Lab File: BP019532.D
Acq: 02 Feb 2024 17:20

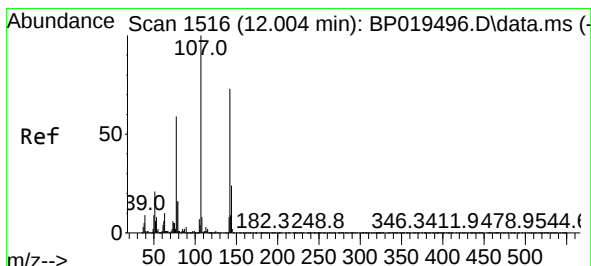
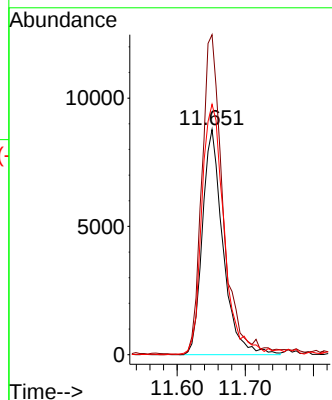
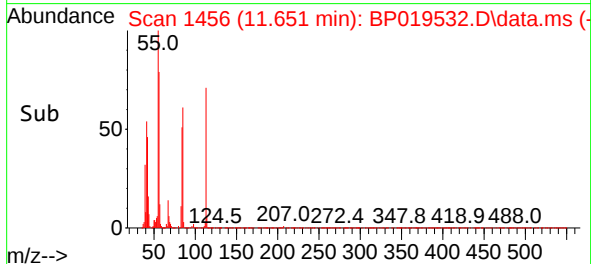
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2023



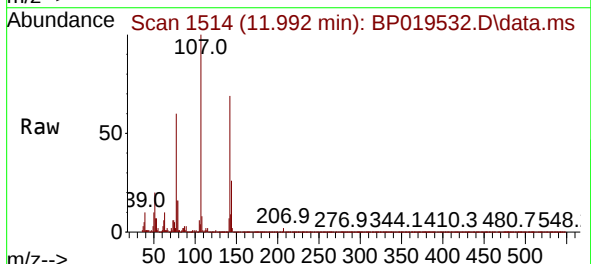
Tgt Ion:113 Resp: 1842
Ion Ratio Lower Upper
113 100
55 142.1 120.0 160.0
56 111.2 94.0 134.0

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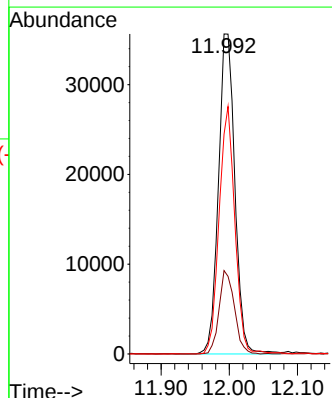
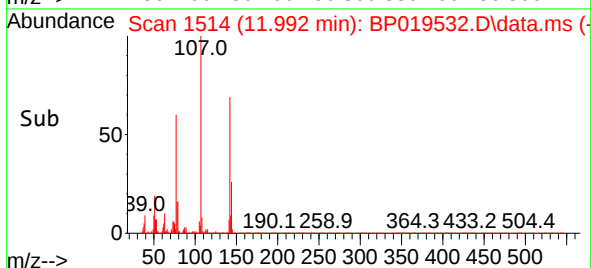
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024

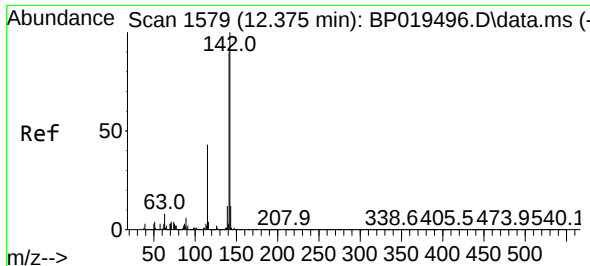


#36
4-Chloro-3-methylphenol
Concen: 11.443 ng
RT: 11.992 min Scan# 1514
Delta R.T. -0.012 min
Lab File: BP019532.D
Acq: 02 Feb 2024 17:20



Tgt Ion:107 Resp: 59767
Ion Ratio Lower Upper
107 100
144 26.1 19.0 28.4
142 68.6 58.6 88.0





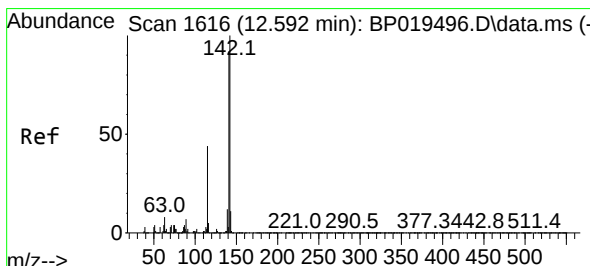
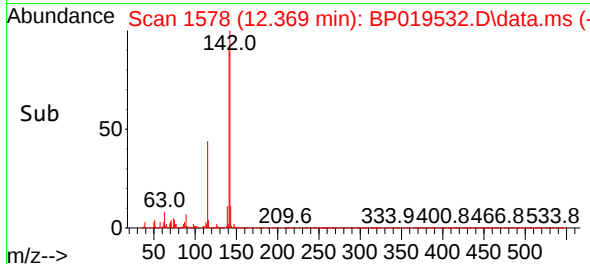
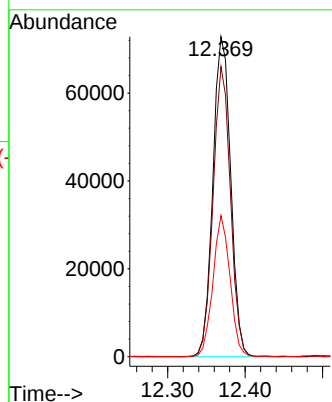
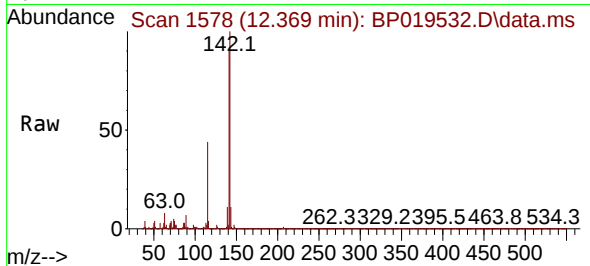
#37
2-Methylnaphthalene
Concen: 10.947 ng
RT: 12.369 min Scan# 1615
Delta R.T. -0.006 min
Lab File: BP019532.D
Acq: 02 Feb 2024 17:20

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2023

Tgt Ion:142 Resp: 116220
Ion Ratio Lower Upper
142 100
141 90.7 72.2 108.4
115 44.1 34.2 51.2

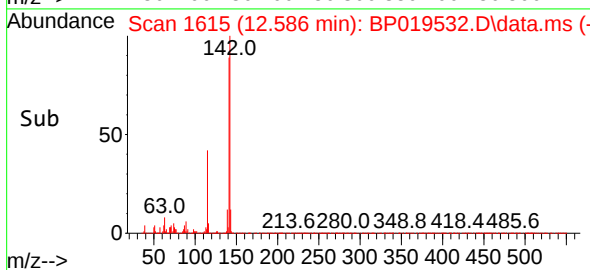
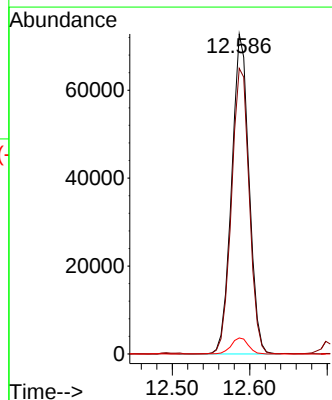
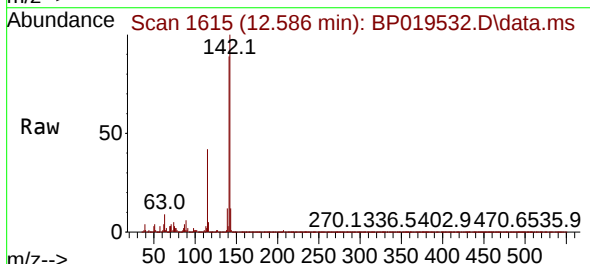
Manual Integrations
APPROVED

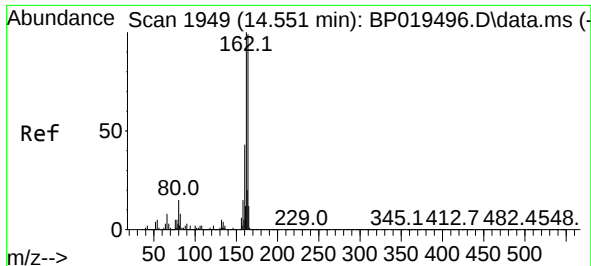
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#38
1-Methylnaphthalene
Concen: 10.904 ng
RT: 12.586 min Scan# 1615
Delta R.T. -0.006 min
Lab File: BP019532.D
Acq: 02 Feb 2024 17:20

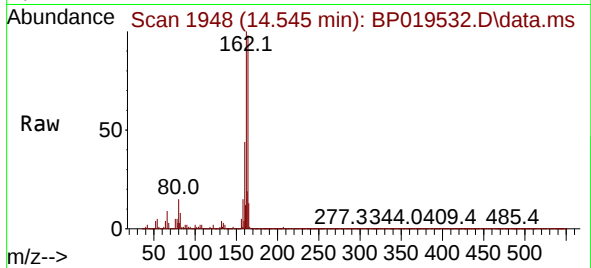
Tgt Ion:142 Resp: 113764
Ion Ratio Lower Upper
142 100
141 89.3 74.0 111.0
116 5.0 3.7 5.5





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.545 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BP019532.D
Acq: 02 Feb 2024 17:20

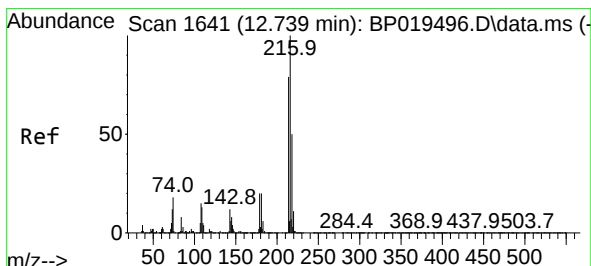
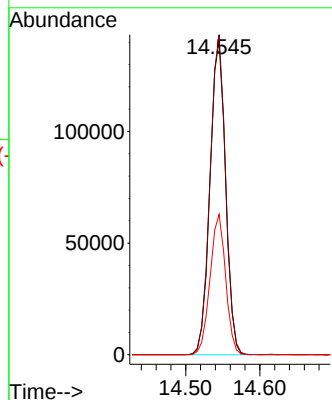
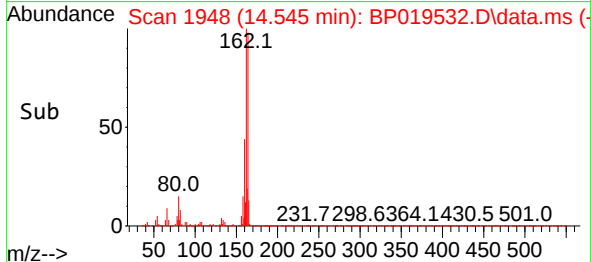
Instrument : BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2023



Tgt Ion:164 Resp: 20515
Ion Ratio Lower Upper
164 100
162 102.0 81.2 121.8
160 44.7 35.1 52.7

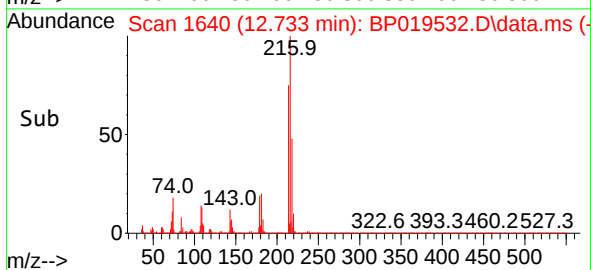
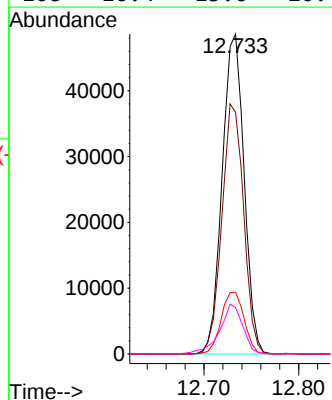
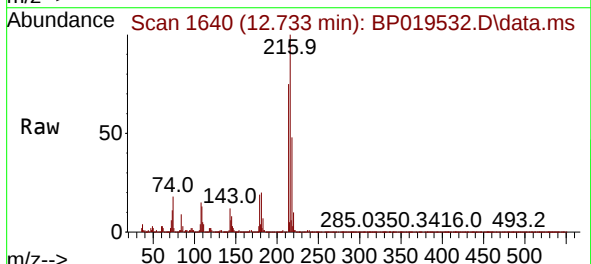
Manual Integrations
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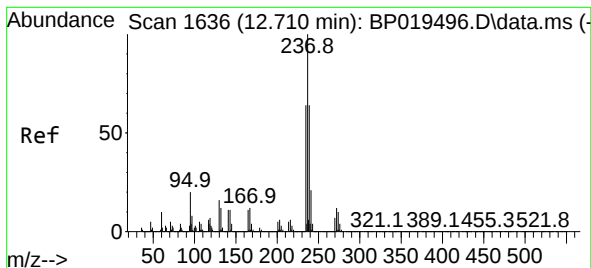
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 9.885 ng
RT: 12.733 min Scan# 1640
Delta R.T. -0.006 min
Lab File: BP019532.D
Acq: 02 Feb 2024 17:20

Tgt Ion:216 Resp: 78209
Ion Ratio Lower Upper
216 100
214 77.6 62.8 94.2
179 20.2 16.6 24.8
108 16.4 13.6 20.4





#41

Hexachlorocyclopentadiene

Concen: 10.237 ng

RT: 12.704 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP019532.D

Acq: 02 Feb 2024 17:20

Instrument :

BNA_P

ClientSampleId :

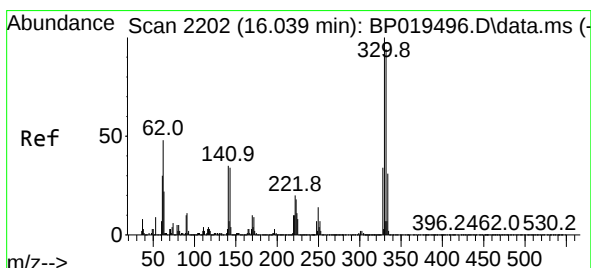
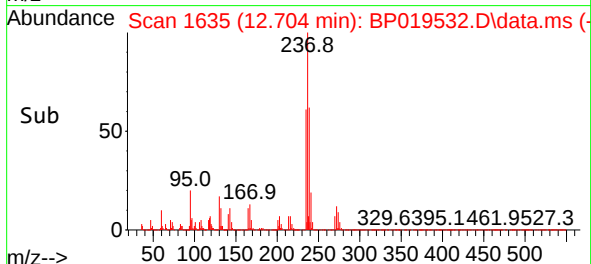
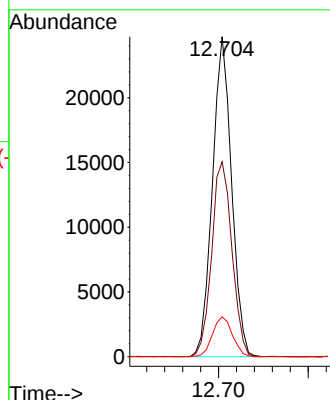
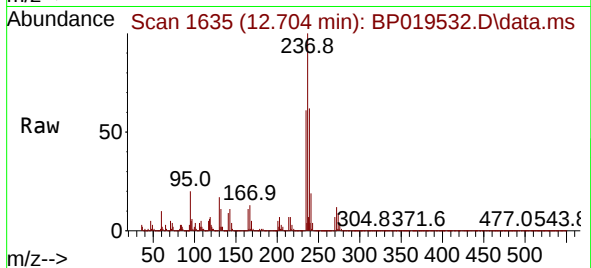
LOQ-WATER-02-QT4-2023

Tgt Ion:	237	Resp:	3658
Ion Ratio	Lower	Upper	
237	100		
235	60.9	43.7	83.7
272	12.4	0.0	32.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#42

2,4,6-Tribromophenol

Concen: 168.902 ng

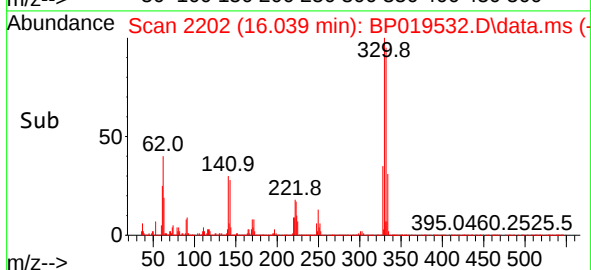
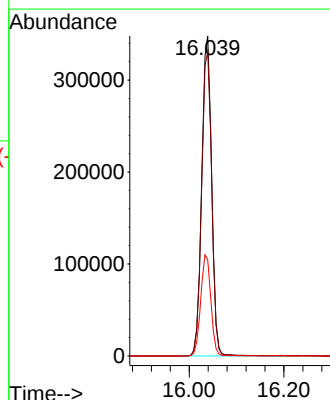
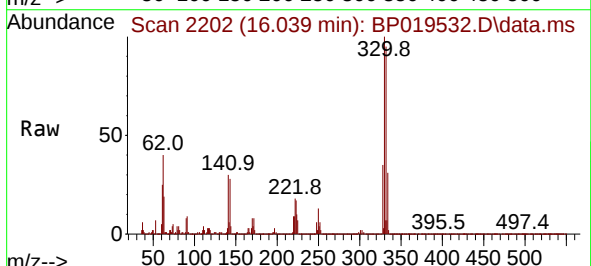
RT: 16.039 min Scan# 2202

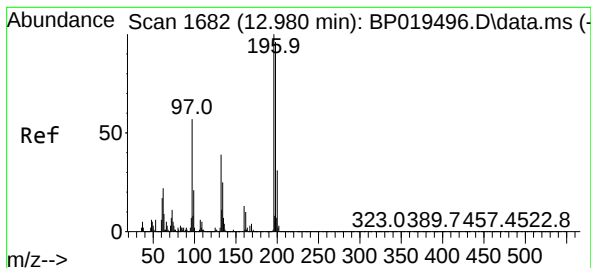
Delta R.T. -0.000 min

Lab File: BP019532.D

Acq: 02 Feb 2024 17:20

Tgt Ion:	330	Resp:	505920
Ion Ratio	Lower	Upper	
330	100		
332	96.2	77.2	115.8
141	32.4	27.0	40.4





#43

2,4,6-Trichlorophenol

Concen: 10.083 ng

RT: 12.975 min Scan# 1681

Delta R.T. -0.006 min

Lab File: BP019532.D

Acq: 02 Feb 2024 17:20

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT4-2023

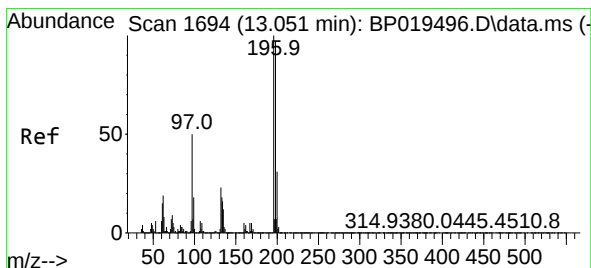
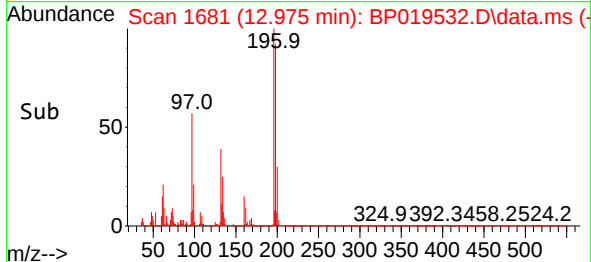
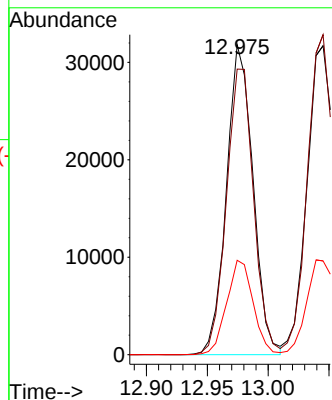
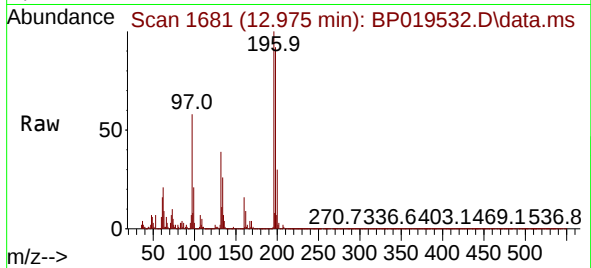
Tgt Ion:196 Resp: 4830

Ion	Ratio	Lower	Upper
196	100		
198	92.1	76.7	115.1
200	30.5	24.6	36.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#44

2,4,5-Trichlorophenol

Concen: 9.959 ng

RT: 13.045 min Scan# 1693

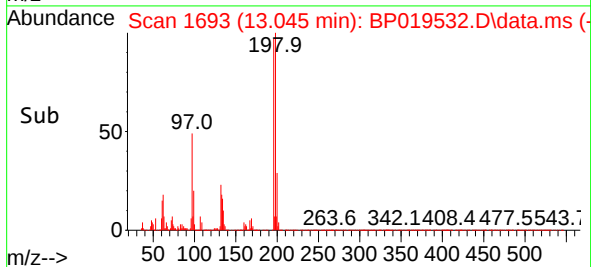
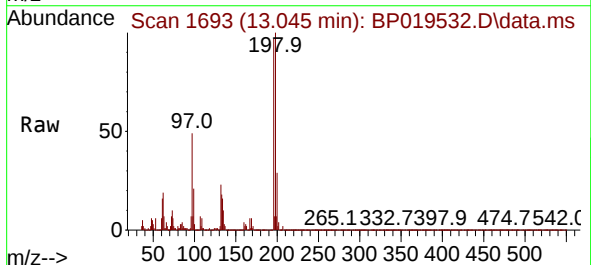
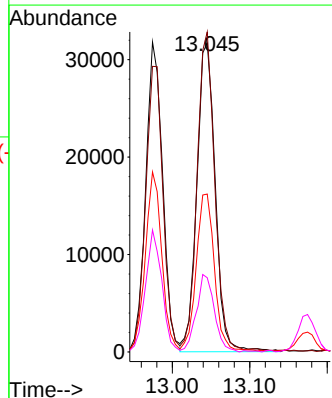
Delta R.T. -0.006 min

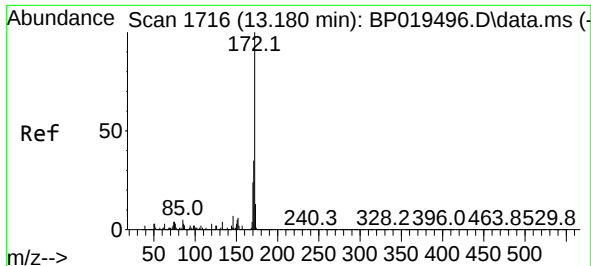
Lab File: BP019532.D

Acq: 02 Feb 2024 17:20

Tgt Ion:196 Resp: 52394

Ion	Ratio	Lower	Upper
196	100		
198	103.6	77.5	116.3
97	51.1	39.9	59.9
132	24.0	18.6	27.8





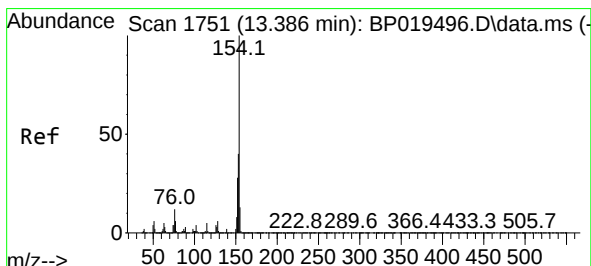
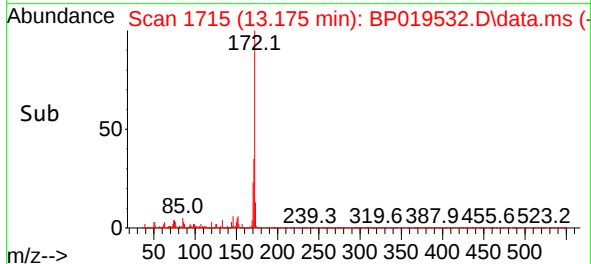
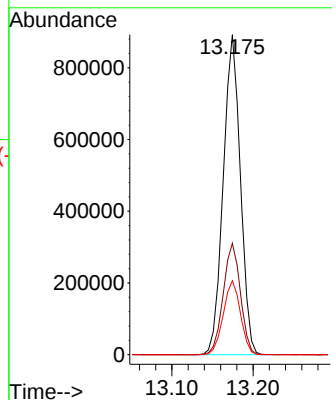
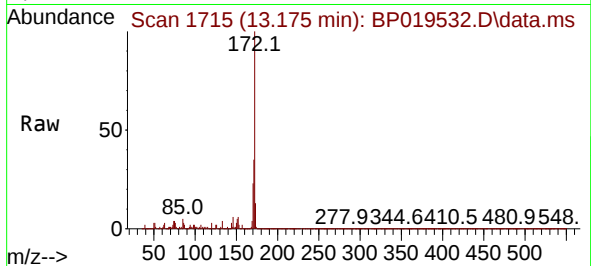
#45
2-Fluorobiphenyl
Concen: 78.937 ng
RT: 13.175 min Scan# 1715
Delta R.T. -0.006 min
Lab File: BP019532.D
Acq: 02 Feb 2024 17:20

Instrument : BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2023

Tgt Ion:172 Resp: 1309950
Ion Ratio Lower Upper
172 100
171 34.8 28.2 42.4
170 23.1 18.9 28.3

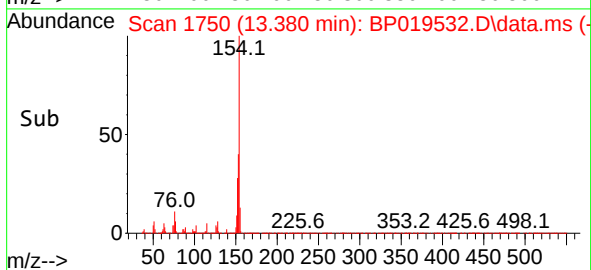
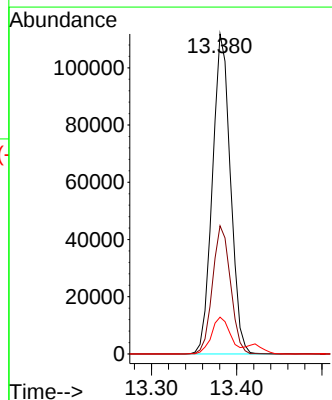
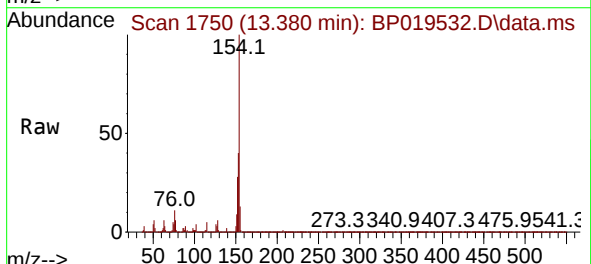
Manual Integrations
APPROVED

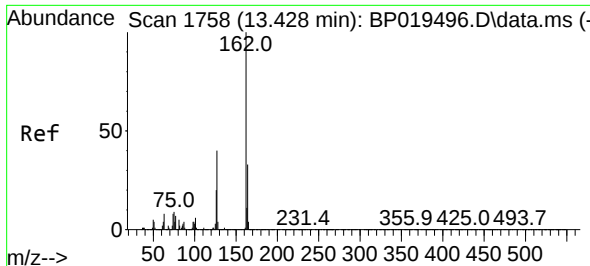
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#46
1,1'-Biphenyl
Concen: 10.045 ng
RT: 13.380 min Scan# 1750
Delta R.T. -0.006 min
Lab File: BP019532.D
Acq: 02 Feb 2024 17:20

Tgt Ion:154 Resp: 164475
Ion Ratio Lower Upper
154 100
153 40.1 20.2 60.2
76 11.5 0.0 31.6





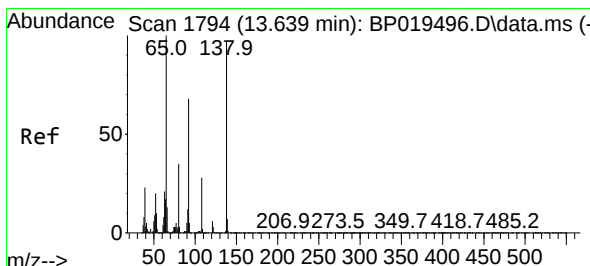
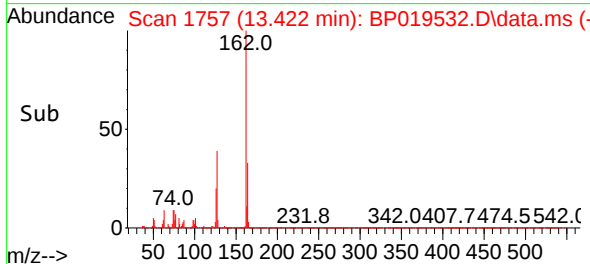
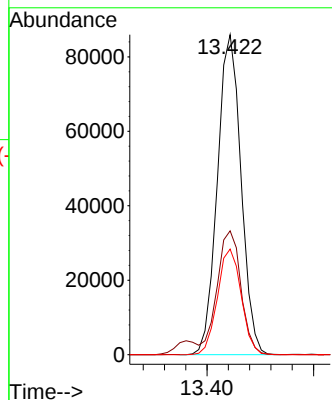
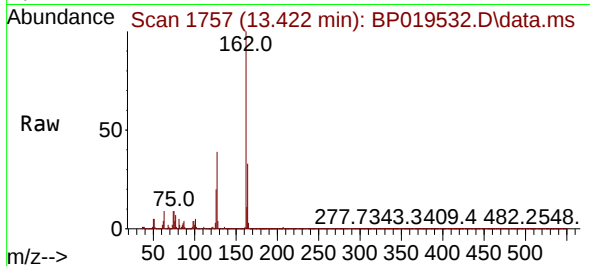
#47
2-Chloronaphthalene
Concen: 9.848 ng
RT: 13.422 min Scan# 1758
Delta R.T. -0.006 min
Lab File: BP019532.D
Acq: 02 Feb 2024 17:20

Instrument : BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2023

Tgt Ion:162 Resp: 13237
Ion Ratio Lower Upper
162 100
127 38.7 32.1 48.1
164 33.0 26.7 40.1

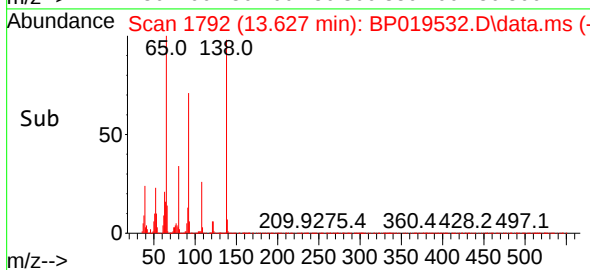
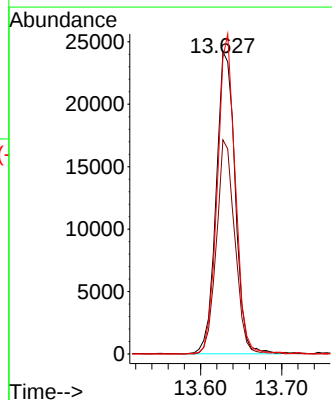
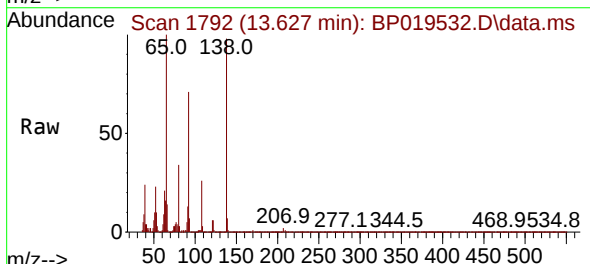
Manual Integrations
APPROVED

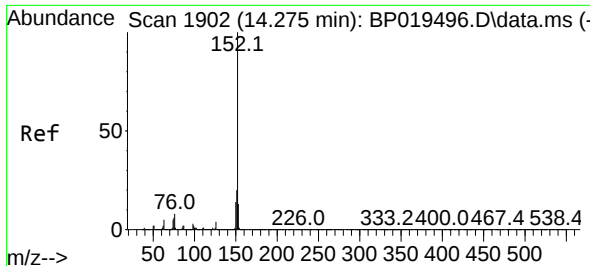
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#48
2-Nitroaniline
Concen: 10.499 ng
RT: 13.627 min Scan# 1792
Delta R.T. -0.012 min
Lab File: BP019532.D
Acq: 02 Feb 2024 17:20

Tgt Ion: 65 Resp: 39458
Ion Ratio Lower Upper
65 100
92 70.8 54.7 82.1
138 97.9 77.8 116.6





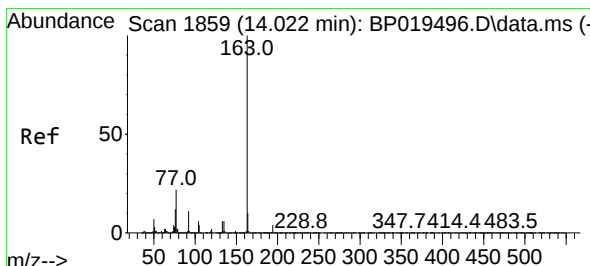
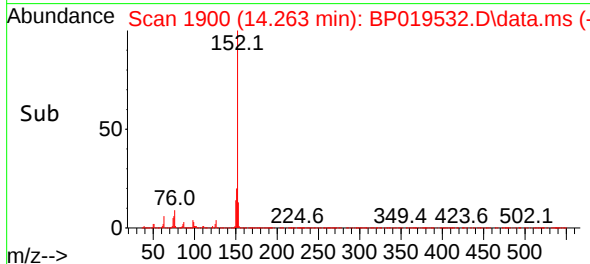
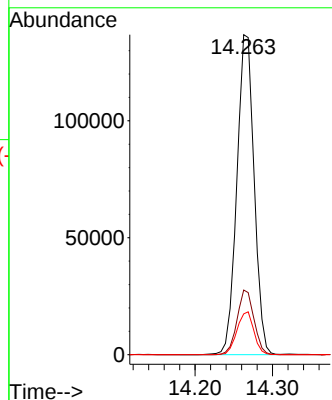
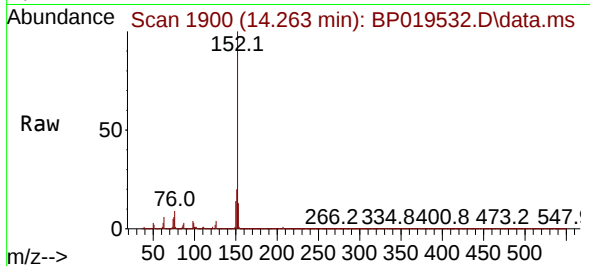
#49
Acenaphthylene
Concen: 11.276 ng
RT: 14.263 min Scan# 1902
Delta R.T. -0.012 min
Lab File: BP019532.D
Acq: 02 Feb 2024 17:20

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2023

Tgt Ion:152 Resp: 21262
Ion Ratio Lower Upper
152 100
151 20.2 15.8 23.6
153 12.8 10.6 15.8

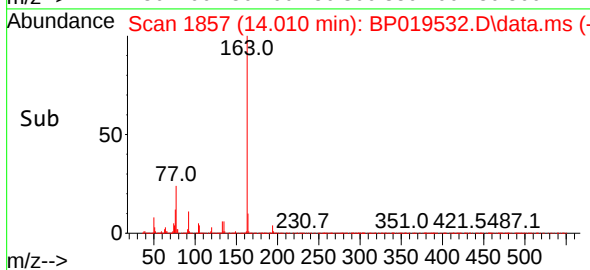
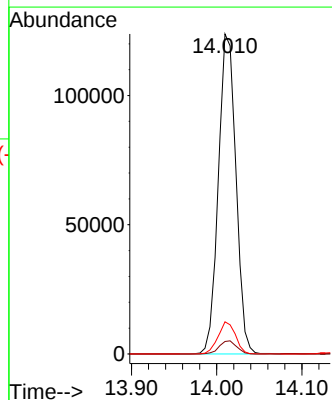
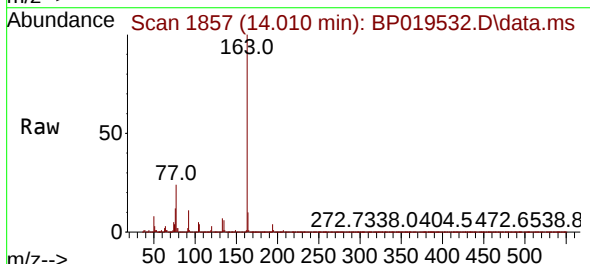
Manual Integrations
APPROVED

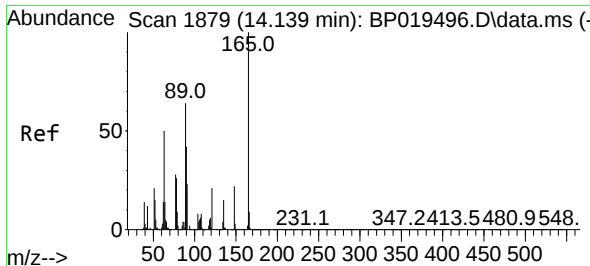
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#50
Dimethylphthalate
Concen: 11.316 ng
RT: 14.010 min Scan# 1857
Delta R.T. -0.012 min
Lab File: BP019532.D
Acq: 02 Feb 2024 17:20

Tgt Ion:163 Resp: 177718
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.2
164 10.1 7.8 11.6





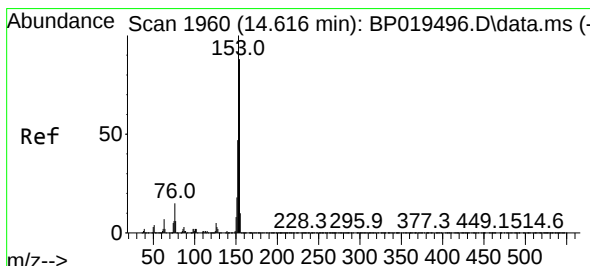
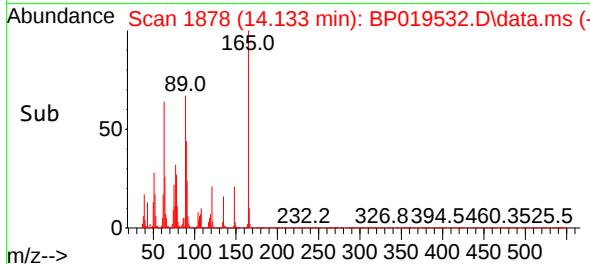
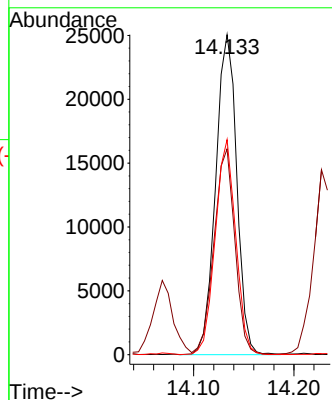
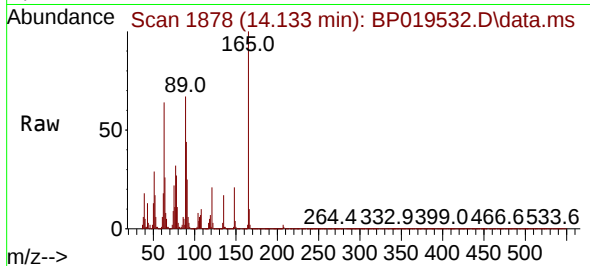
#51
2,6-Dinitrotoluene
Concen: 10.585 ng
RT: 14.133 min Scan# 1879
Delta R.T. -0.006 min
Lab File: BP019532.D
Acq: 02 Feb 2024 17:20

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2023

Tgt Ion:165 Resp: 3652
Ion Ratio Lower Upper
165 100
63 64.3 50.4 75.6
89 67.2 51.7 77.5

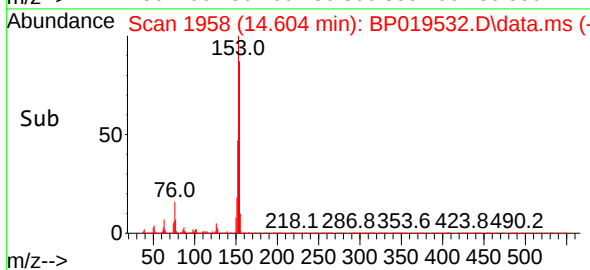
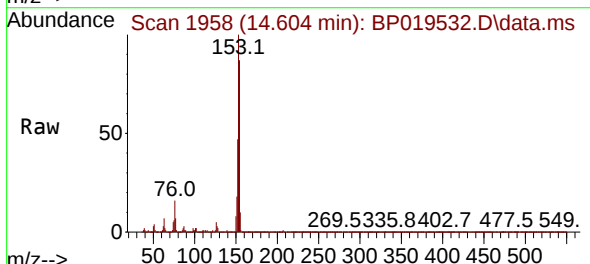
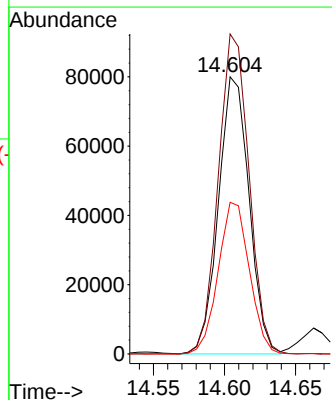
Manual Integrations
APPROVED

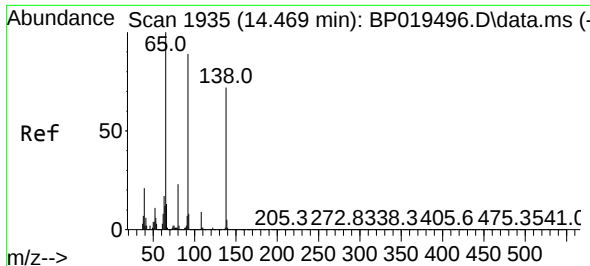
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#52
Acenaphthene
Concen: 10.249 ng
RT: 14.604 min Scan# 1958
Delta R.T. -0.012 min
Lab File: BP019532.D
Acq: 02 Feb 2024 17:20

Tgt Ion:154 Resp: 119955
Ion Ratio Lower Upper
154 100
153 115.5 90.5 135.7
152 54.8 42.1 63.1





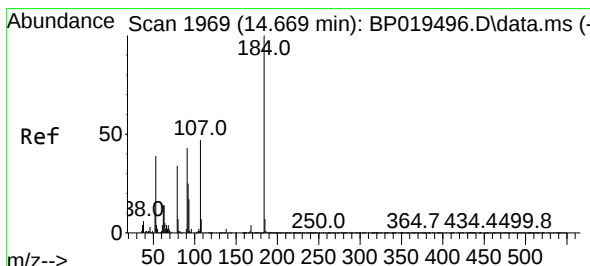
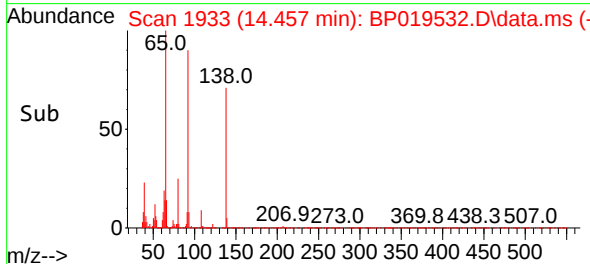
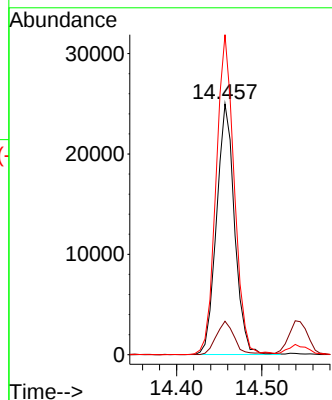
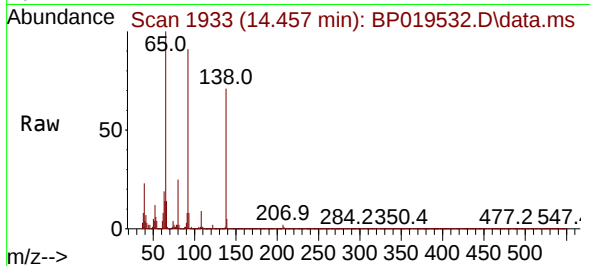
#53
3-Nitroaniline
Concen: 11.571 ng
RT: 14.457 min Scan# 1933
Delta R.T. -0.012 min
Lab File: BP019532.D
Acq: 02 Feb 2024 17:20

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2023

Tgt Ion:138 Resp: 3669
Ion Ratio Lower Upper
138 100
108 13.4 9.7 14.5
92 127.6 98.0 147.0

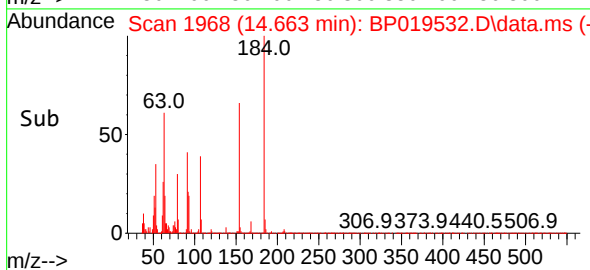
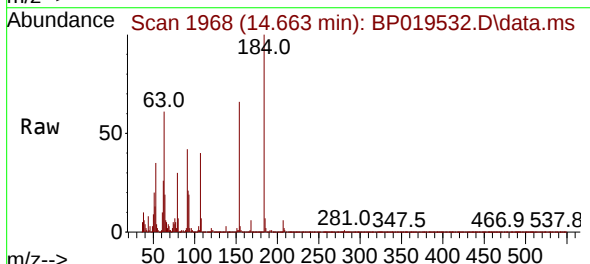
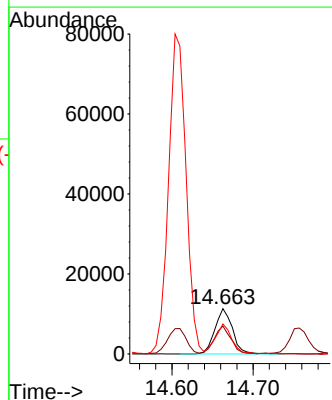
Manual Integrations
APPROVED

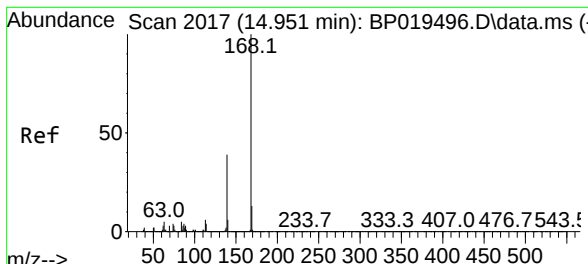
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#54
2,4-Dinitrophenol
Concen: 9.487 ng
RT: 14.663 min Scan# 1968
Delta R.T. -0.006 min
Lab File: BP019532.D
Acq: 02 Feb 2024 17:20

Tgt Ion:184 Resp: 16996
Ion Ratio Lower Upper
184 100
63 61.4 50.5 75.7
154 66.0 53.4 80.0





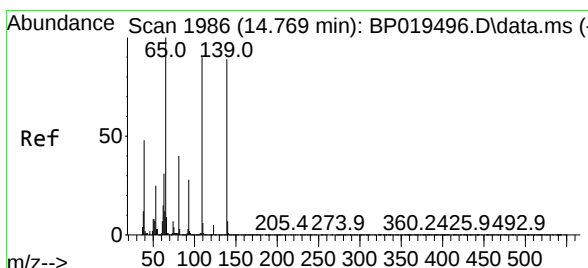
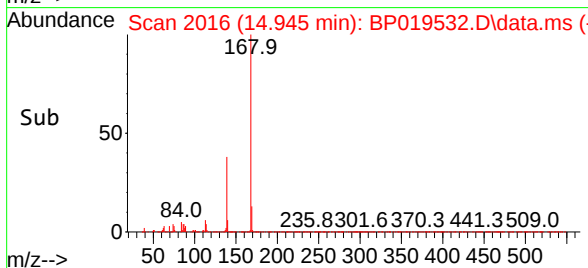
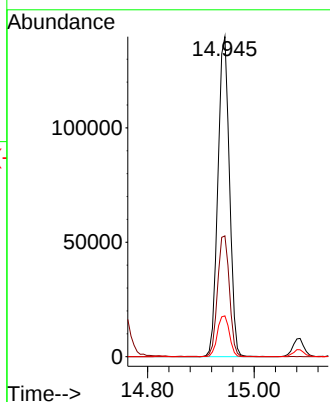
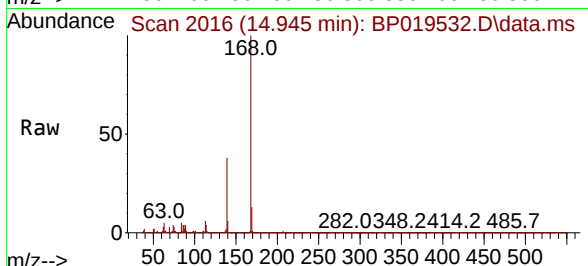
#55
Dibenzenofuran
Concen: 11.054 ng
RT: 14.945 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BP019532.D
Acq: 02 Feb 2024 17:20

Instrument : BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2023

Tgt Ion:168 Resp: 210700
Ion Ratio Lower Upper
168 100
139 37.7 31.5 47.3
169 12.7 10.3 15.5

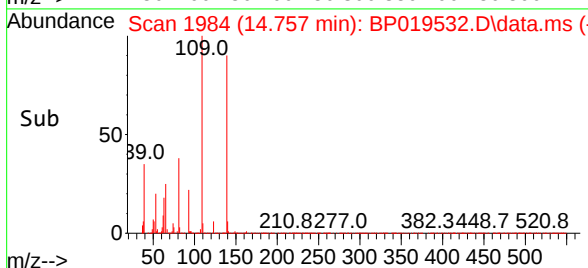
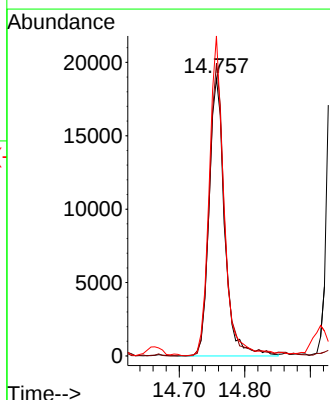
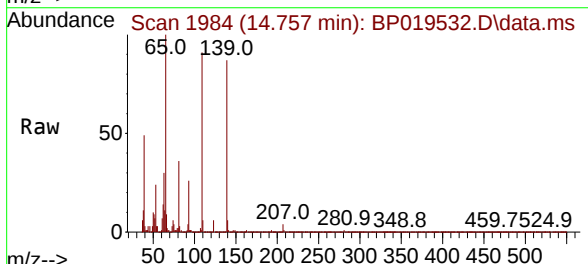
Manual Integrations
APPROVED

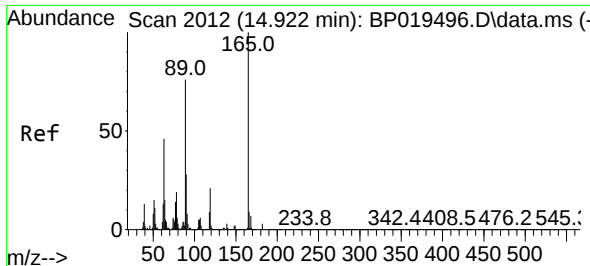
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#56
4-Nitrophenol
Concen: 11.987 ng
RT: 14.757 min Scan# 1984
Delta R.T. -0.012 min
Lab File: BP019532.D
Acq: 02 Feb 2024 17:20

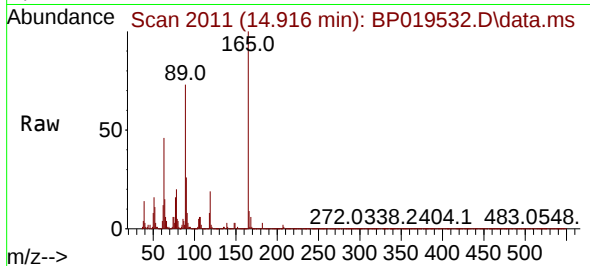
Tgt Ion:139 Resp: 31156
Ion Ratio Lower Upper
139 100
109 105.4 82.0 122.0
65 115.3 92.9 132.9





#57
2,4-Dinitrotoluene
Concen: 11.126 ng
RT: 14.916 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BP019532.D
Acq: 02 Feb 2024 17:20

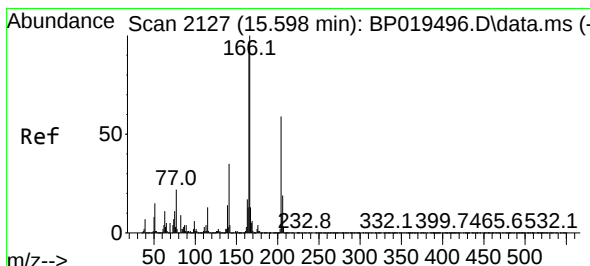
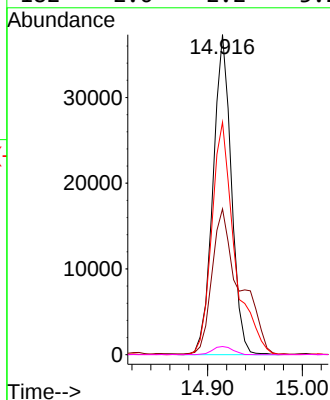
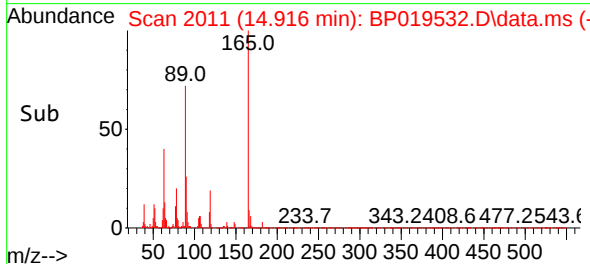
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2023



Tgt Ion:165 Resp: 50300
Ion Ratio Lower Upper
165 100
63 45.6 36.9 55.3
89 72.7 61.1 91.7
182 2.6 2.2 3.2

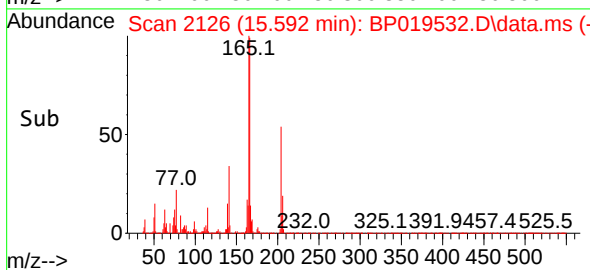
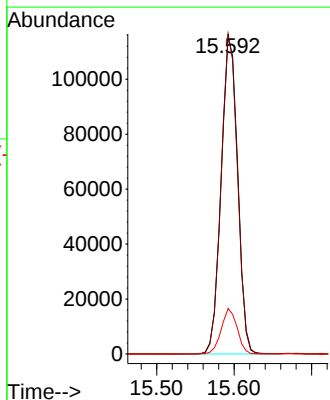
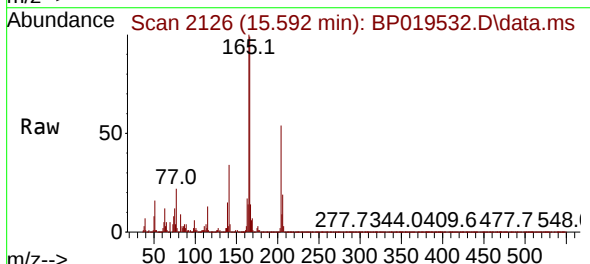
Manual Integrations
APPROVED

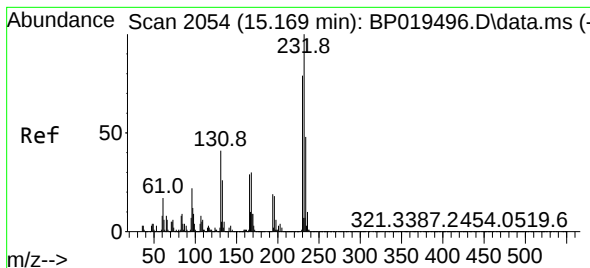
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#58
Fluorene
Concen: 11.264 ng
RT: 15.592 min Scan# 2126
Delta R.T. -0.006 min
Lab File: BP019532.D
Acq: 02 Feb 2024 17:20

Tgt Ion:166 Resp: 171016
Ion Ratio Lower Upper
166 100
165 100.7 77.8 116.8
167 14.3 10.7 16.1





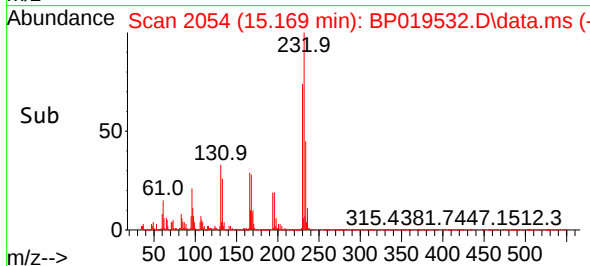
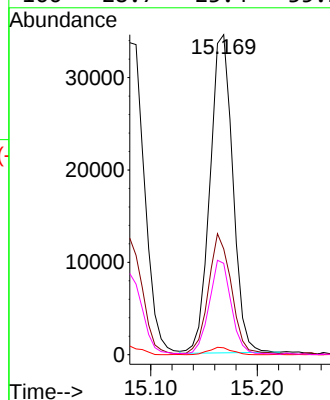
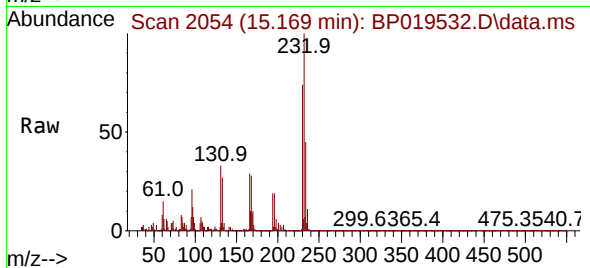
#59
2,3,4,6-Tetrachlorophenol
Concen: 11.592 ng
RT: 15.169 min Scan# 2054
Delta R.T. -0.000 min
Lab File: BP019532.D
Acq: 02 Feb 2024 17:20

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2023

Tgt Ion:232 Resp: 5129
Ion Ratio Lower Upper
232 100
131 39.1 32.4 48.6
130 2.4 1.9 2.9
166 28.7 23.4 35.2

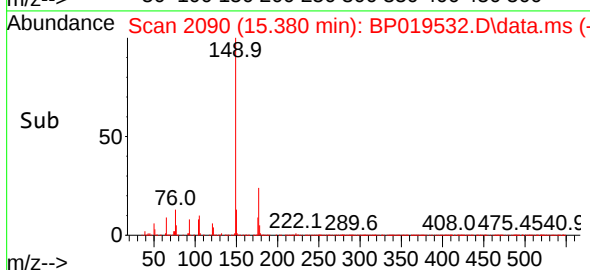
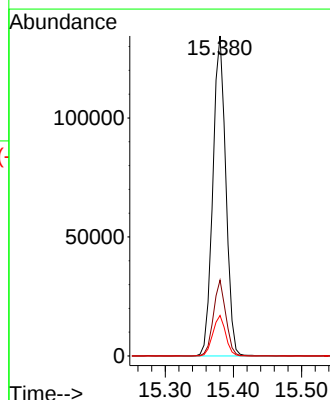
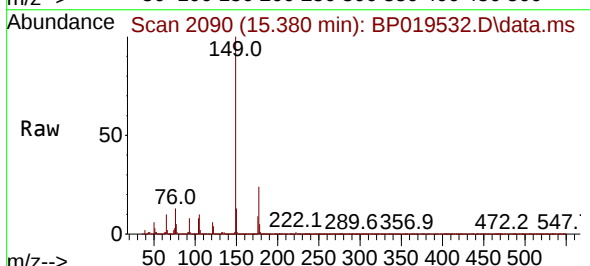
Manual Integrations
APPROVED

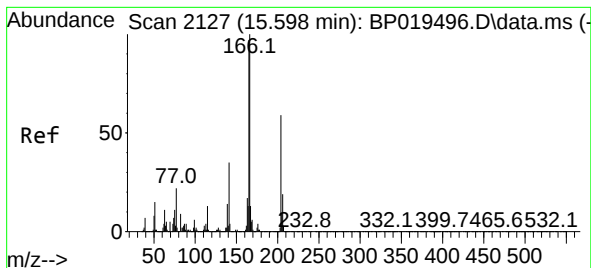
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#60
Diethylphthalate
Concen: 11.397 ng
RT: 15.380 min Scan# 2090
Delta R.T. -0.006 min
Lab File: BP019532.D
Acq: 02 Feb 2024 17:20

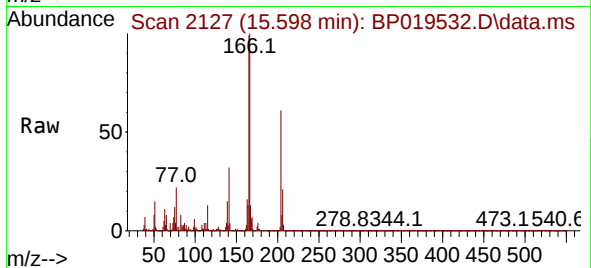
Tgt Ion:149 Resp: 178034
Ion Ratio Lower Upper
149 100
177 23.7 18.2 27.2
150 12.6 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 10.754 ng
RT: 15.598 min Scan# 2127
Delta R.T. -0.000 min
Lab File: BP019532.D
Acq: 02 Feb 2024 17:20

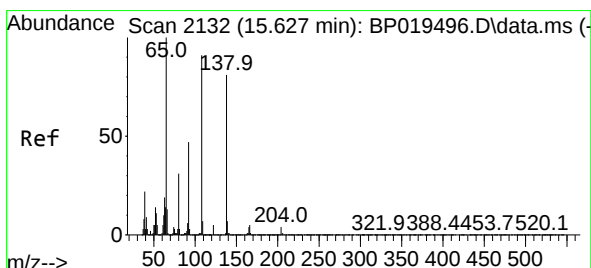
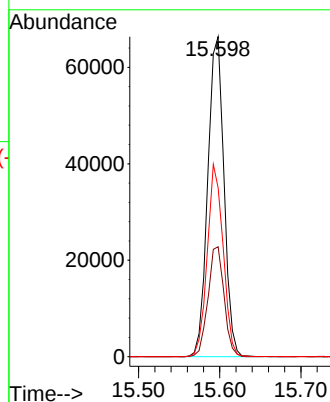
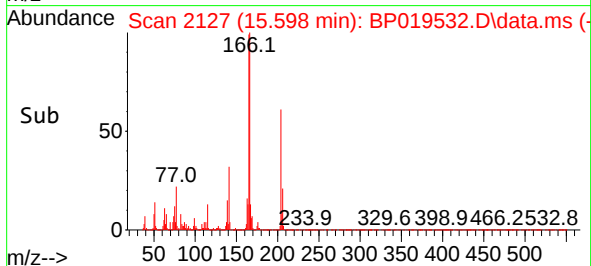
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2023



Tgt Ion:204 Resp: 91764
Ion Ratio Lower Upper
204 100
206 34.3 26.5 39.7
141 52.8 48.5 72.7

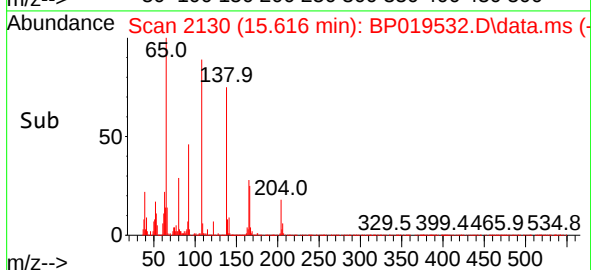
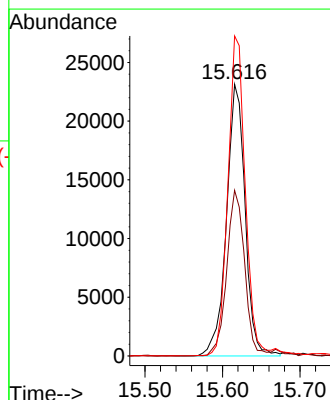
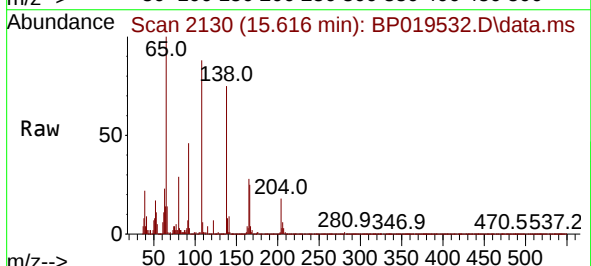
Manual Integrations
APPROVED

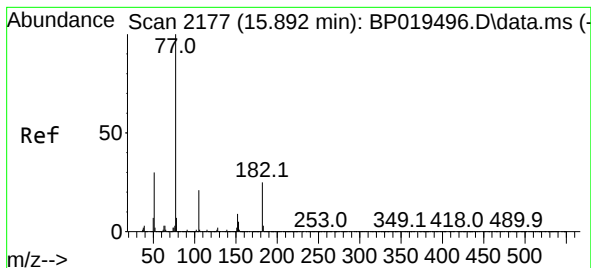
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#62
4-Nitroaniline
Concen: 11.672 ng
RT: 15.616 min Scan# 2130
Delta R.T. -0.012 min
Lab File: BP019532.D
Acq: 02 Feb 2024 17:20

Tgt Ion:138 Resp: 38797
Ion Ratio Lower Upper
138 100
92 61.0 38.3 78.3
108 117.8 91.2 131.2





#63

Azobenzene

Concen: 11.153 ng

RT: 15.892 min Scan# 2177

Delta R.T. -0.000 min

Lab File: BP019532.D

Acq: 02 Feb 2024 17:20

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT4-2023

Tgt Ion: 77 Resp: 168470

Ion Ratio Lower Upper

77 100

182 27.6 5.1 45.1

105 20.2 0.8 40.8

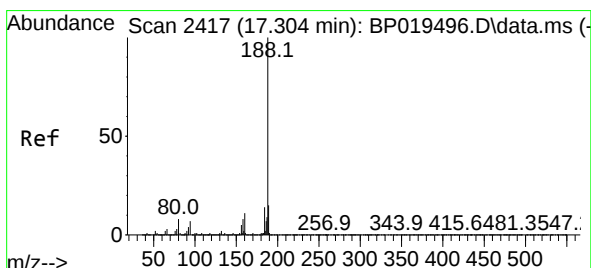
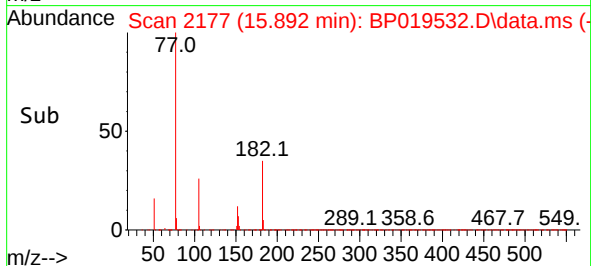
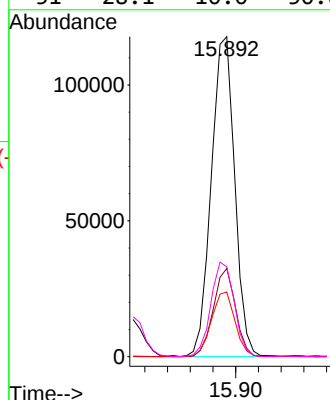
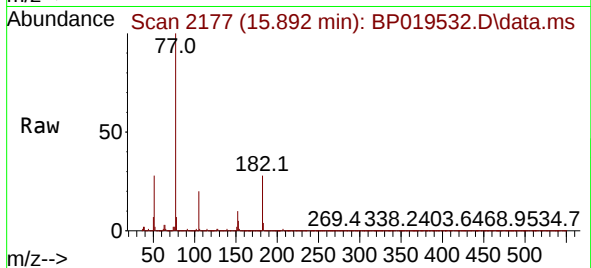
51 28.1 10.0 50.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/05/2024

Supervised By :mohammad ahmed 02/06/2024



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.298 min Scan# 2416

Delta R.T. -0.006 min

Lab File: BP019532.D

Acq: 02 Feb 2024 17:20

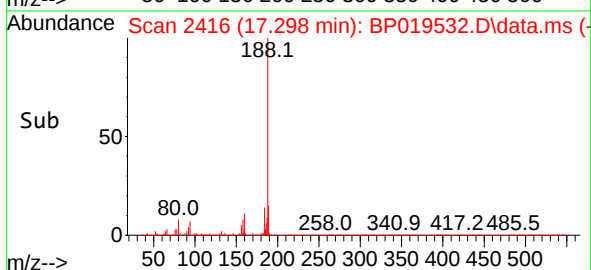
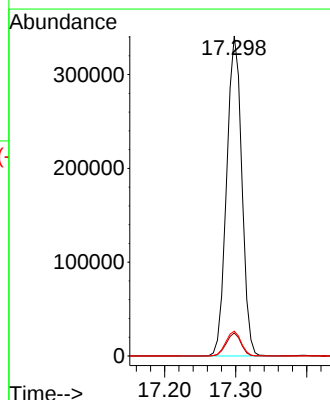
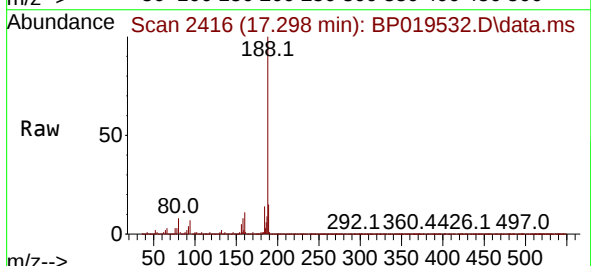
Tgt Ion:188 Resp: 504451

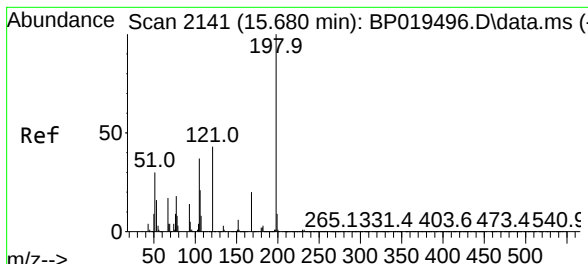
Ion Ratio Lower Upper

188 100

94 7.2 5.4 8.2

80 7.8 6.3 9.5



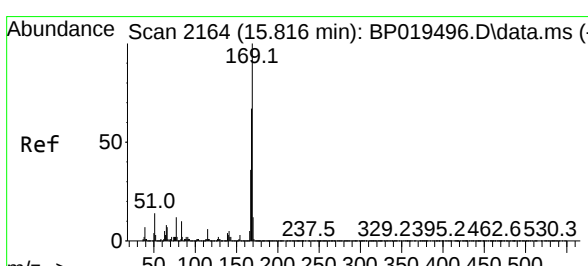
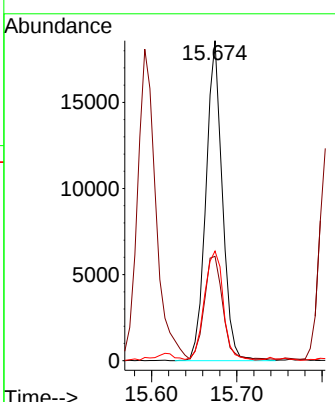
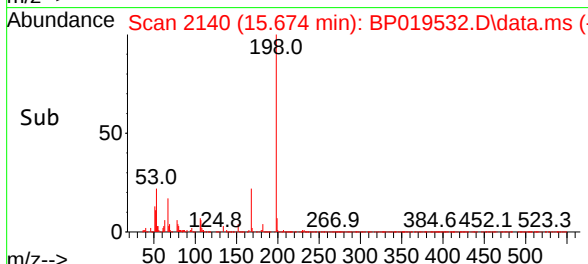
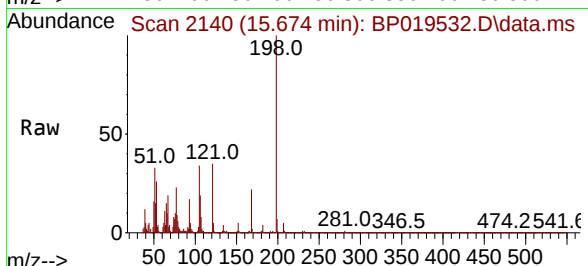


#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.619 ng
 RT: 15.674 min Scan# 2140
 Delta R.T. -0.006 min
 Lab File: BP019532.D
 Acq: 02 Feb 2024 17:20

Instrument : BNA_P
 ClientSampleId :
 LOQ-WATER-02-QT4-2023

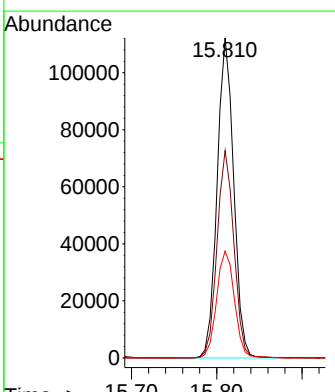
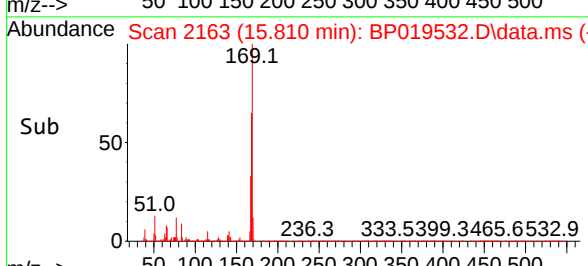
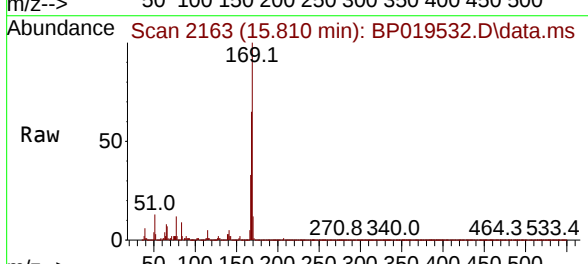
Tgt Ion:	198	Resp:	2479
Ion Ratio	Lower	Upper	
198	100		
51	32.6	21.2	61.2
105	34.3	19.1	59.1

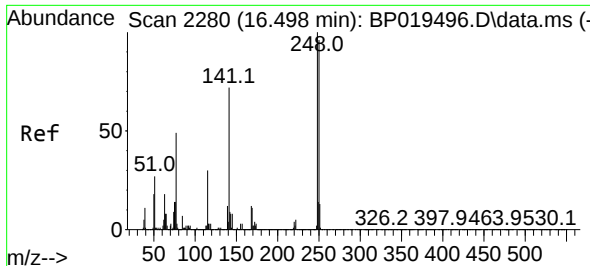
Manual Integrations
APPROVED
 Reviewed By :Jagrut Upadhyay 02/05/2024
 Supervised By :mohammad ahmed 02/06/2024



#66
 n-Nitrosodiphenylamine
 Concen: 10.005 ng
 RT: 15.810 min Scan# 2163
 Delta R.T. -0.006 min
 Lab File: BP019532.D
 Acq: 02 Feb 2024 17:20

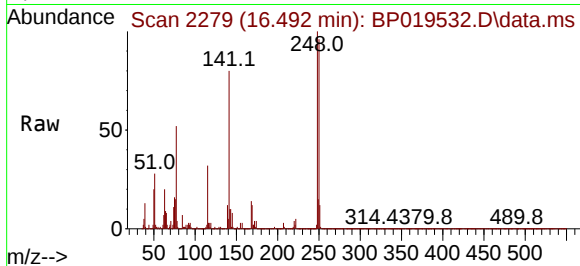
Tgt Ion:	169	Resp:	151156
Ion Ratio	Lower	Upper	
169	100		
168	64.8	53.4	80.2
167	33.4	28.9	43.3





#67
4-Bromophenyl-phenylether
Concen: 9.333 ng
RT: 16.492 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP019532.D
Acq: 02 Feb 2024 17:20

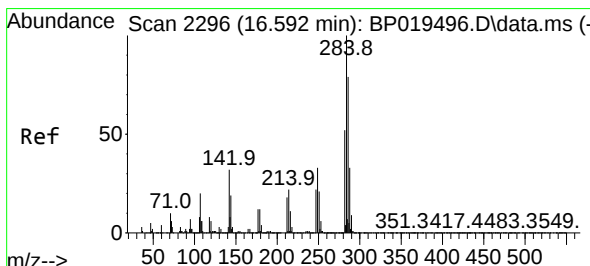
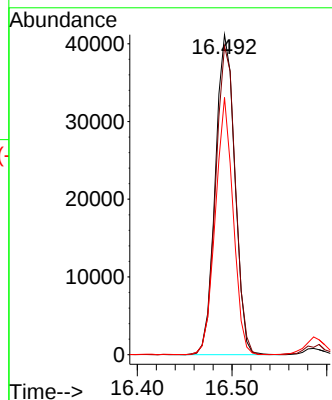
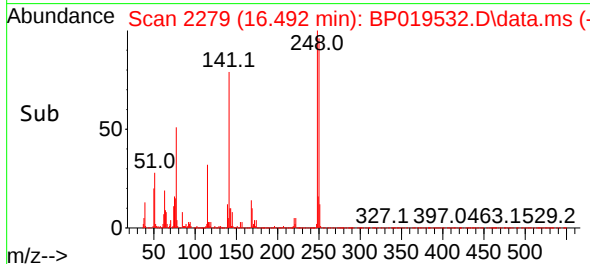
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2023



Tgt Ion:248 Resp: 5885
Ion Ratio Lower Upper
248 100
250 96.4 76.9 115.3
141 80.3 58.0 87.0

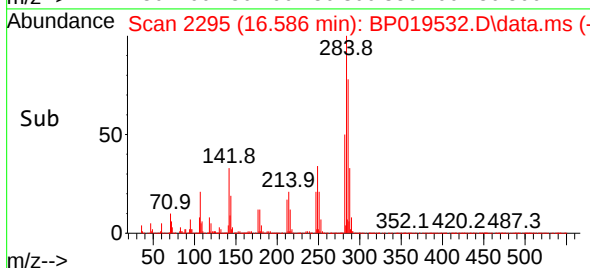
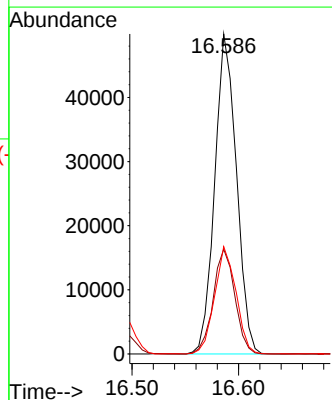
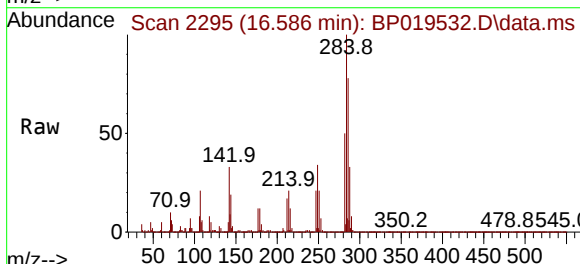
Manual Integrations
APPROVED

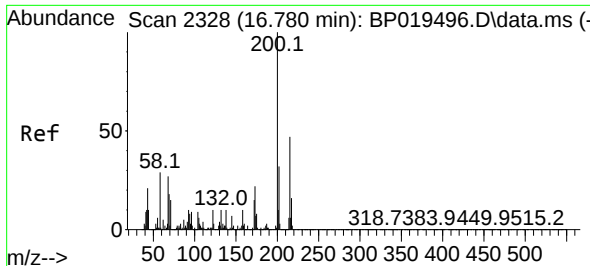
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#68
Hexachlorobenzene
Concen: 9.583 ng
RT: 16.586 min Scan# 2295
Delta R.T. -0.006 min
Lab File: BP019532.D
Acq: 02 Feb 2024 17:20

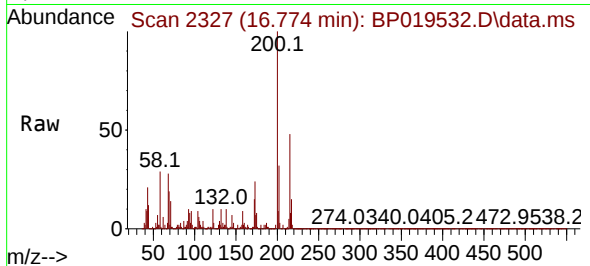
Tgt Ion:284 Resp: 70573
Ion Ratio Lower Upper
284 100
142 32.7 25.4 38.2
249 33.5 26.5 39.7





#69
Atrazine
Concen: 13.076 ng
RT: 16.774 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP019532.D
Acq: 02 Feb 2024 17:20

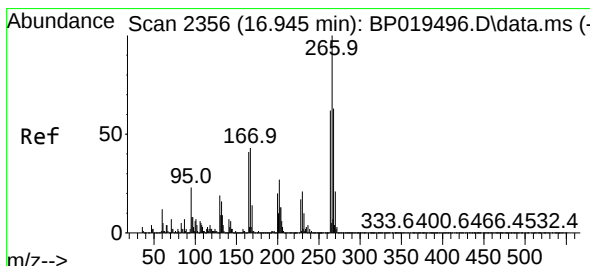
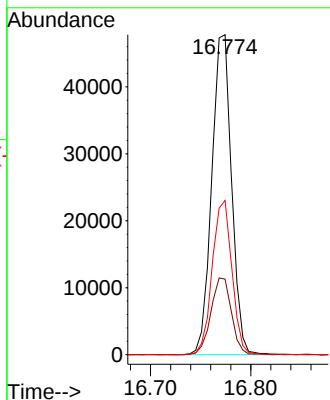
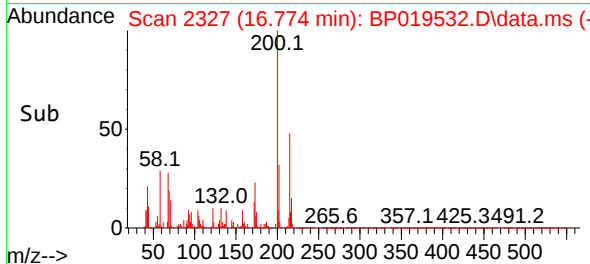
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2023



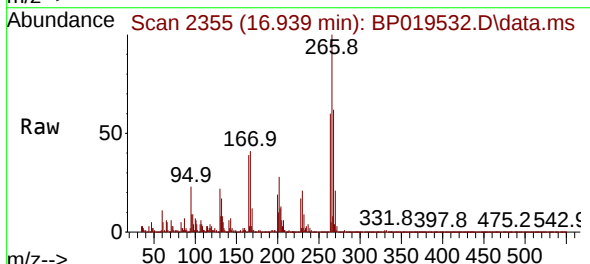
Tgt Ion:200 Resp: 65554
Ion Ratio Lower Upper
200 100
173 23.6 1.7 41.7
215 48.2 26.9 66.9

Manual Integrations
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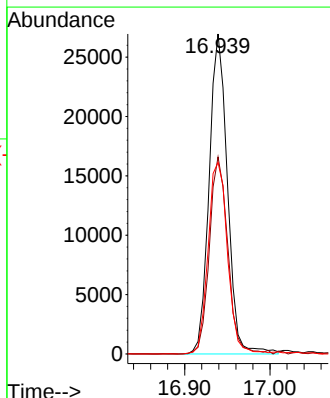
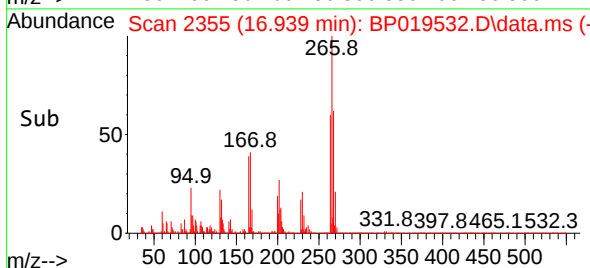
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024

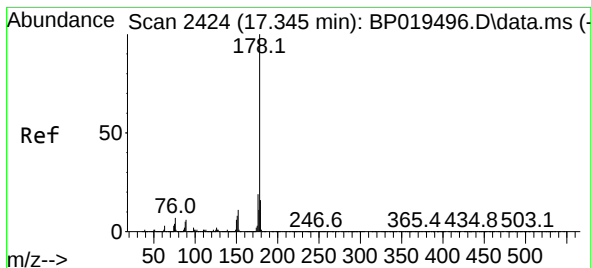


#70
Pentachlorophenol
Concen: 8.774 ng
RT: 16.939 min Scan# 2355
Delta R.T. -0.006 min
Lab File: BP019532.D
Acq: 02 Feb 2024 17:20



Tgt Ion:266 Resp: 40236
Ion Ratio Lower Upper
266 100
268 61.6 50.3 75.5
264 59.9 49.7 74.5





#71

Phenanthrene

Concen: 10.992 ng

RT: 17.339 min Scan# 2423

Delta R.T. -0.006 min

Lab File: BP019532.D

Acq: 02 Feb 2024 17:20

Instrument :

BNA_P

ClientSampleId :

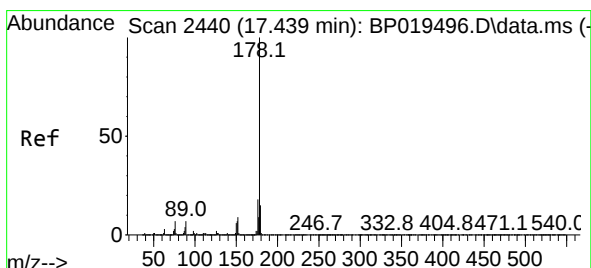
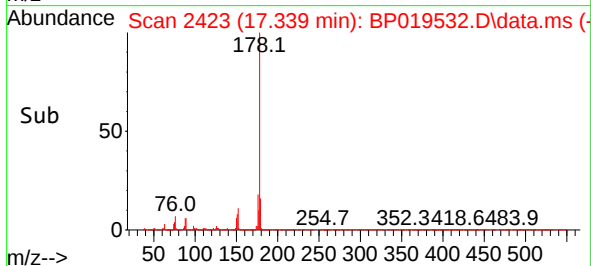
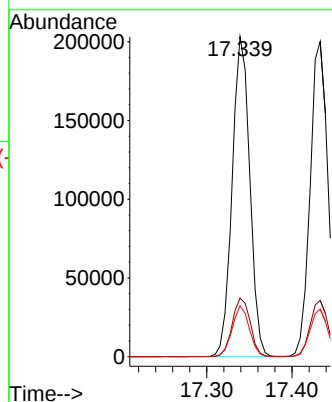
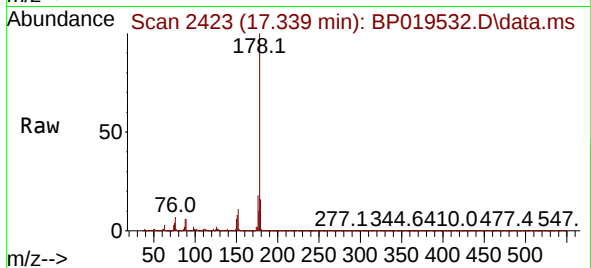
LOQ-WATER-02-QT4-2023

Tgt Ion:	178	Resp:	29182
Ion Ratio	Lower	Upper	
178	100		
176	18.3	15.5	23.3
179	15.9	12.6	19.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#72

Anthracene

Concen: 10.906 ng

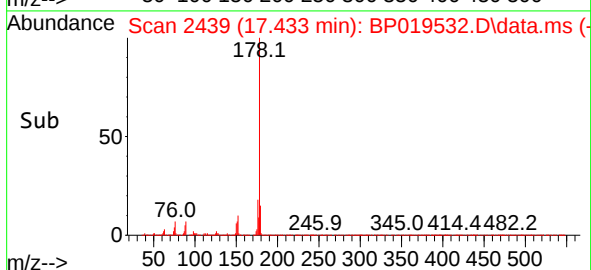
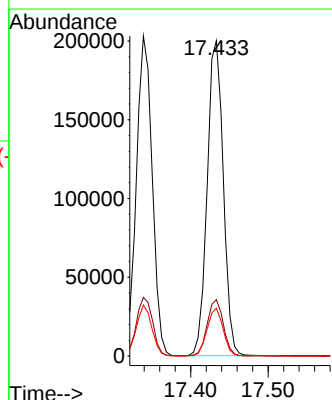
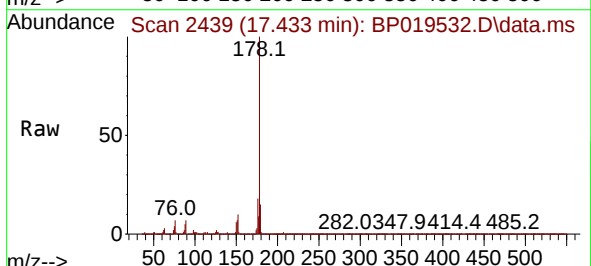
RT: 17.433 min Scan# 2439

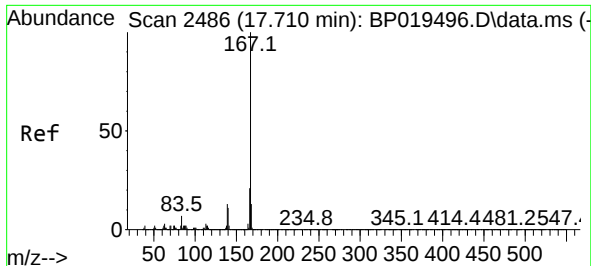
Delta R.T. -0.006 min

Lab File: BP019532.D

Acq: 02 Feb 2024 17:20

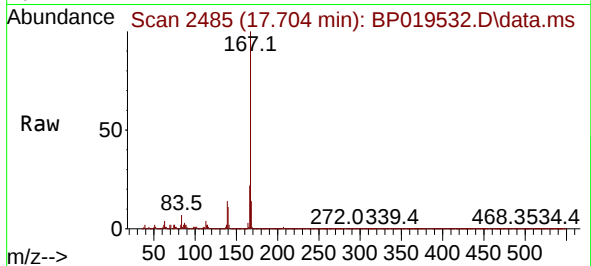
Tgt Ion:	178	Resp:	288819
Ion Ratio	Lower	Upper	
178	100		
176	17.9	14.7	22.1
179	15.1	12.2	18.2





#73
 Carbazole
 Concen: 10.959 ng
 RT: 17.704 min Scan# 2486
 Delta R.T. -0.006 min
 Lab File: BP019532.D
 Acq: 02 Feb 2024 17:20

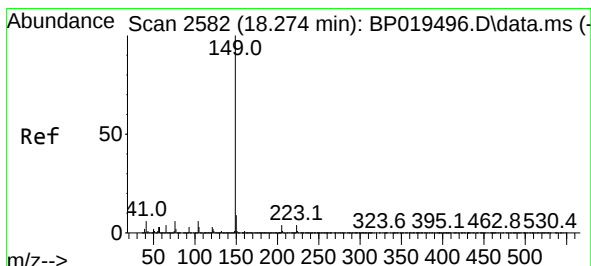
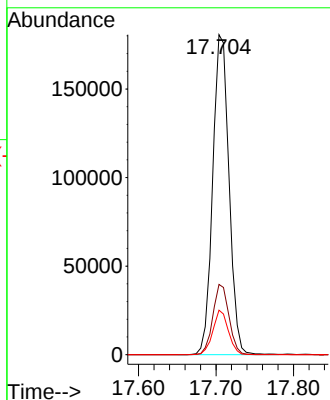
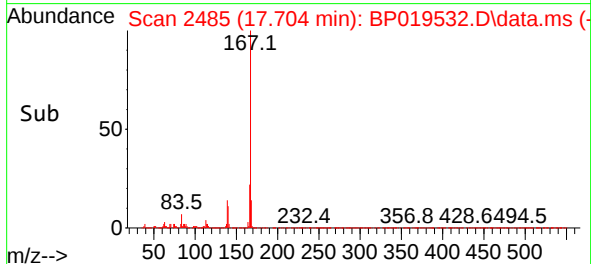
Instrument : BNA_P
 ClientSampleId :
 LOQ-WATER-02-QT4-2023



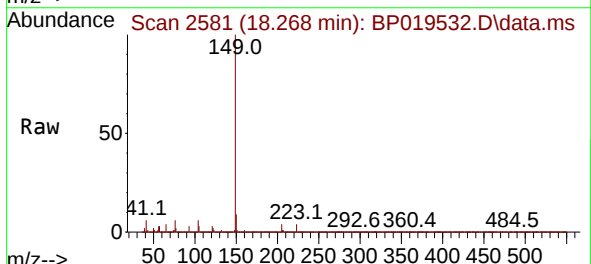
Tgt Ion:167 Resp: 263662
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.2 25.8
 139 13.9 10.6 15.8

Manual Integrations
 APPROVED

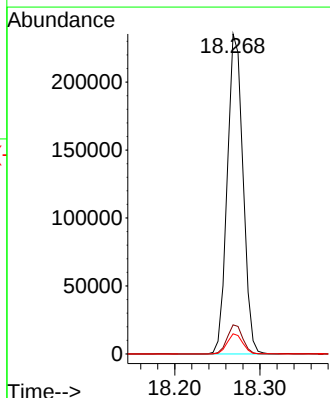
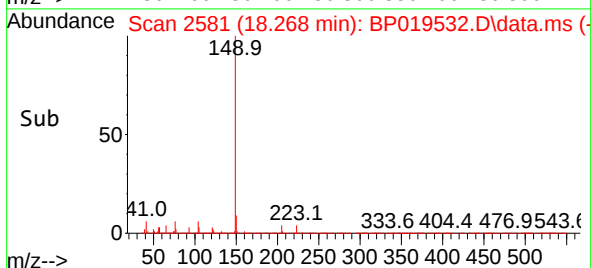
Reviewed By :Jagrut Upadhyay 02/05/2024
 Supervised By :mohammad ahmed 02/06/2024

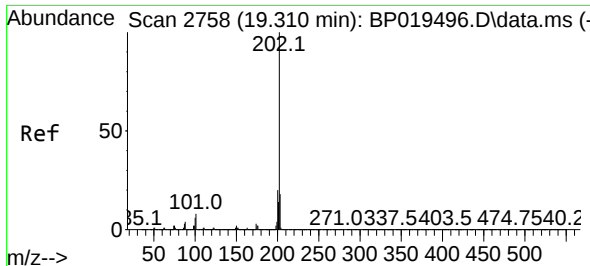


#74
 Di-n-butylphthalate
 Concen: 10.369 ng
 RT: 18.268 min Scan# 2581
 Delta R.T. -0.006 min
 Lab File: BP019532.D
 Acq: 02 Feb 2024 17:20



Tgt Ion:149 Resp: 301617
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.3 10.9
 104 6.3 4.8 7.2





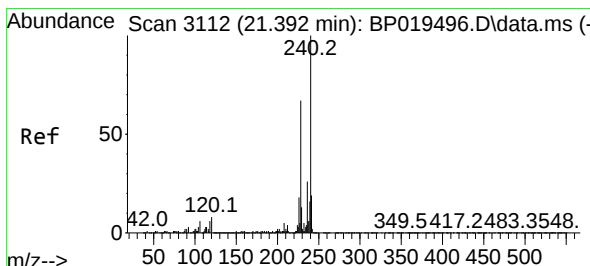
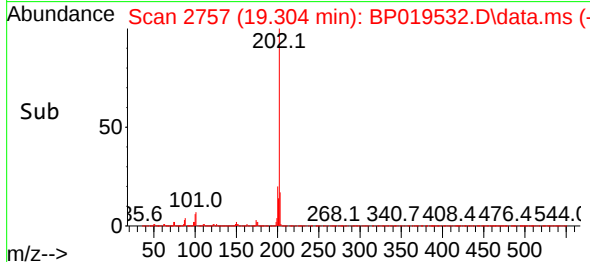
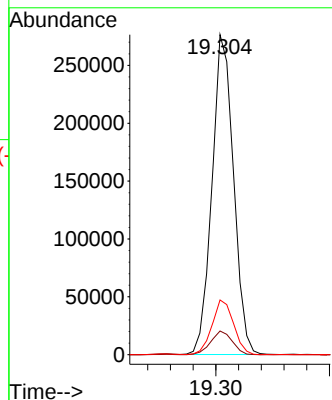
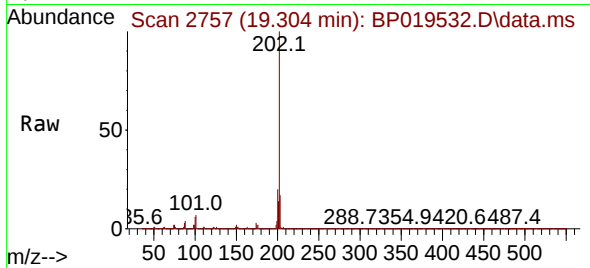
#75
Fluoranthene
Concen: 11.205 ng
RT: 19.304 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP019532.D
Acq: 02 Feb 2024 17:20

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2023

Tgt Ion:202 Resp: 36339
Ion Ratio Lower Upper
202 100
101 7.4 0.0 27.7
203 17.1 0.0 37.5

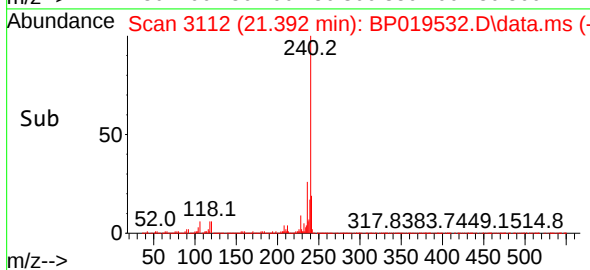
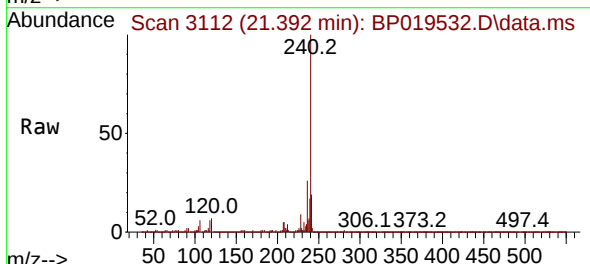
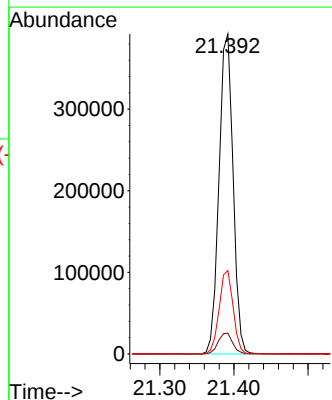
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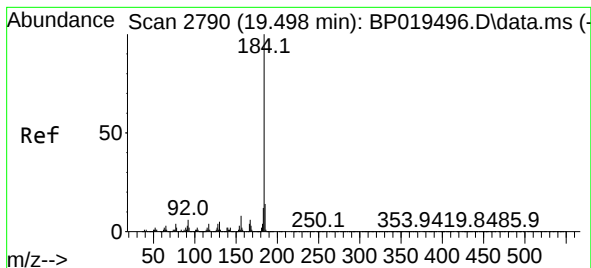
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.392 min Scan# 3112
Delta R.T. -0.000 min
Lab File: BP019532.D
Acq: 02 Feb 2024 17:20

Tgt Ion:240 Resp: 517541
Ion Ratio Lower Upper
240 100
120 6.5 6.1 9.1
236 26.1 20.7 31.1





#77

Benzidine

Concen: 17.245 ng

RT: 19.498 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP019532.D

Acq: 02 Feb 2024 17:20

Instrument :

BNA_P

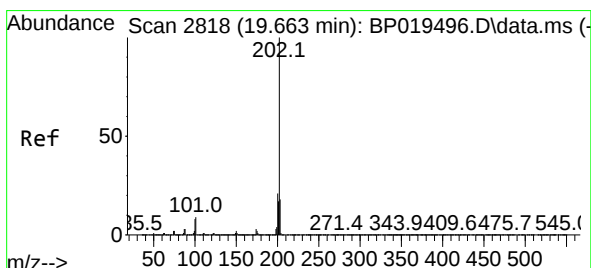
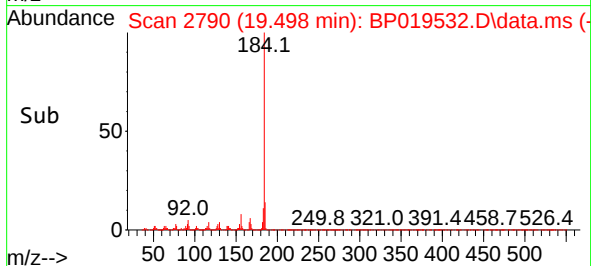
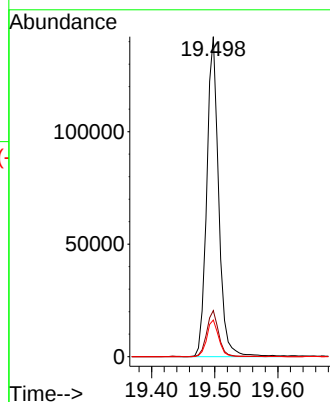
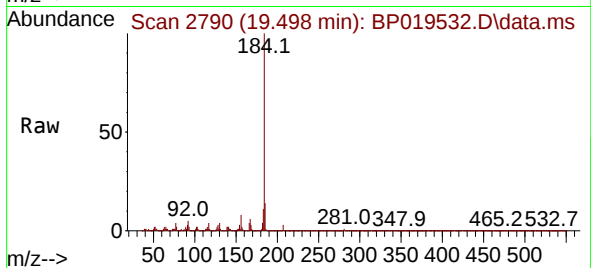
ClientSampleId :

LOQ-WATER-02-QT4-2023

Tgt Ion:	184	Resp:	18659
Ion Ratio	Lower	Upper	
184	100		
185	14.4	11.1	16.7
183	11.5	9.7	14.5

Manual Integrations
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Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#78

Pyrene

Concen: 10.507 ng

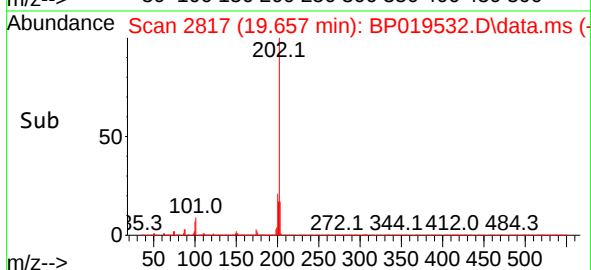
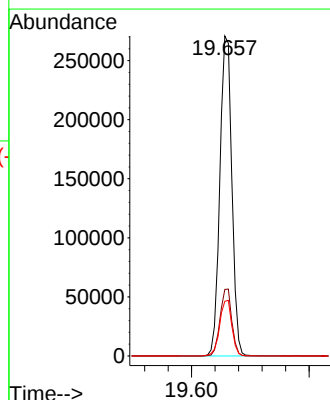
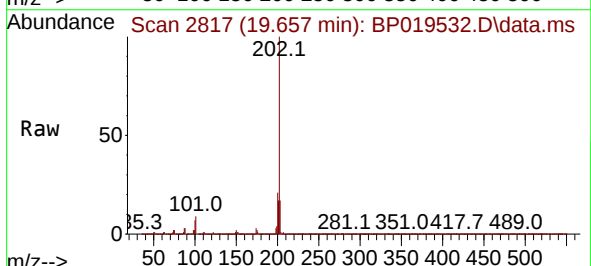
RT: 19.657 min Scan# 2817

Delta R.T. -0.006 min

Lab File: BP019532.D

Acq: 02 Feb 2024 17:20

Tgt Ion:	202	Resp:	383791
Ion Ratio	Lower	Upper	
202	100		
200	20.8	16.9	25.3
203	17.1	14.2	21.2





#79

Terphenyl-d14

Concen: 85.874 ng

RT: 19.868 min Scan# 2853

Delta R.T. -0.000 min

Lab File: BP019532.D

Acq: 02 Feb 2024 17:20

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT4-2023

Tgt Ion:244 Resp: 2702460

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

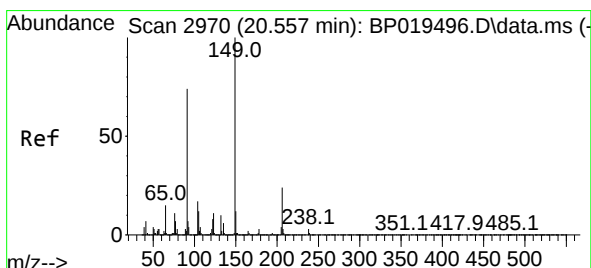
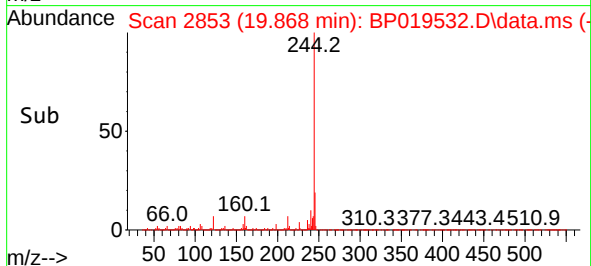
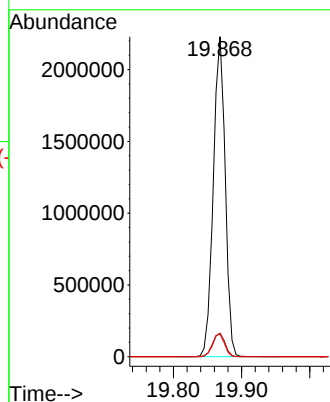
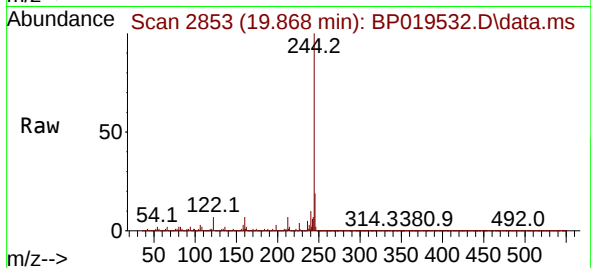
122 7.1 5.9 8.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/05/2024

Supervised By :mohammad ahmed 02/06/2024



#80

Butylbenzylphthalate

Concen: 9.874 ng

RT: 20.557 min Scan# 2970

Delta R.T. -0.000 min

Lab File: BP019532.D

Acq: 02 Feb 2024 17:20

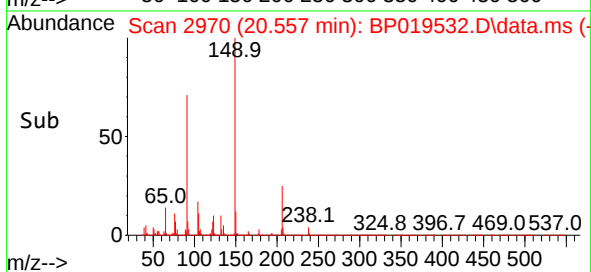
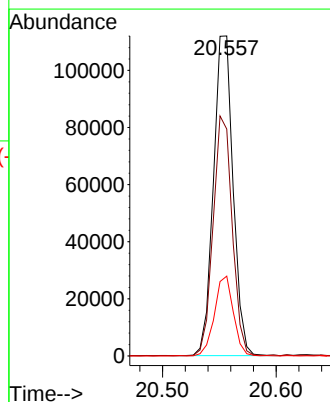
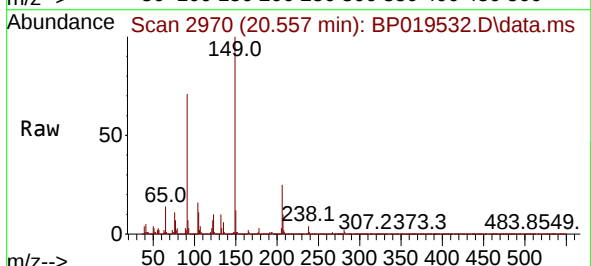
Tgt Ion:149 Resp: 134685

Ion Ratio Lower Upper

149 100

91 70.9 59.4 89.0

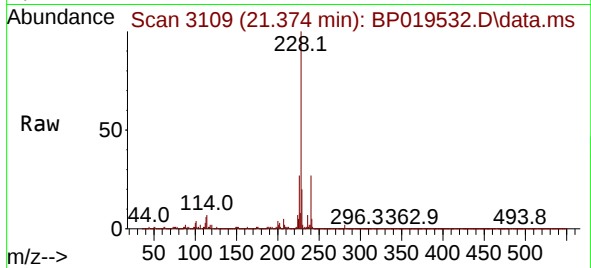
206 25.0 19.0 28.6





#81
Benzo(a)anthracene
Concen: 10.540 ng
RT: 21.374 min Scan# 3110
Delta R.T. -0.006 min
Lab File: BP019532.D
Acq: 02 Feb 2024 17:20

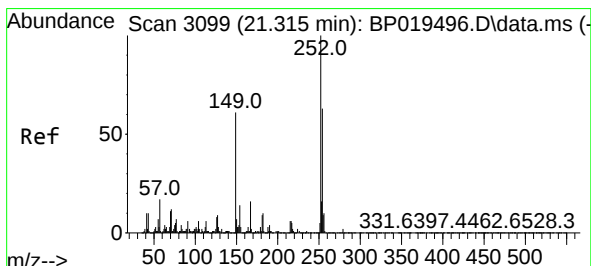
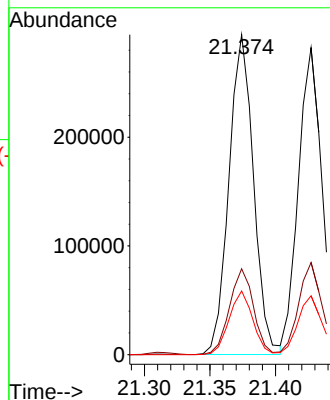
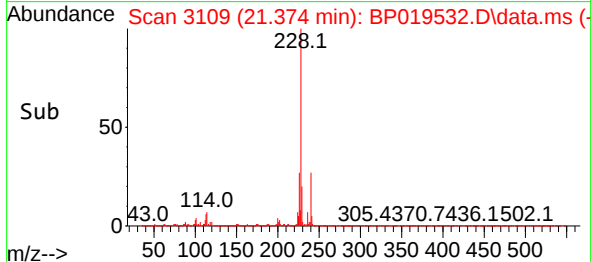
Instrument : BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2023



Tgt Ion:228 Resp: 383970
Ion Ratio Lower Upper
228 100
226 26.9 21.7 32.5
229 19.9 15.6 23.4

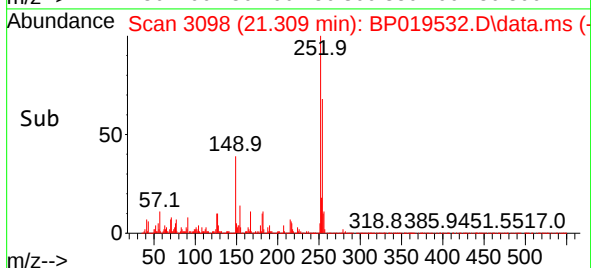
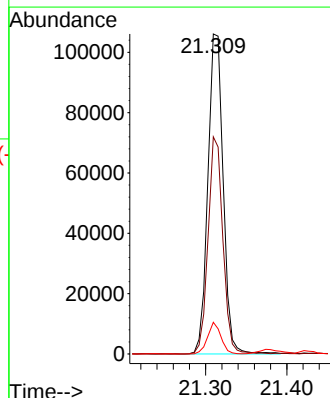
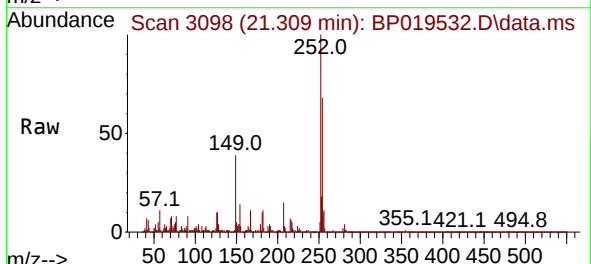
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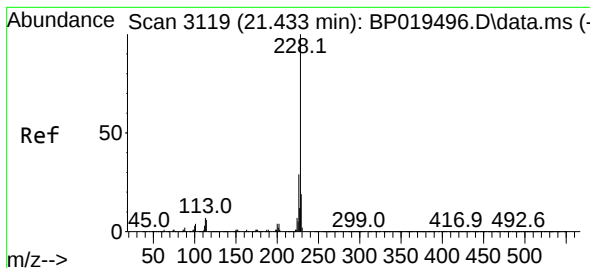
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#82
3,3'-Dichlorobenzidine
Concen: 10.426 ng
RT: 21.309 min Scan# 3098
Delta R.T. -0.006 min
Lab File: BP019532.D
Acq: 02 Feb 2024 17:20

Tgt Ion:252 Resp: 138414
Ion Ratio Lower Upper
252 100
254 67.8 50.7 76.1
126 9.9 6.4 9.6





#83

Chrysene

Concen: 10.204 ng

RT: 21.427 min Scan# 3119

Delta R.T. -0.006 min

Lab File: BP019532.D

Acq: 02 Feb 2024 17:20

Instrument :

BNA_P

ClientSampleId :

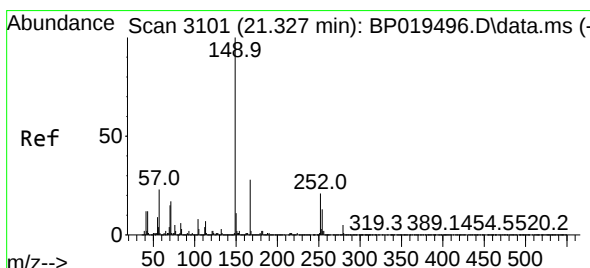
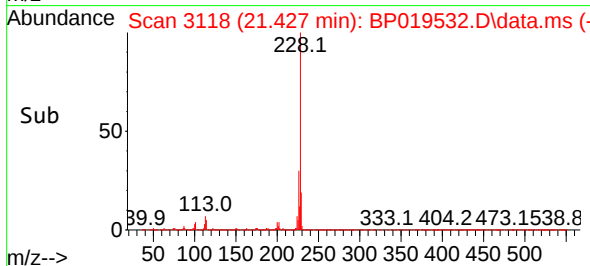
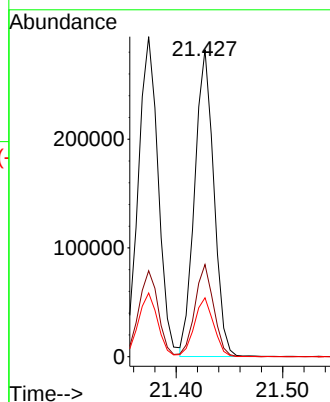
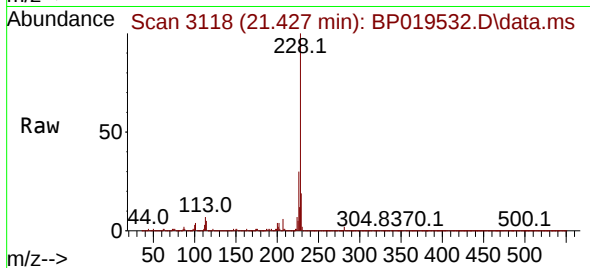
LOQ-WATER-02-QT4-2023

Tgt Ion:	228	Resp:	35294
Ion Ratio	Lower	Upper	
228	100		
226	30.0	23.4	35.2
229	19.2	15.6	23.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 9.358 ng

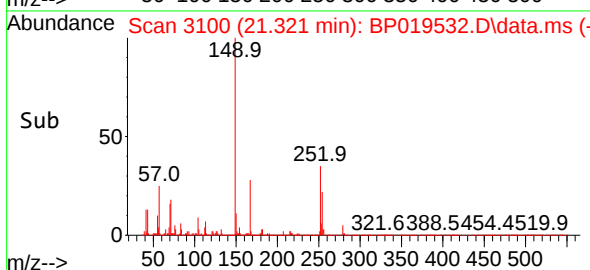
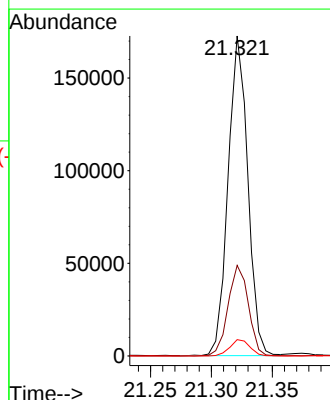
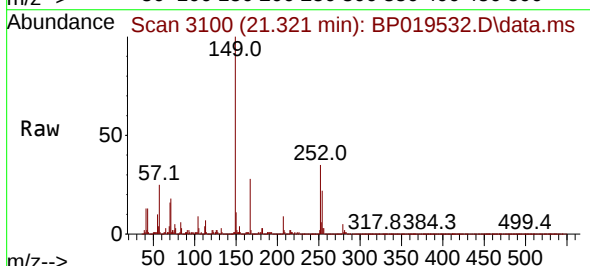
RT: 21.321 min Scan# 3100

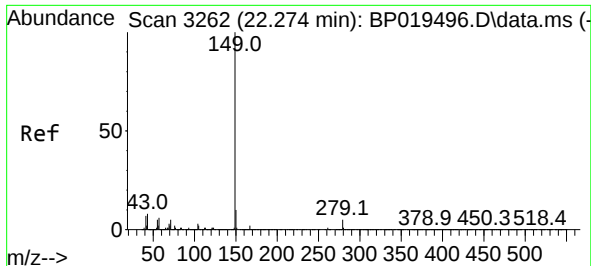
Delta R.T. -0.006 min

Lab File: BP019532.D

Acq: 02 Feb 2024 17:20

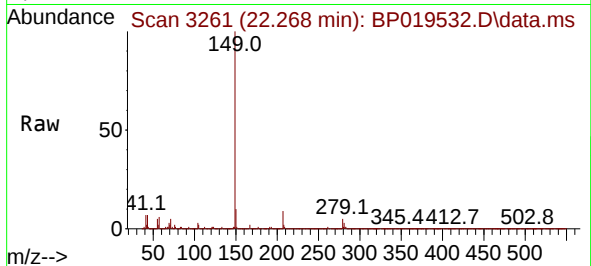
Tgt Ion:	149	Resp:	194382
Ion Ratio	Lower	Upper	
149	100		
167	28.3	22.7	34.1
279	5.1	4.2	6.2





#85
Di-n-octyl phthalate
Concen: 8.589 ng
RT: 22.268 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP019532.D
Acq: 02 Feb 2024 17:20

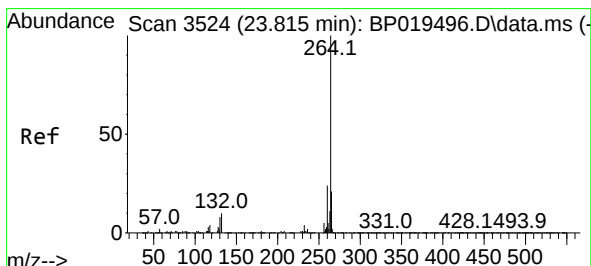
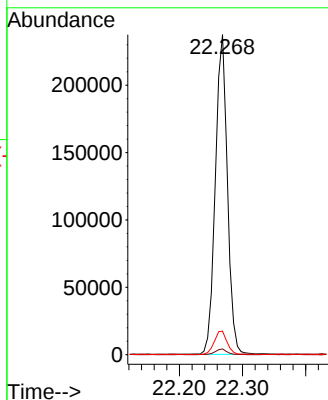
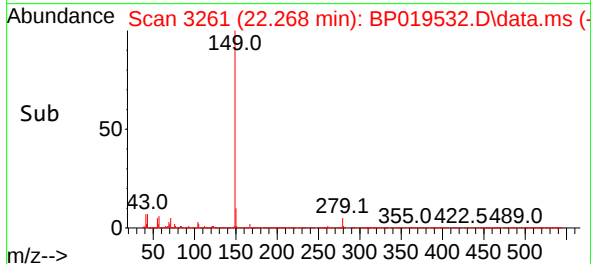
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2023



Tgt Ion:149 Resp: 31388
Ion Ratio Lower Upper
149 100
167 1.8 1.3 1.9
43 7.8 6.3 9.5

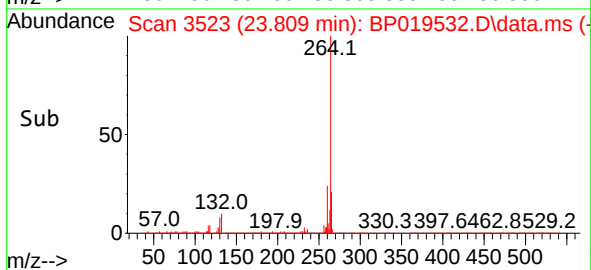
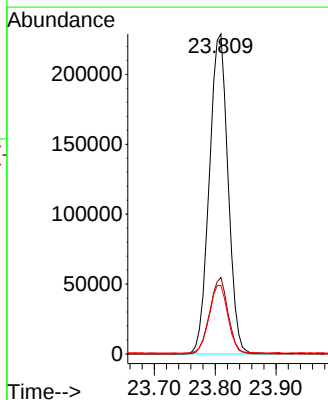
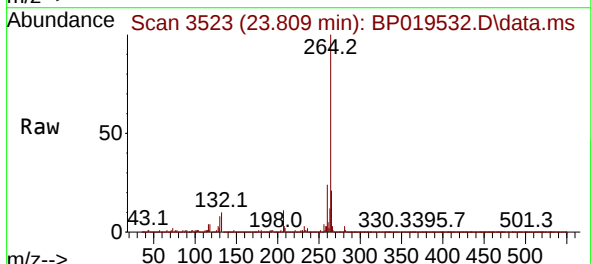
Manual Integrations
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Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.809 min Scan# 3523
Delta R.T. -0.006 min
Lab File: BP019532.D
Acq: 02 Feb 2024 17:20

Tgt Ion:264 Resp: 488621
Ion Ratio Lower Upper
264 100
260 23.9 19.2 28.8
265 21.4 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 8.363 ng

RT: 26.327 min Scan# 3951

Delta R.T. -0.018 min

Lab File: BP019532.D

Acq: 02 Feb 2024 17:20

Instrument :

BNA_P

ClientSampleId :

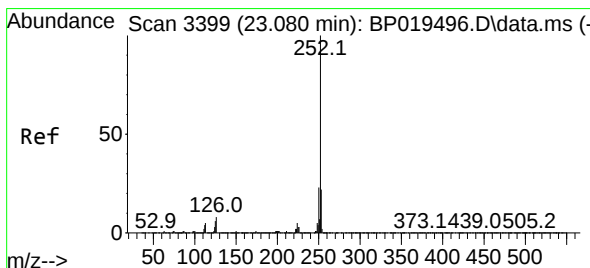
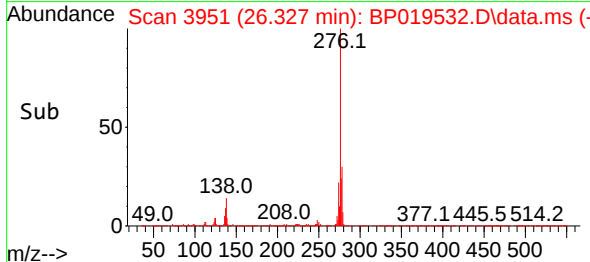
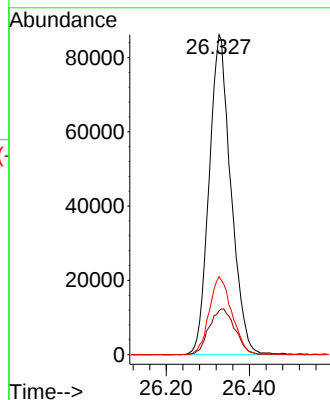
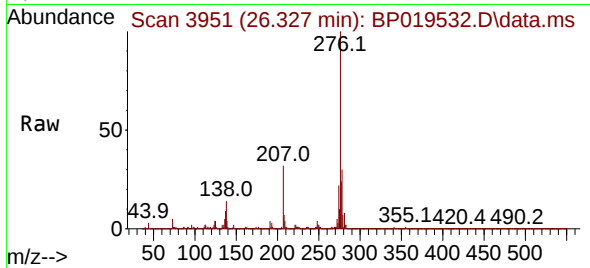
LOQ-WATER-02-QT4-2023

Tgt Ion:	276	Resp:	31278
Ion Ratio	Lower	Upper	
276	100		
138	17.0	13.1	19.7
277	25.4	20.3	30.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#88

Benzo(b)fluoranthene

Concen: 10.947 ng

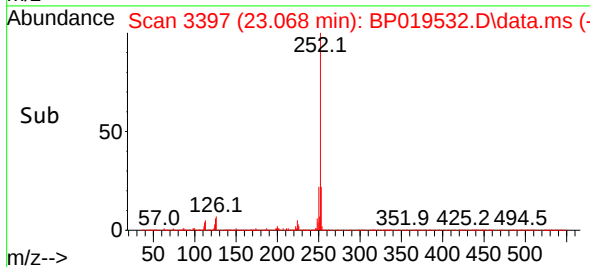
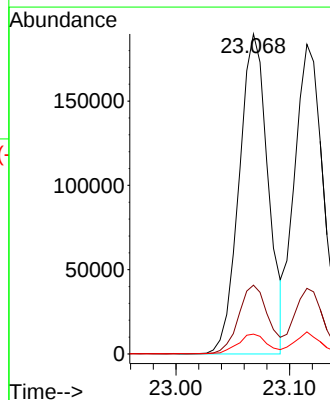
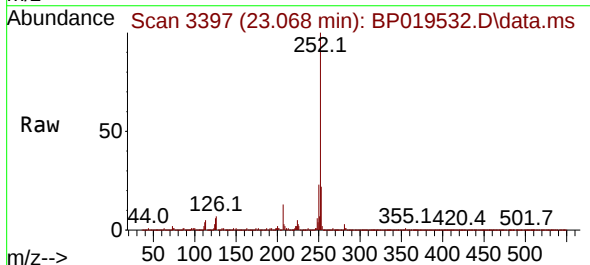
RT: 23.068 min Scan# 3397

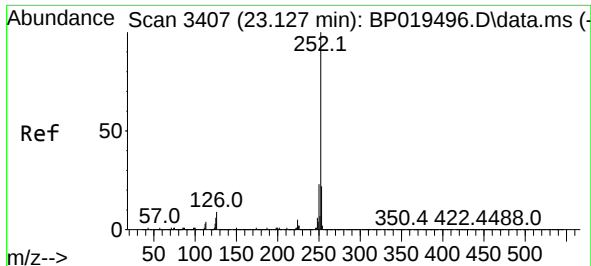
Delta R.T. -0.012 min

Lab File: BP019532.D

Acq: 02 Feb 2024 17:20

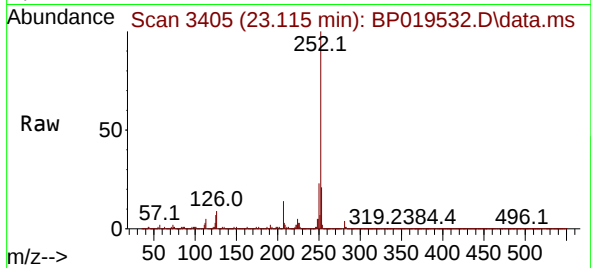
Tgt Ion:	252	Resp:	337122
Ion Ratio	Lower	Upper	
252	100		
253	21.5	17.3	25.9
125	6.2	4.9	7.3





#89
Benzo(k)fluoranthene
Concen: 10.947 ng
RT: 23.115 min Scan# 3405
Delta R.T. -0.012 min
Lab File: BP019532.D
Acq: 02 Feb 2024 17:20

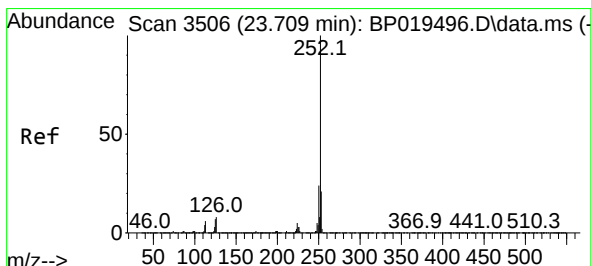
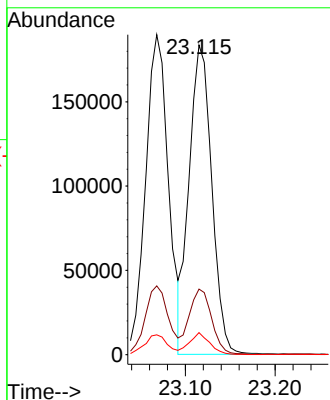
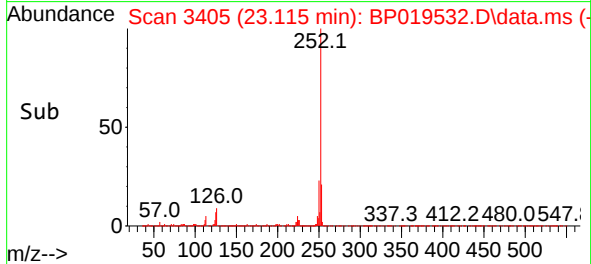
Instrument : BNA_P
ClientSampleId : LOQ-WATER-02-QT4-2023



Tgt Ion:252 Resp: 322040
Ion Ratio Lower Upper
252 100
253 21.2 17.1 25.7
125 7.1 5.0 7.6

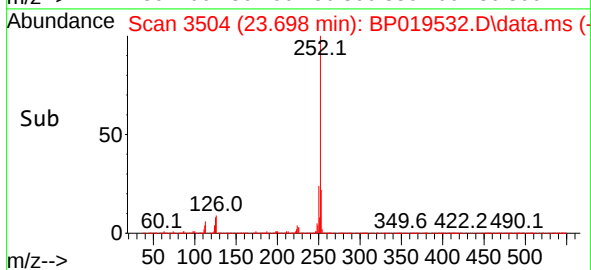
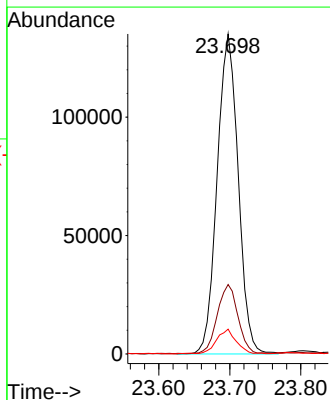
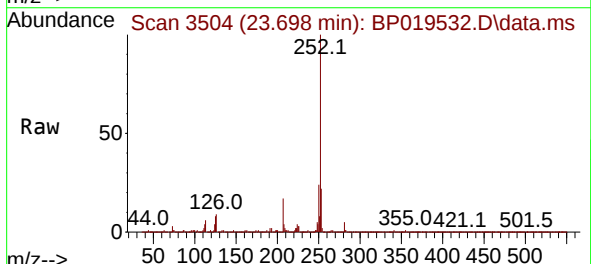
Manual Integrations
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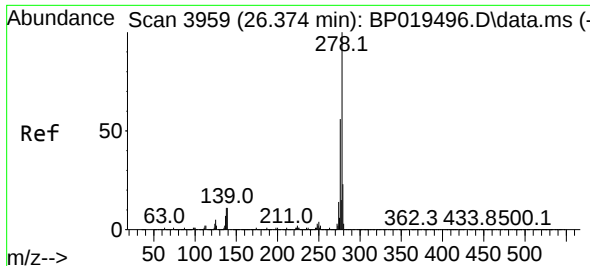
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#90
Benzo(a)pyrene
Concen: 10.126 ng
RT: 23.698 min Scan# 3504
Delta R.T. -0.012 min
Lab File: BP019532.D
Acq: 02 Feb 2024 17:20

Tgt Ion:252 Resp: 277456
Ion Ratio Lower Upper
252 100
253 21.7 17.1 25.7
125 7.8 5.6 8.4





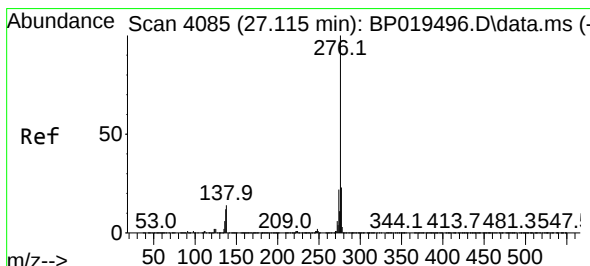
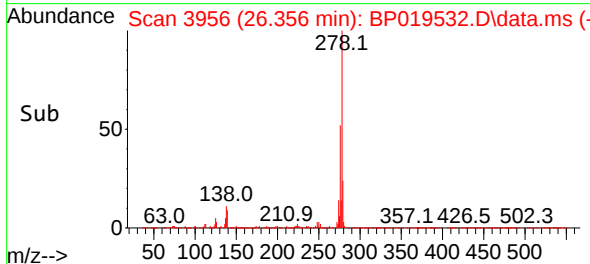
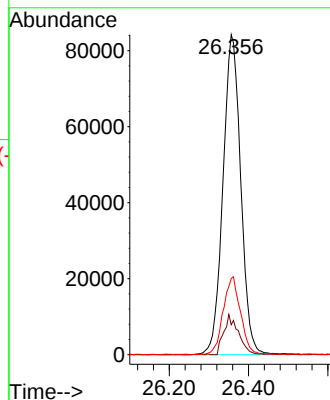
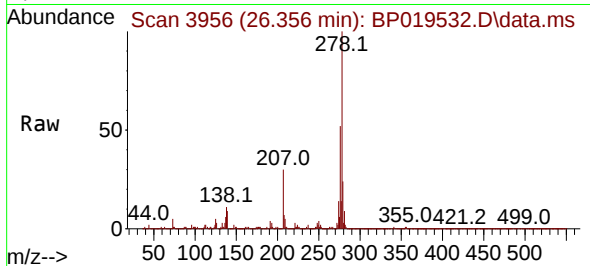
#91
Dibenzo(a,h)anthracene
Concen: 8.518 ng
RT: 26.356 min Scan# 3959
Delta R.T. -0.018 min
Lab File: BP019532.D
Acq: 02 Feb 2024 17:20

Instrument : BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2023

Tgt Ion: 278 Resp: 26202
Ion Ratio Lower Upper
278 100
139 9.4 8.6 12.8
279 23.8 18.5 27.7

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#92
Benzo(g,h,i)perylene
Concen: 8.061 ng
RT: 27.097 min Scan# 4082
Delta R.T. -0.018 min
Lab File: BP019532.D
Acq: 02 Feb 2024 17:20

Tgt Ion: 276 Resp: 251555
Ion Ratio Lower Upper
276 100
277 23.2 18.6 28.0
138 13.5 10.9 16.3

