

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020624\
 Data File : BP019570.D
 Acq On : 06 Feb 2024 13:04
 Operator : MA/JU
 Sample : 04699-09
 Misc : MDL-MDL-WATER-4PPM
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-03-QT4-2023

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2024
 Supervised By :mohammad ahmed 02/08/2024

Quant Time: Feb 07 01:37:38 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	69436	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	294902	20.000	ng	-0.01
39) Acenaphthene-d10	14.539	164	220731	20.000	ng	-0.01
64) Phenanthrene-d10	17.298	188	516785	20.000	ng	0.00
76) Chrysene-d12	21.386	240	443676	20.000	ng	0.00
86) Perylene-d12	23.804	264	469721	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	564910	131.141	ng	0.00
7) Phenol-d6	7.075	99	766231	131.920	ng	-0.01
23) Nitrobenzene-d5	9.075	82	532875	78.298	ng	-0.01
42) 2,4,6-Tribromophenol	16.033	330	486768	151.037	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	1360082	76.173	ng	-0.01
79) Terphenyl-d14	19.863	244	2419586	89.685	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.387	88	7572	4.562	ng	96
3) Pyridine	3.793	79	16471	3.661	ng	# 90
4) n-Nitrosodimethylamine	3.711	42	7626	3.893	ng	# 94
6) Aniline	7.240	93	26684	4.728	ng	99
8) 2-Chlorophenol	7.469	128	16801	3.799	ng	97
9) Benzaldehyde	7.057	77	18982	4.661	ng	95
10) Phenol	7.099	94	23468	4.054	ng	84
11) bis(2-Chloroethyl)ether	7.346	93	18330	4.070	ng	98
12) 1,3-Dichlorobenzene	7.793	146	20517	3.791	ng	97
13) 1,4-Dichlorobenzene	7.946	146	20843	3.802	ng	97
14) 1,2-Dichlorobenzene	8.257	146	20362	3.838	ng	96
15) Benzyl Alcohol	8.152	79	18599	4.008	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.446	45	19494	4.328	ng	90
17) 2-Methylphenol	8.352	107	15620	4.008	ng	99
18) Hexachloroethane	8.981	117	8182	3.850	ng	94
19) n-Nitroso-di-n-propyla...	8.722	70	17773	4.480	ng	99
20) 3+4-Methylphenols	8.681	107	20493	3.853	ng	96
22) Acetophenone	8.734	105	33629	4.003	ng	# 97
24) Nitrobenzene	9.116	77	25721	3.754	ng	99
25) Isophorone	9.640	82	47465	4.005	ng	99
26) 2-Nitrophenol	9.828	139	8396	3.213	ng	92
27) 2,4-Dimethylphenol	9.887	122	14699	4.400	ng	91
28) bis(2-Chloroethoxy)met...	10.134	93	26793	3.995	ng	97
29) 2,4-Dichlorophenol	10.357	162	17321	3.430	ng	97
30) 1,2,4-Trichlorobenzene	10.569	180	21978	3.549	ng	# 88
31) Naphthalene	10.757	128	61637	3.811	ng	98
32) Benzoic acid	9.946	122	8345	2.564	ng	91
33) 4-Chloroaniline	10.881	127	25908	4.331	ng	96
34) Hexachlorobutadiene	11.034	225	16425	3.579	ng	98
35) Caprolactam	11.651	113	5994	4.192	ng	90
36) 4-Chloro-3-methylphenol	11.993	107	20852	3.787	ng	97
37) 2-Methylnaphthalene	12.369	142	44301	3.958	ng	98
38) 1-Methylnaphthalene	12.587	142	42764m	3.888	ng	
40) 1,2,4,5-Tetrachloroben...	12.728	216	30823	3.621	ng	98
41) Hexachlorocyclopentadiene	12.698	237	15119	3.931	ng	91
43) 2,4,6-Trichlorophenol	12.975	196	17242	3.345	ng	90

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Instrument :
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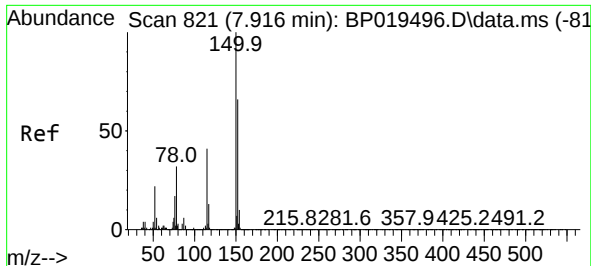
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.040	196	17954	3.172	ng	98
46) 1,1'-Biphenyl	13.381	154	65983	3.745	ng	99
47) 2-Chloronaphthalene	13.416	162	51011	3.527	ng	99
48) 2-Nitroaniline	13.628	65	13230	3.272	ng	97
49) Acenaphthylene	14.263	152	80952	3.990	ng	100
50) Dimethylphthalate	14.010	163	68982	4.082	ng	97
51) 2,6-Dinitrotoluene	14.128	165	12954	3.489	ng	90
52) Acenaphthene	14.604	154	47586	3.779	ng	99
53) 3-Nitroaniline	14.457	138	11745	3.442	ng	98
54) 2,4-Dinitrophenol	14.663	184	5489	2.848	ng	# 76
55) Dibenzofuran	14.939	168	81731	3.985	ng	99
56) 4-Nitrophenol	14.757	139	8518	3.046	ng	97
57) 2,4-Dinitrotoluene	14.910	165	16175	3.325	ng	91
58) Fluorene	15.592	166	64976	3.978	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.163	232	18017	3.784	ng	97
60) Diethylphthalate	15.375	149	67676	4.027	ng	99
61) 4-Chlorophenyl-phenyle...	15.592	204	36919	4.021	ng	95
62) 4-Nitroaniline	15.616	138	11451	3.202	ng	93
63) Azobenzene	15.886	77	62272	3.831	ng	99
65) 4,6-Dinitro-2-methylph...	15.669	198	7926	2.690	ng	95
66) n-Nitrosodiphenylamine	15.810	169	56034	3.620	ng	97
67) 4-Bromophenyl-phenylether	16.492	248	22261	3.446	ng	95
68) Hexachlorobenzene	16.586	284	27530	3.649	ng	98
69) Atrazine	16.769	200	21856	4.256	ng	96
70) Pentachlorophenol	16.939	266	12424	2.644	ng	95
71) Phenanthrene	17.333	178	107946	3.969	ng	98
72) Anthracene	17.427	178	101280	3.733	ng	99
73) Carbazole	17.704	167	87355	3.544	ng	99
74) Di-n-butylphthalate	18.269	149	100537	3.374	ng	99
75) Fluoranthene	19.304	202	119843	3.607	ng	99
77) Benzidine	19.498	184	43734	4.715	ng	99
78) Pyrene	19.657	202	124450	3.974	ng	98
80) Butylbenzylphthalate	20.551	149	37122	3.175	ng	93
81) Benzo(a)anthracene	21.368	228	119770	3.835	ng	98
82) 3,3'-Dichlorobenzidine	21.310	252	37586	3.303	ng	99
83) Chrysene	21.421	228	108018	3.643	ng	98
84) Bis(2-ethylhexyl)phtha...	21.321	149	55342	3.108	ng	98
85) Di-n-octyl phthalate	22.263	149	79416	2.535	ng	100
87) Indeno(1,2,3-cd)pyrene	26.327	276	121999	3.393	ng	99
88) Benzo(b)fluoranthene	23.063	252	108284	3.658	ng	# 96
89) Benzo(k)fluoranthene	23.115	252	98719	3.491	ng	# 99
90) Benzo(a)pyrene	23.692	252	90890	3.451	ng	100
91) Dibenzo(a,h)anthracene	26.351	278	101966	3.448	ng	100
92) Benzo(g,h,i)perylene	27.098	276	97368	3.246	ng	# 94

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



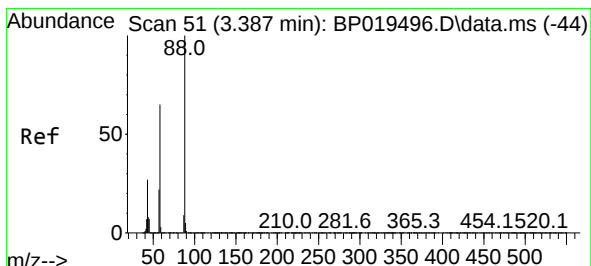
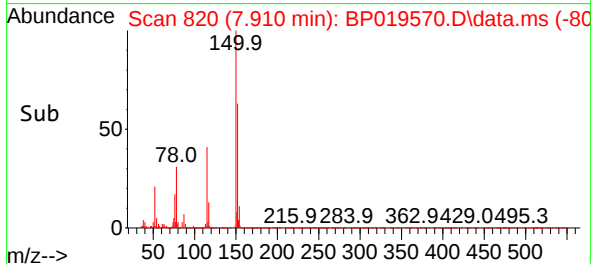
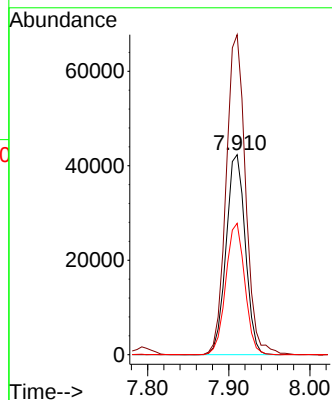
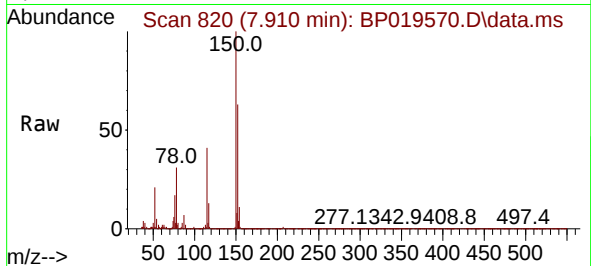
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.910 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP019570.D
Acq: 06 Feb 2024 13:04

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2023

Tgt Ion:152 Resp: 69430
Ion Ratio Lower Upper
152 100
150 160.0 121.8 182.8
115 65.7 49.9 74.9

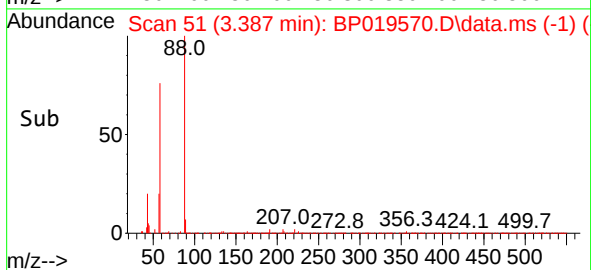
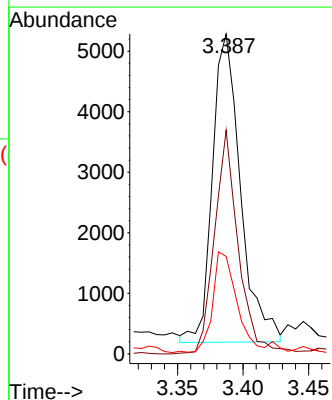
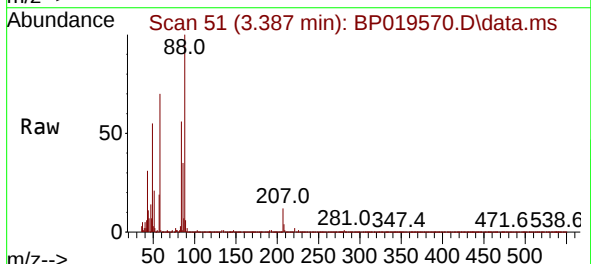
Manual Integrations
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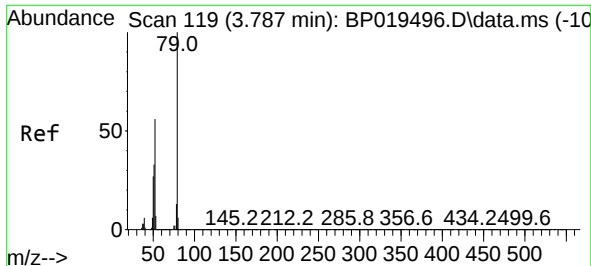
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#2
1,4-Dioxane
Concen: 4.562 ng
RT: 3.387 min Scan# 51
Delta R.T. 0.000 min
Lab File: BP019570.D
Acq: 06 Feb 2024 13:04

Tgt Ion: 88 Resp: 7572
Ion Ratio Lower Upper
88 100
58 61.7 52.6 78.8
43 27.7 21.9 32.9





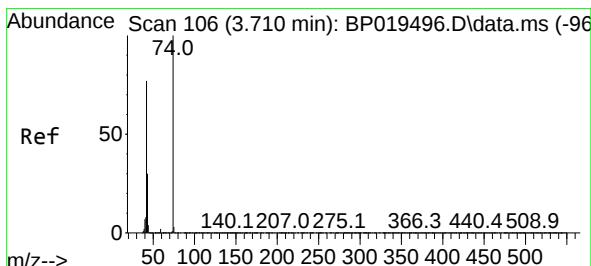
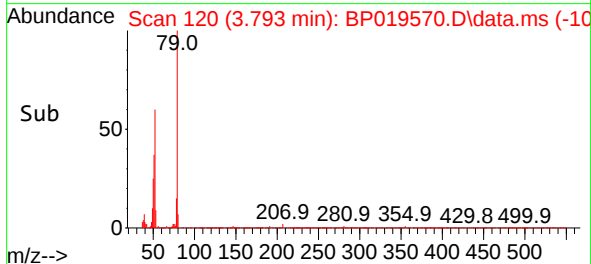
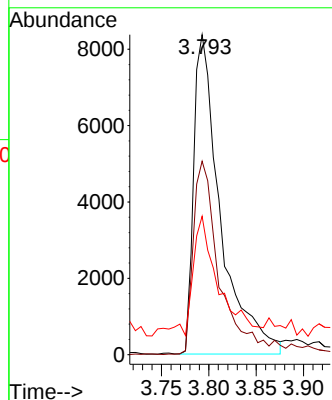
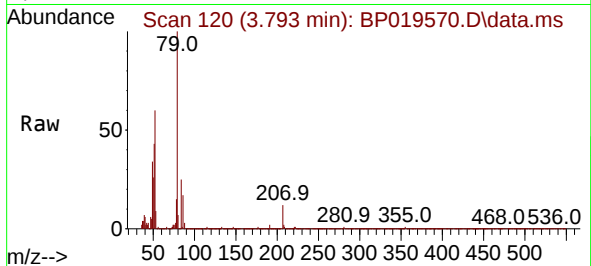
#3
Pyridine
Concen: 3.661 ng
RT: 3.793 min Scan# 119
Delta R.T. 0.006 min
Lab File: BP019570.D
Acq: 06 Feb 2024 13:04

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2023

Tgt Ion: 79 Resp: 1647
Ion Ratio Lower Upper
79 100
52 60.5 45.0 67.6
51 43.3 26.8 40.2

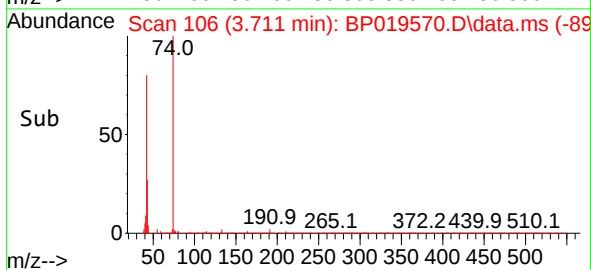
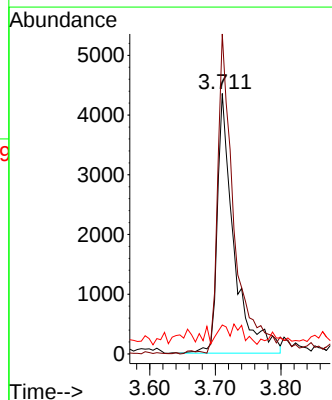
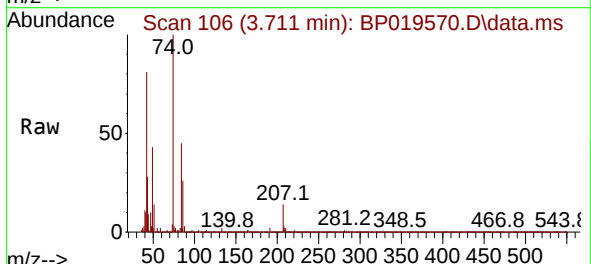
Manual Integrations
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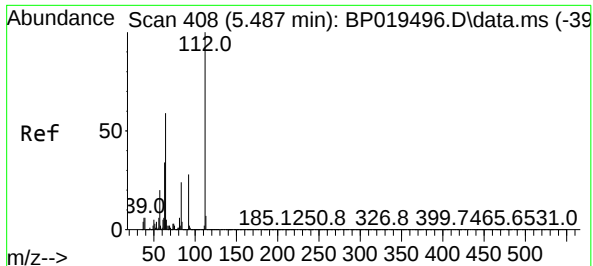
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#4
n-Nitrosodimethylamine
Concen: 3.893 ng
RT: 3.711 min Scan# 106
Delta R.T. 0.000 min
Lab File: BP019570.D
Acq: 06 Feb 2024 13:04

Tgt Ion: 42 Resp: 7626
Ion Ratio Lower Upper
42 100
74 122.8 103.4 155.2
44 11.1 4.8 7.2





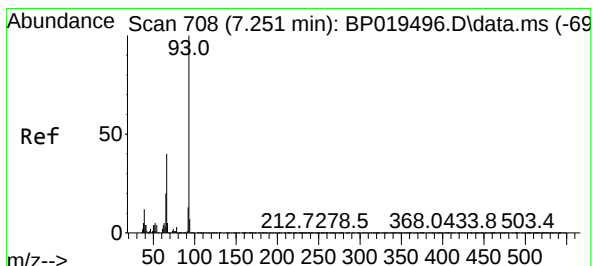
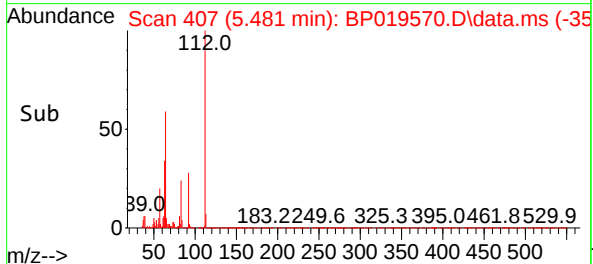
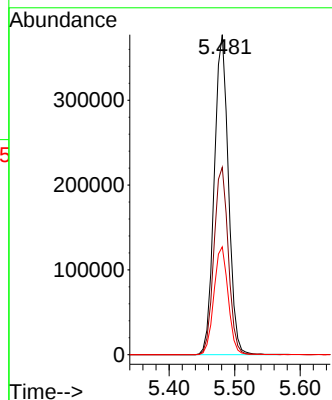
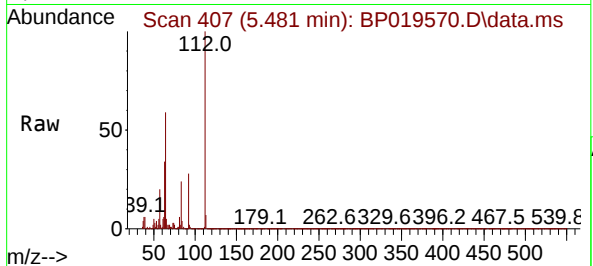
#5
2-Fluorophenol
Concen: 131.141 ng
RT: 5.481 min Scan# 408
Delta R.T. -0.006 min
Lab File: BP019570.D
Acq: 06 Feb 2024 13:04

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2023

Tgt Ion:112 Resp: 564910
Ion Ratio Lower Upper
112 100
64 58.5 47.4 71.0
63 33.7 27.0 40.6

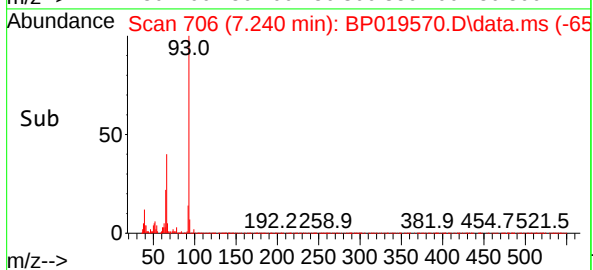
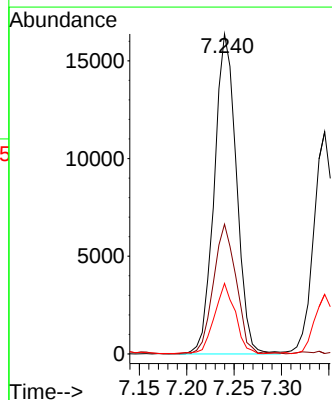
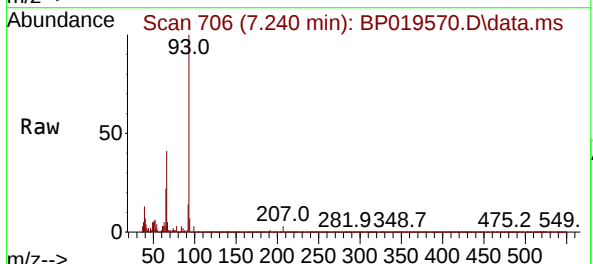
Manual Integrations
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Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#6
Aniline
Concen: 4.728 ng
RT: 7.240 min Scan# 706
Delta R.T. -0.012 min
Lab File: BP019570.D
Acq: 06 Feb 2024 13:04

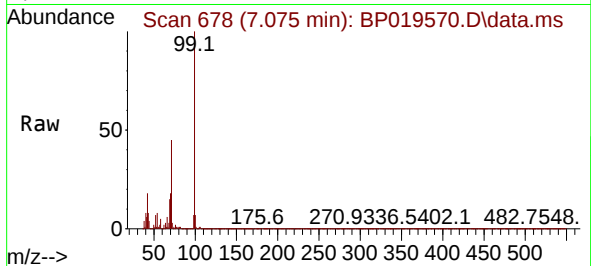
Tgt Ion: 93 Resp: 26684
Ion Ratio Lower Upper
93 100
66 40.5 32.3 48.5
65 22.1 16.4 24.6





#7
Phenol-d6
Concen: 131.920 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP019570.D
Acq: 06 Feb 2024 13:04

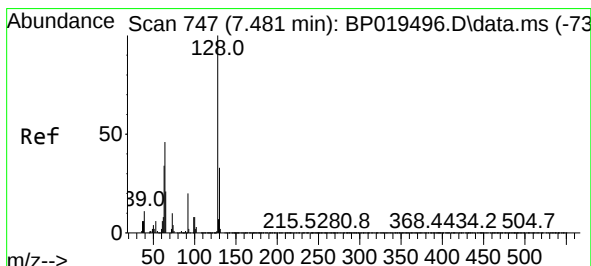
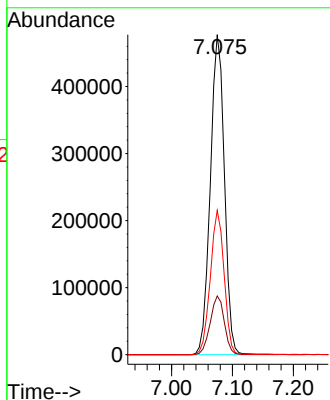
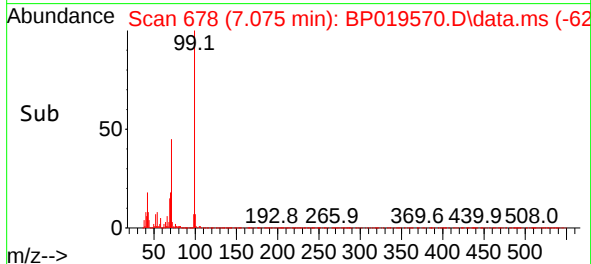
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2023



Tgt Ion: 99 Resp: 76623
Ion Ratio Lower Upper
99 100
42 18.4 14.7 22.1
71 45.1 34.8 52.2

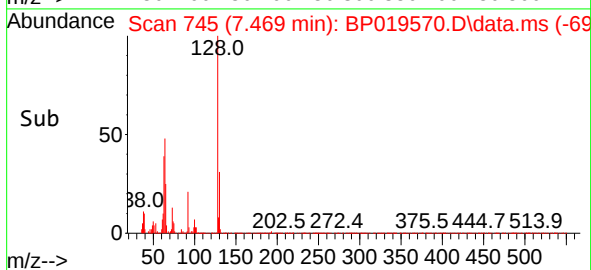
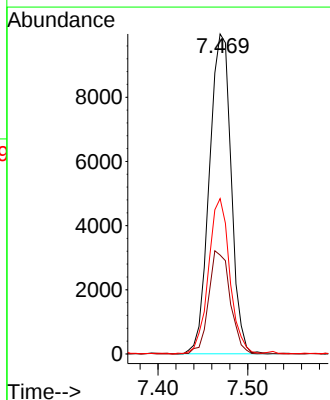
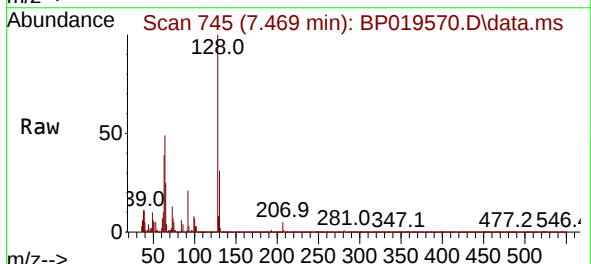
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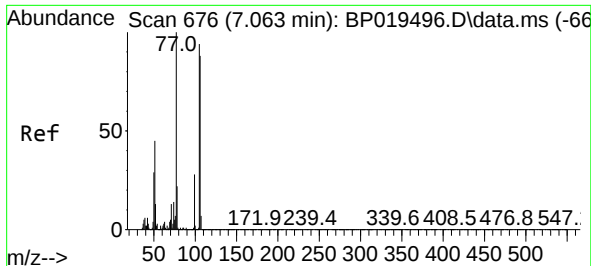
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#8
2-Chlorophenol
Concen: 3.799 ng
RT: 7.469 min Scan# 745
Delta R.T. -0.012 min
Lab File: BP019570.D
Acq: 06 Feb 2024 13:04

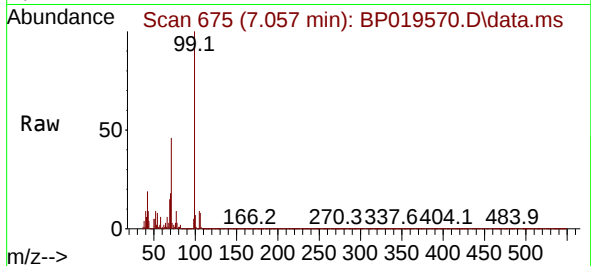
Tgt Ion:128 Resp: 16801
Ion Ratio Lower Upper
128 100
130 30.9 13.3 53.3
64 48.6 29.7 69.7





#9
Benzaldehyde
Concen: 4.661 ng
RT: 7.057 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP019570.D
Acq: 06 Feb 2024 13:04

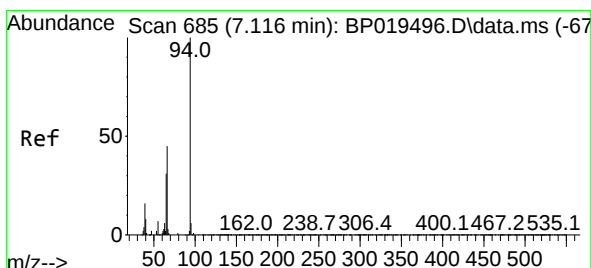
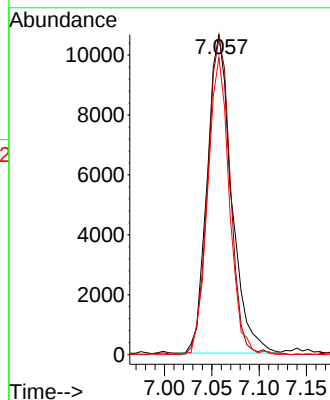
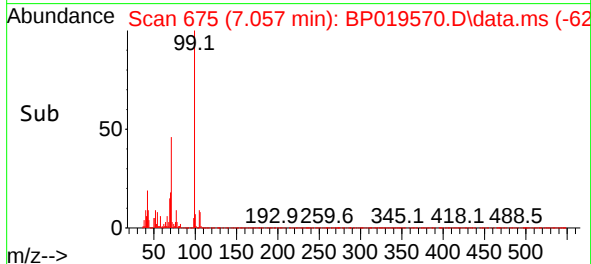
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2023



Tgt Ion: 77 Resp: 1898
Ion Ratio Lower Upper
77 100
105 98.8 74.0 114.0
106 92.8 67.8 107.8

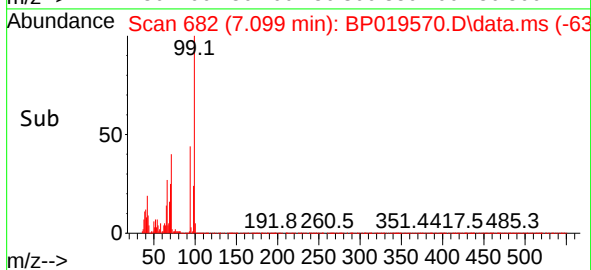
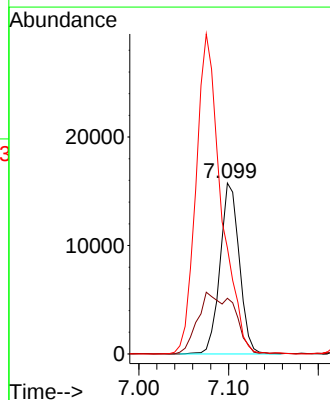
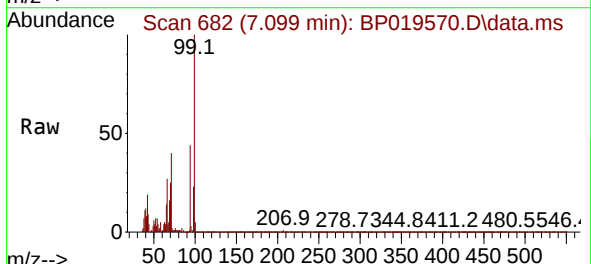
Manual Integrations
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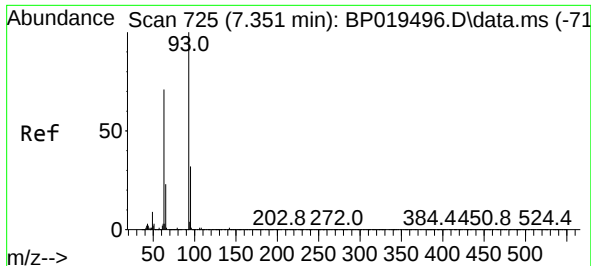
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#10
Phenol
Concen: 4.054 ng
RT: 7.099 min Scan# 682
Delta R.T. -0.017 min
Lab File: BP019570.D
Acq: 06 Feb 2024 13:04

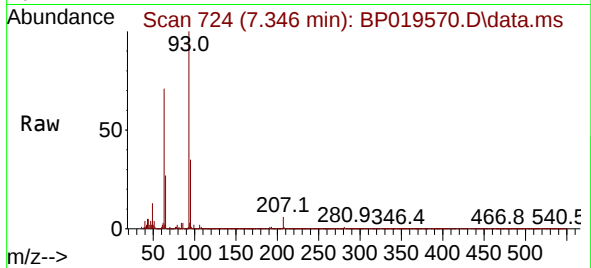
Tgt Ion: 94 Resp: 23468
Ion Ratio Lower Upper
94 100
65 32.6 11.3 51.3
66 62.1 25.1 65.1





#11
bis(2-Chloroethyl)ether
Concen: 4.070 ng
RT: 7.346 min Scan# 701
Delta R.T. -0.006 min
Lab File: BP019570.D
Acq: 06 Feb 2024 13:04

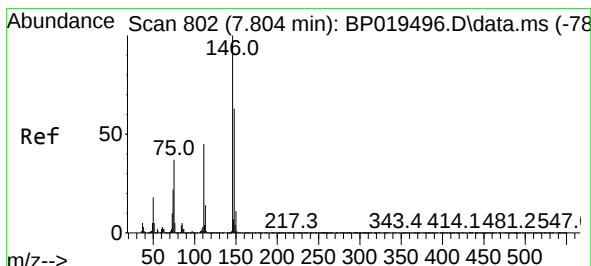
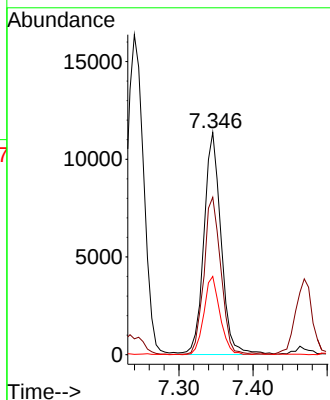
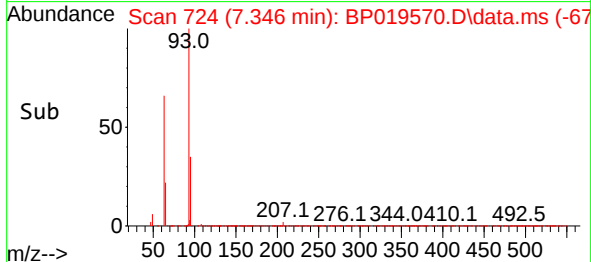
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2023



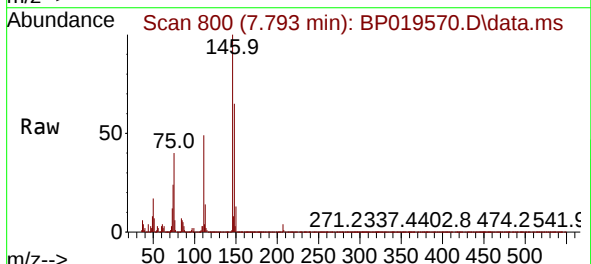
Tgt Ion: 93 Resp: 18330
Ion Ratio Lower Upper
93 100
63 70.9 51.2 91.2
95 35.2 11.8 51.8

Manual Integrations
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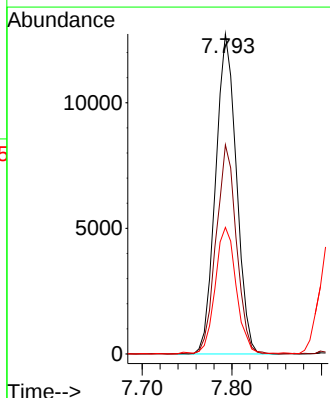
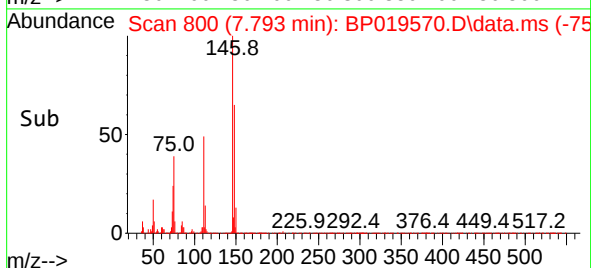
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024

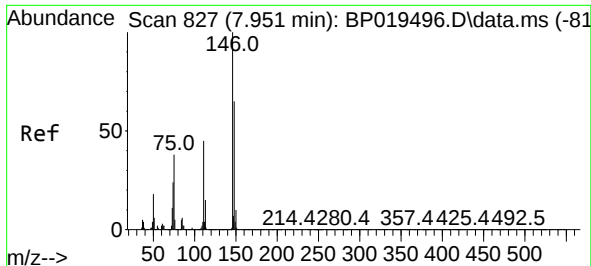


#12
1,3-Dichlorobenzene
Concen: 3.791 ng
RT: 7.793 min Scan# 800
Delta R.T. -0.012 min
Lab File: BP019570.D
Acq: 06 Feb 2024 13:04



Tgt Ion:146 Resp: 20517
Ion Ratio Lower Upper
146 100
148 65.4 50.4 75.6
75 39.5 29.9 44.9





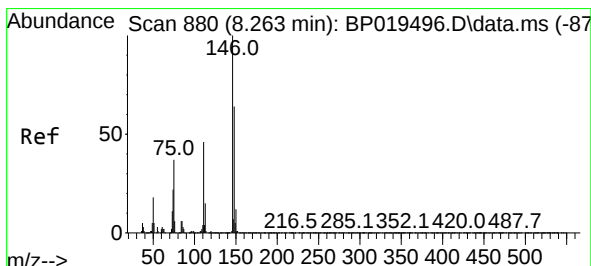
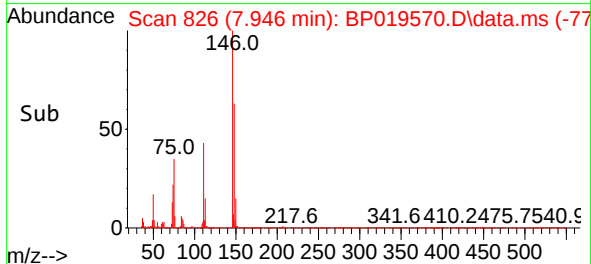
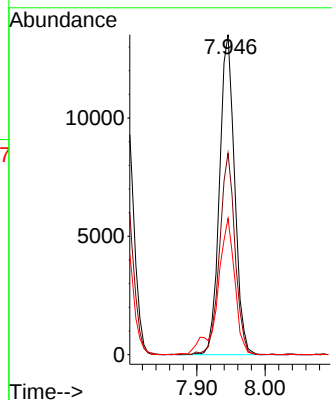
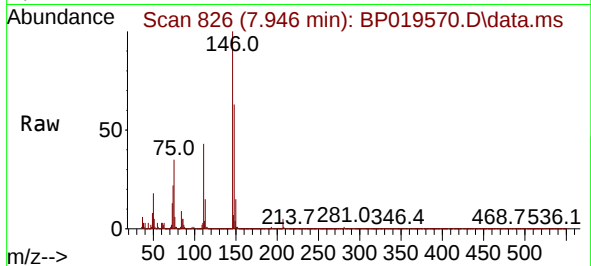
#13
1,4-Dichlorobenzene
Concen: 3.802 ng
RT: 7.946 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP019570.D
Acq: 06 Feb 2024 13:04

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2023

Tgt Ion:146 Resp: 2084
Ion Ratio Lower Upper
146 100
148 62.9 51.9 77.9
111 42.6 35.8 53.6

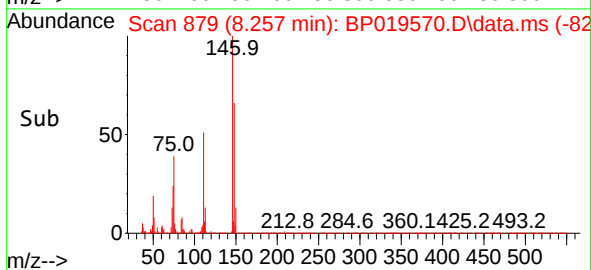
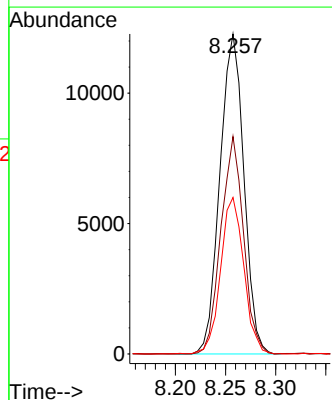
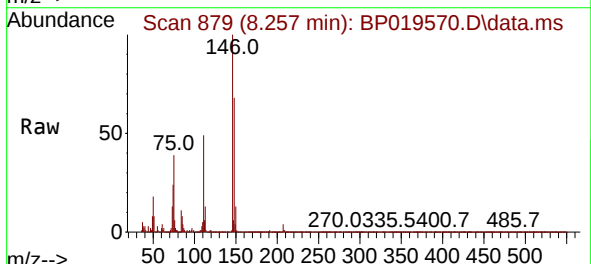
Manual Integrations
APPROVED

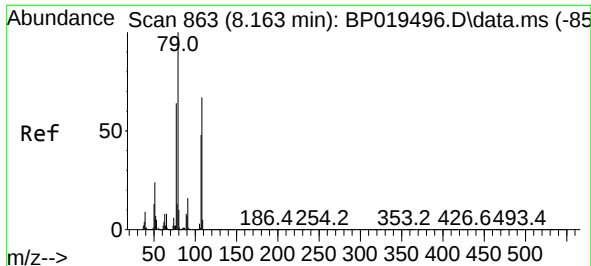
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#14
1,2-Dichlorobenzene
Concen: 3.838 ng
RT: 8.257 min Scan# 879
Delta R.T. -0.006 min
Lab File: BP019570.D
Acq: 06 Feb 2024 13:04

Tgt Ion:146 Resp: 20362
Ion Ratio Lower Upper
146 100
148 68.0 51.4 77.0
111 48.9 37.0 55.6





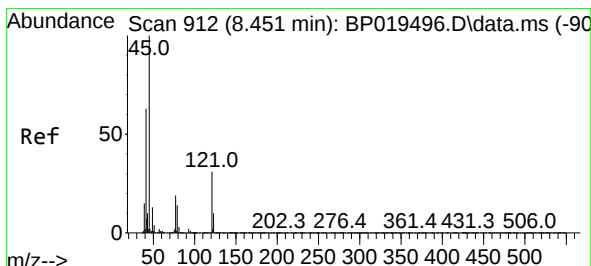
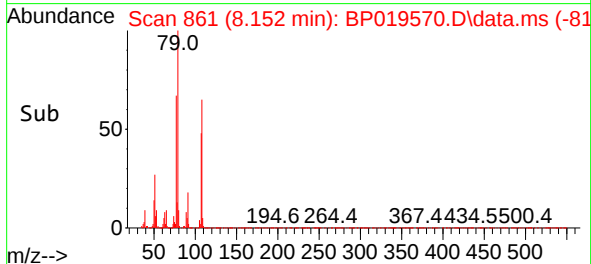
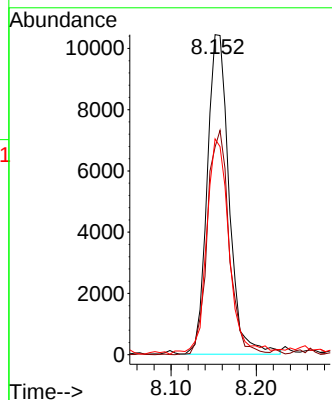
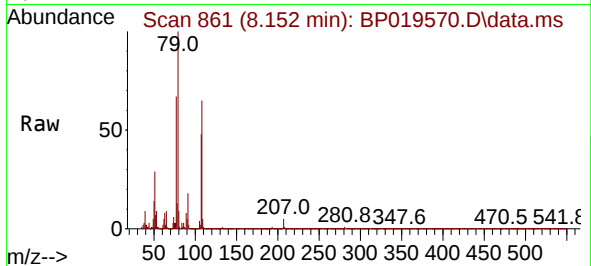
#15
Benzyl Alcohol
Concen: 4.008 ng
RT: 8.152 min Scan# 80
Delta R.T. -0.012 min
Lab File: BP019570.D
Acq: 06 Feb 2024 13:04

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2023

Tgt Ion: 79 Resp: 1859
Ion Ratio Lower Upper
79 100
108 64.9 53.8 80.6
77 67.4 51.3 76.9

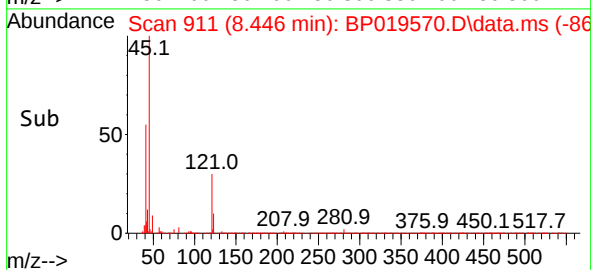
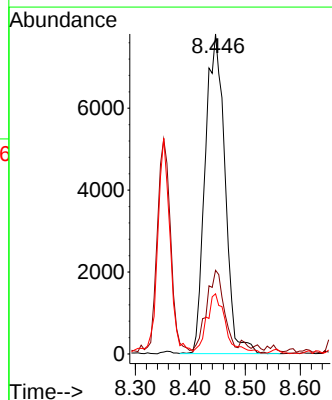
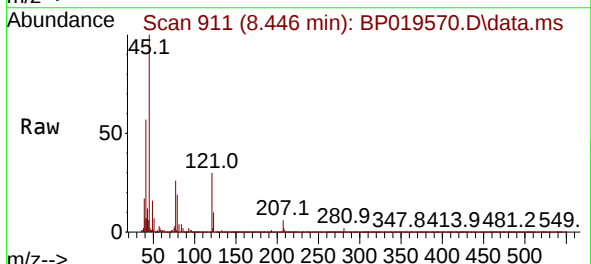
Manual Integrations
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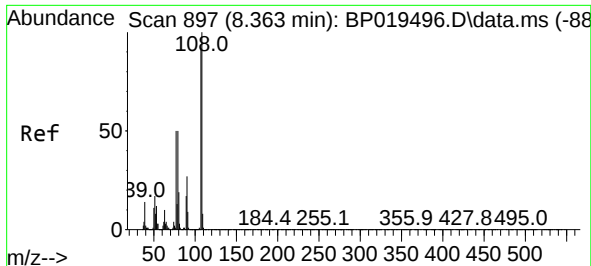
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.328 ng
RT: 8.446 min Scan# 911
Delta R.T. -0.006 min
Lab File: BP019570.D
Acq: 06 Feb 2024 13:04

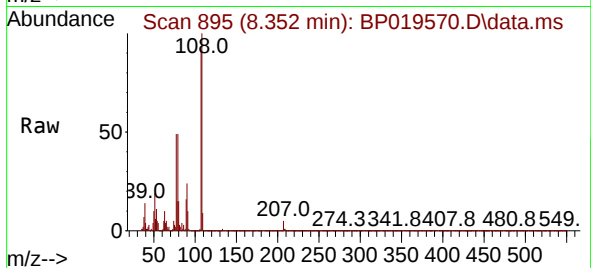
Tgt Ion: 45 Resp: 19494
Ion Ratio Lower Upper
45 100
77 26.1 0.8 40.8
79 18.8 0.0 35.5





#17
2-Methylphenol
Concen: 4.008 ng
RT: 8.352 min Scan# 895
Delta R.T. -0.012 min
Lab File: BP019570.D
Acq: 06 Feb 2024 13:04

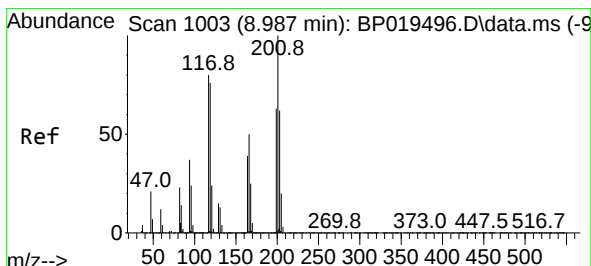
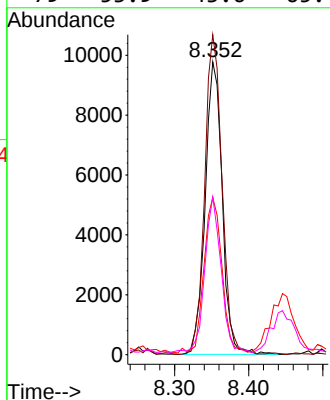
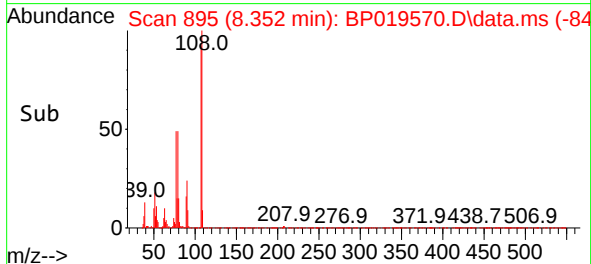
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2023



Tgt Ion:	107	Resp:	15620
Ion	Ratio	Lower	Upper
107	100		
108	109.3	87.0	130.6
77	53.7	43.5	65.3
79	53.9	43.6	65.4

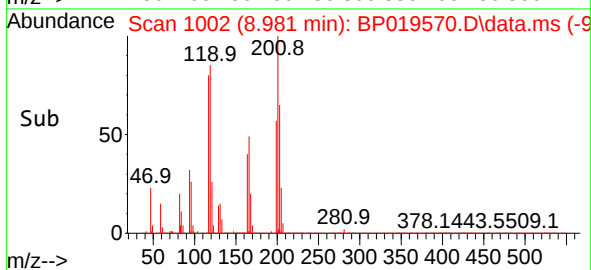
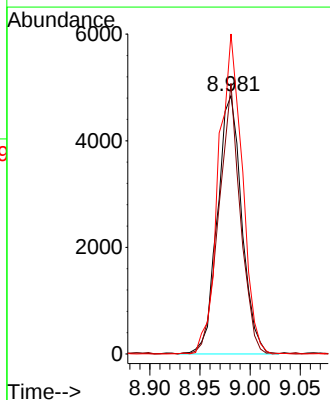
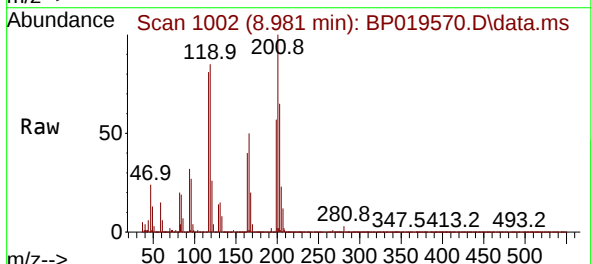
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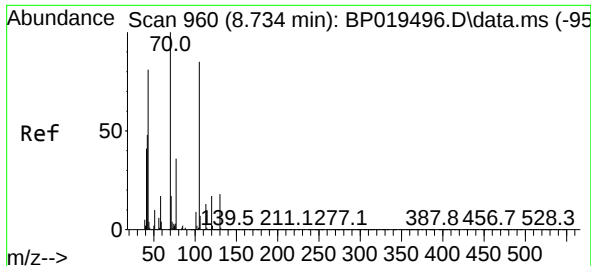
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#18
Hexachloroethane
Concen: 3.850 ng
RT: 8.981 min Scan# 1002
Delta R.T. -0.006 min
Lab File: BP019570.D
Acq: 06 Feb 2024 13:04

Tgt Ion:	117	Resp:	8182
Ion	Ratio	Lower	Upper
117	100		
119	104.7	75.5	113.3
201	126.6	99.4	149.2





#19

n-Nitroso-di-n-propylamine

Concen: 4.480 ng

RT: 8.722 min Scan# 91

Delta R.T. -0.012 min

Lab File: BP019570.D

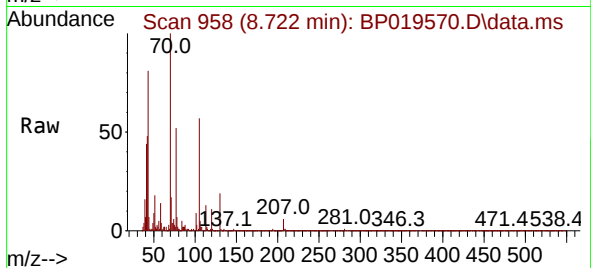
Acq: 06 Feb 2024 13:04

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT4-2023



Tgt Ion: 70 Resp: 1777

Ion Ratio Lower Upper

70 100

42 48.3 39.2 58.8

101 9.3 7.3 10.9

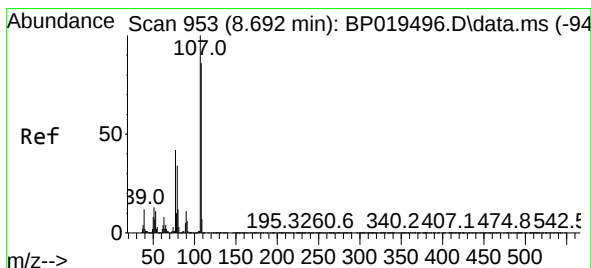
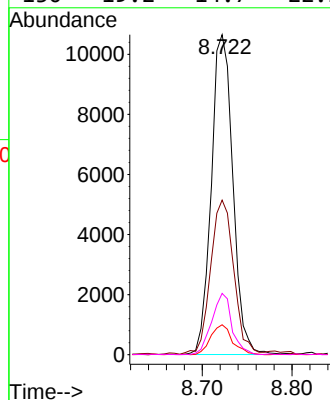
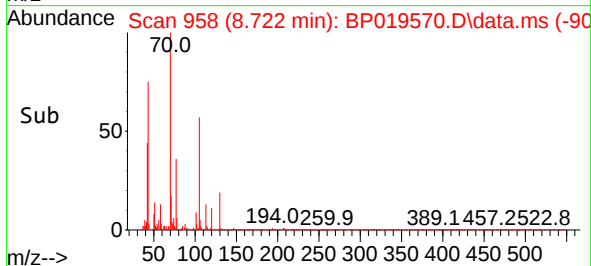
130 19.2 14.7 22.1

Manual Integrations

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Reviewed By :Jagrut Upadhyay 02/07/2024

Supervised By :mohammad ahmed 02/08/2024



#20

3+4-Methylphenols

Concen: 3.853 ng

RT: 8.681 min Scan# 951

Delta R.T. -0.012 min

Lab File: BP019570.D

Acq: 06 Feb 2024 13:04

Tgt Ion:107 Resp: 20493

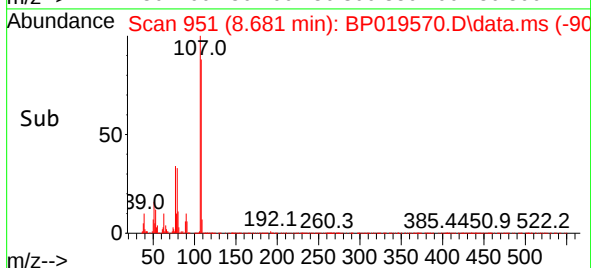
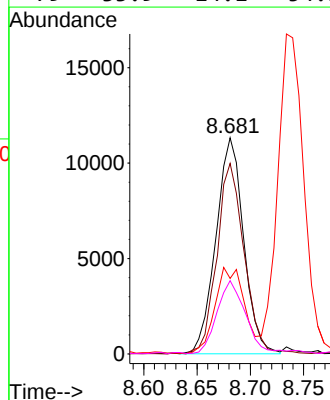
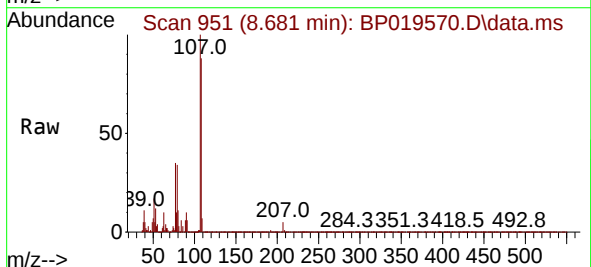
Ion Ratio Lower Upper

107 100

108 88.1 65.5 105.5

77 34.9 21.8 61.8

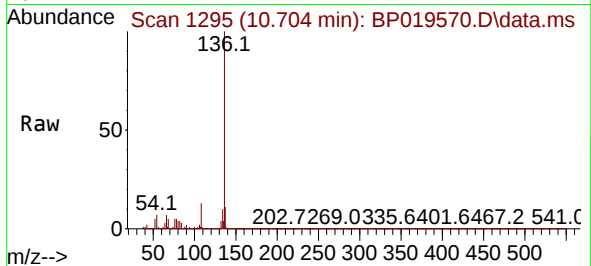
79 33.9 14.1 54.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BP019570.D
Acq: 06 Feb 2024 13:04

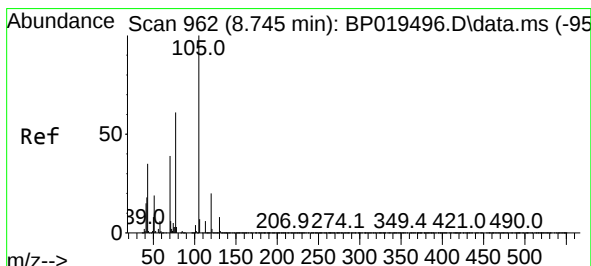
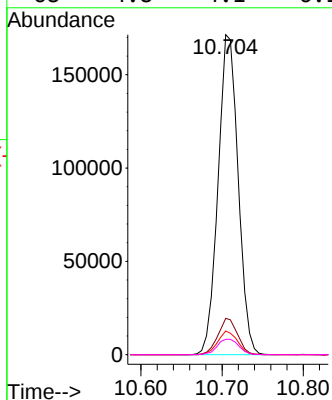
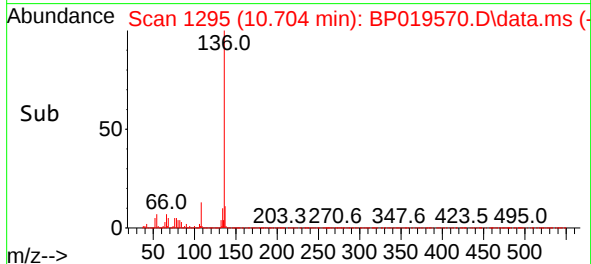
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2023



Tgt Ion:136 Resp: 294902
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 7.4 5.3 7.9
68 4.8 4.1 6.1

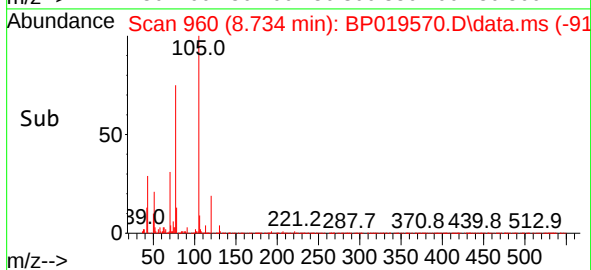
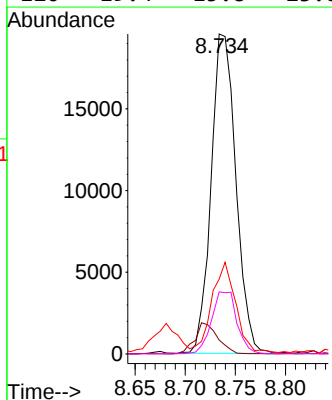
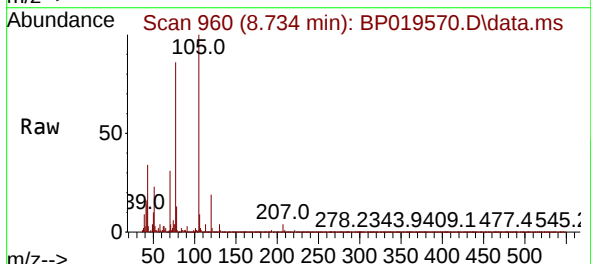
Manual Integrations
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Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#22
Acetophenone
Concen: 4.003 ng
RT: 8.734 min Scan# 960
Delta R.T. -0.012 min
Lab File: BP019570.D
Acq: 06 Feb 2024 13:04

Tgt Ion:105 Resp: 33629
Ion Ratio Lower Upper
105 100
71 4.3 4.9 7.3#
51 23.4 20.7 31.1
120 19.4 15.8 23.8





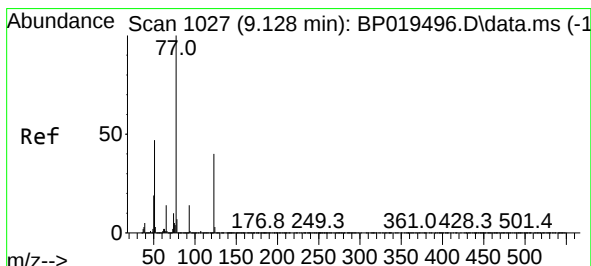
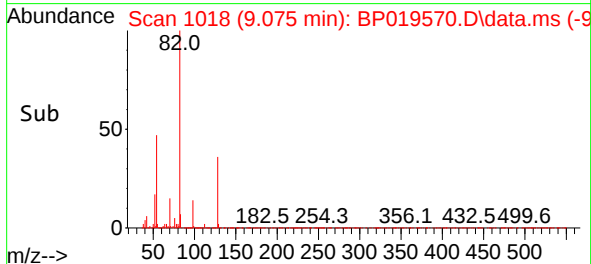
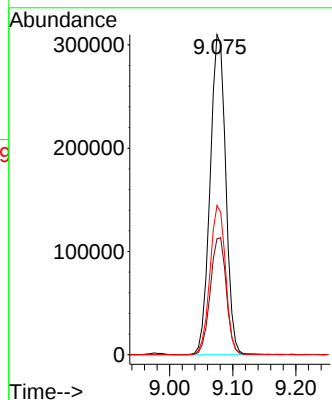
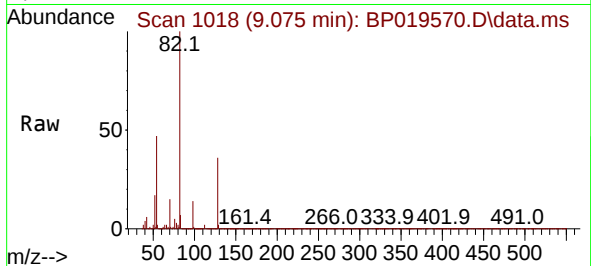
#23
Nitrobenzene-d5
Concen: 78.298 ng
RT: 9.075 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BP019570.D
Acq: 06 Feb 2024 13:04

Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT4-2023

Tgt Ion: 82 Resp: 532875
Ion Ratio Lower Upper
82 100
128 36.3 29.7 44.5
54 46.6 36.8 55.2

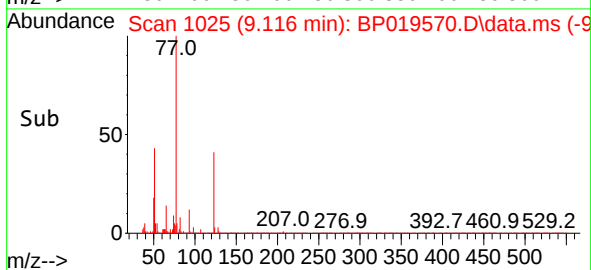
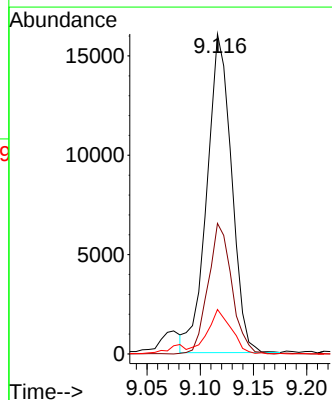
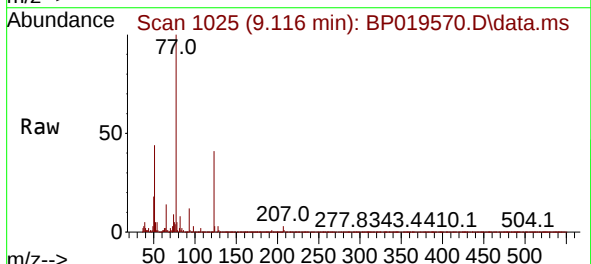
Manual Integrations
APPROVED

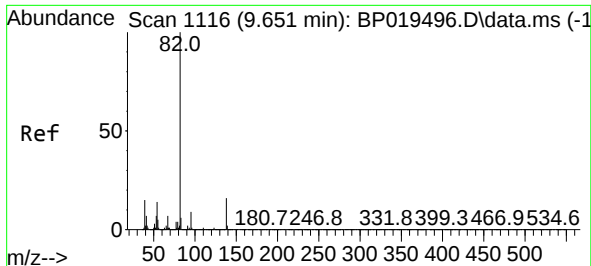
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#24
Nitrobenzene
Concen: 3.754 ng
RT: 9.116 min Scan# 1025
Delta R.T. -0.012 min
Lab File: BP019570.D
Acq: 06 Feb 2024 13:04

Tgt Ion: 77 Resp: 25721
Ion Ratio Lower Upper
77 100
123 40.8 32.3 48.5
65 13.9 11.6 17.4





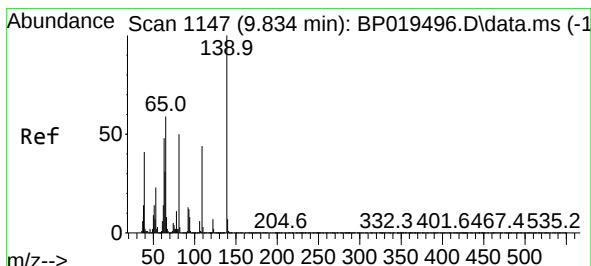
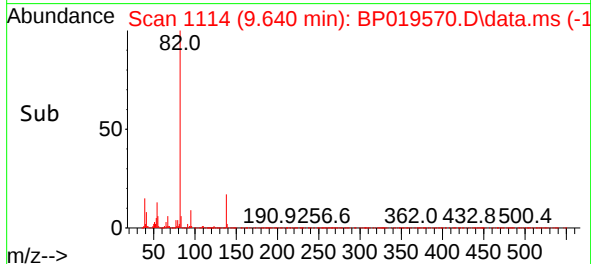
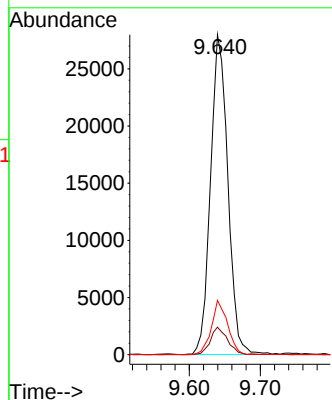
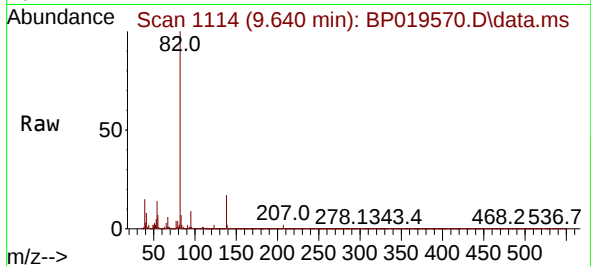
#25
Isophorone
Concen: 4.005 ng
RT: 9.640 min Scan# 1116
Delta R.T. -0.012 min
Lab File: BP019570.D
Acq: 06 Feb 2024 13:04

Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT4-2023

Tgt Ion: 82 Resp: 4746
Ion Ratio Lower Upper
82 100
95 8.6 7.0 10.4
138 17.0 13.1 19.7

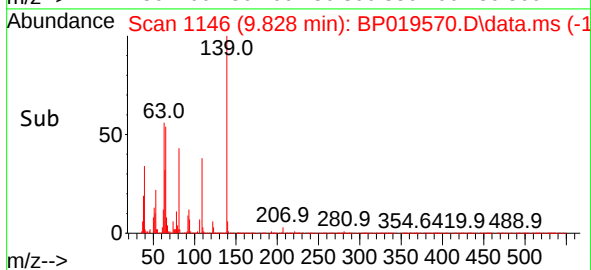
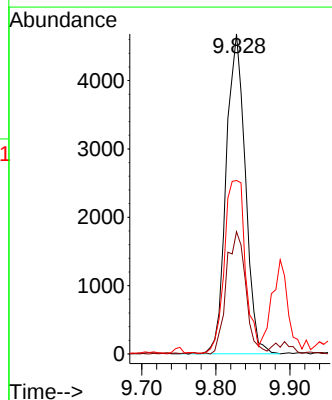
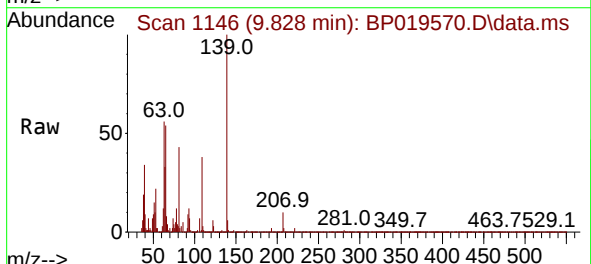
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#26
2-Nitrophenol
Concen: 3.213 ng
RT: 9.828 min Scan# 1146
Delta R.T. -0.006 min
Lab File: BP019570.D
Acq: 06 Feb 2024 13:04

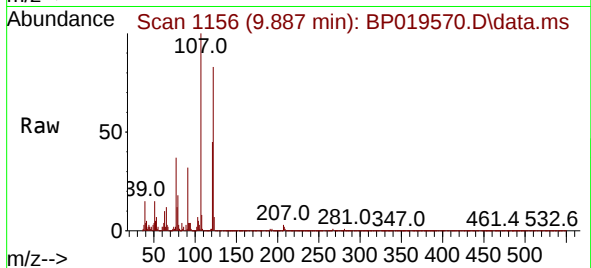
Tgt Ion:139 Resp: 8396
Ion Ratio Lower Upper
139 100
109 38.2 34.9 52.3
65 54.2 47.5 71.3





#27
2,4-Dimethylphenol
Concen: 4.400 ng
RT: 9.887 min Scan# 1156
Delta R.T. -0.012 min
Lab File: BP019570.D
Acq: 06 Feb 2024 13:04

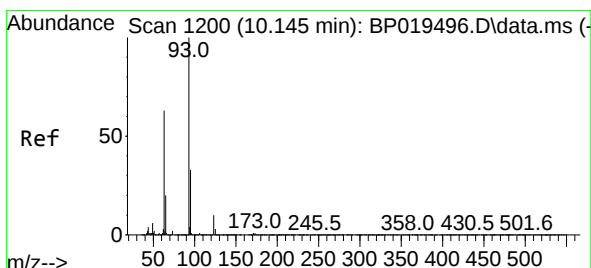
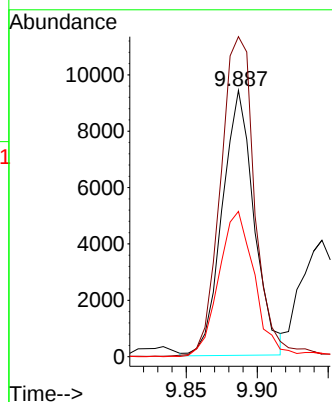
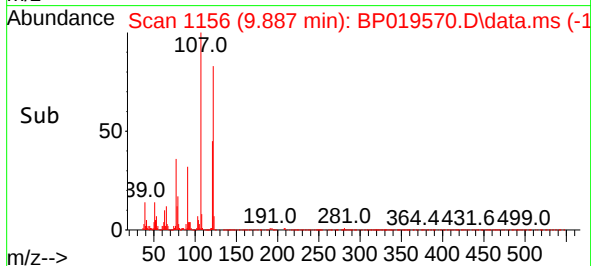
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2023



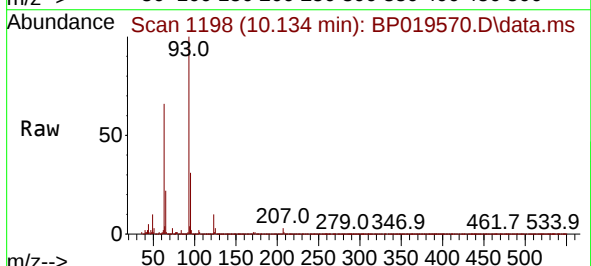
Tgt Ion:122 Resp: 14699
Ion Ratio Lower Upper
122 100
107 120.2 105.9 158.9
121 54.6 47.5 71.3

Manual Integrations
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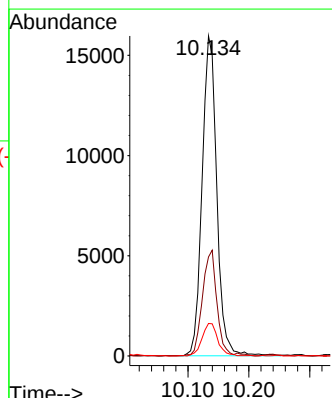
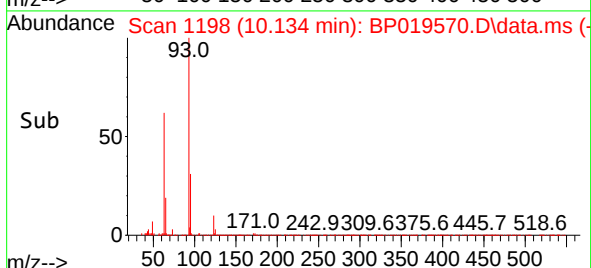
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024

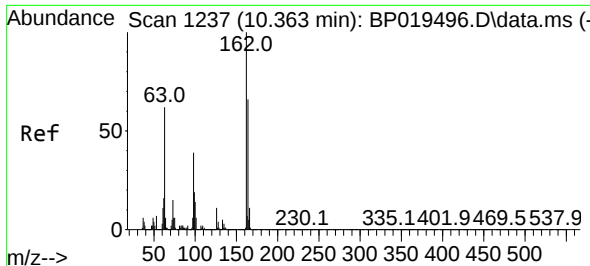


#28
bis(2-Chloroethoxy)methane
Concen: 3.995 ng
RT: 10.134 min Scan# 1198
Delta R.T. -0.012 min
Lab File: BP019570.D
Acq: 06 Feb 2024 13:04



Tgt Ion: 93 Resp: 26793
Ion Ratio Lower Upper
93 100
95 31.0 26.2 39.4
123 10.1 8.5 12.7





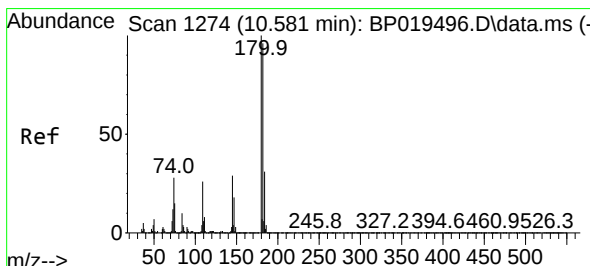
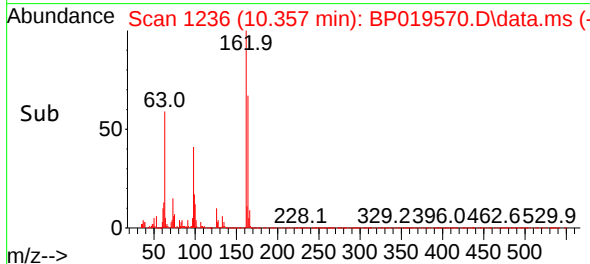
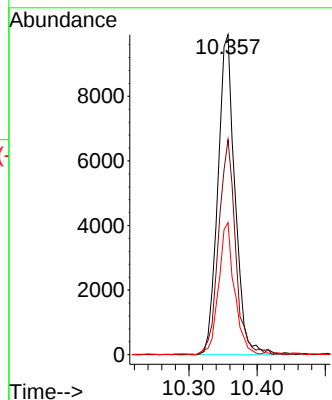
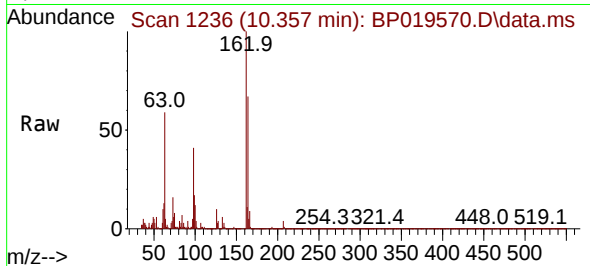
#29
2,4-Dichlorophenol
Concen: 3.430 ng
RT: 10.357 min Scan# 1236
Delta R.T. -0.006 min
Lab File: BP019570.D
Acq: 06 Feb 2024 13:04

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2023

Tgt Ion:162 Resp: 1732
Ion Ratio Lower Upper
162 100
164 67.2 46.0 86.0
98 41.2 18.7 58.7

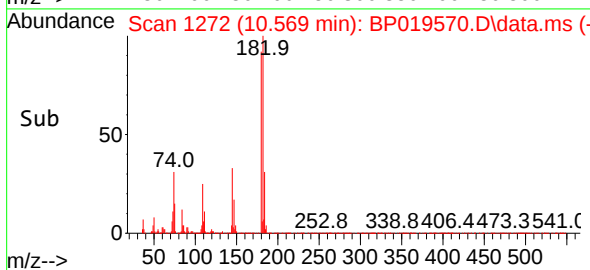
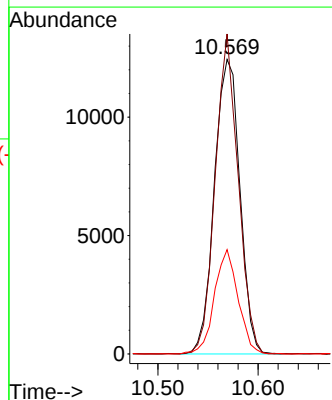
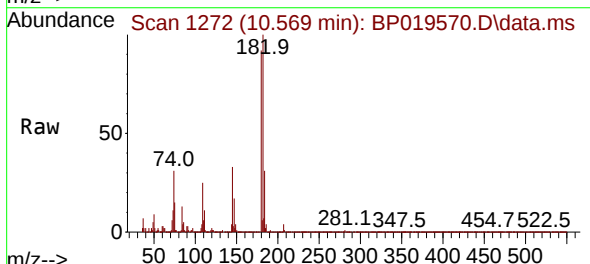
Manual Integrations
APPROVED

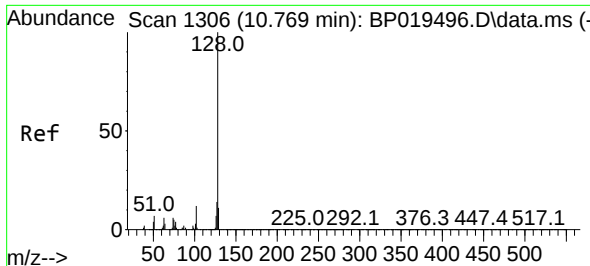
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#30
1,2,4-Trichlorobenzene
Concen: 3.549 ng
RT: 10.569 min Scan# 1272
Delta R.T. -0.012 min
Lab File: BP019570.D
Acq: 06 Feb 2024 13:04

Tgt Ion:180 Resp: 21978
Ion Ratio Lower Upper
180 100
182 108.6 77.0 115.6
145 35.4 23.2 34.8#





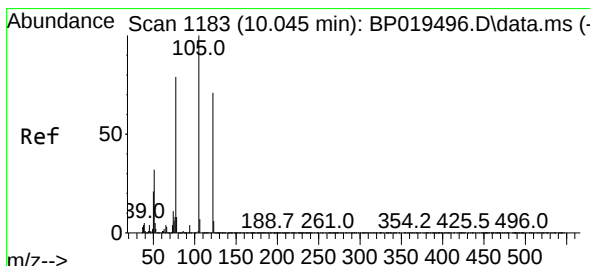
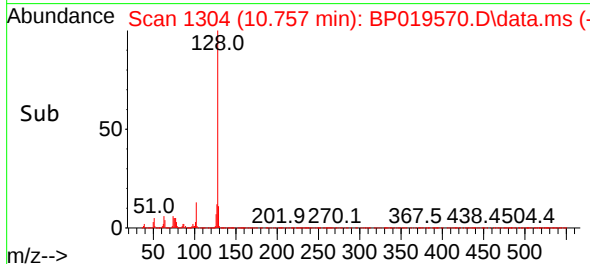
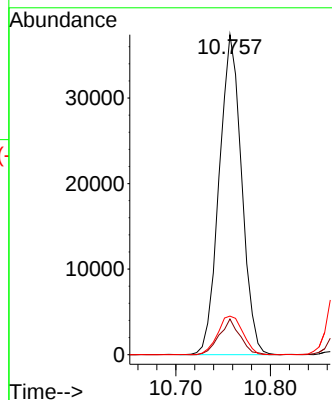
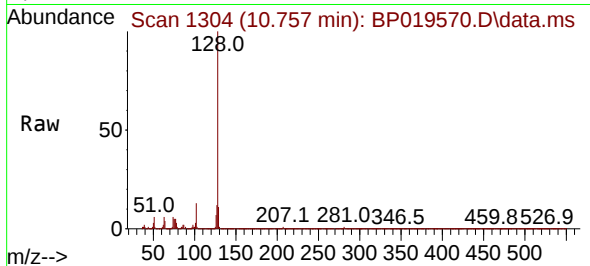
#31
Naphthalene
Concen: 3.811 ng
RT: 10.757 min Scan# 1166
Delta R.T. -0.012 min
Lab File: BP019570.D
Acq: 06 Feb 2024 13:04

Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT4-2023

Tgt Ion:128 Resp: 6163
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 12.1 10.8 16.2

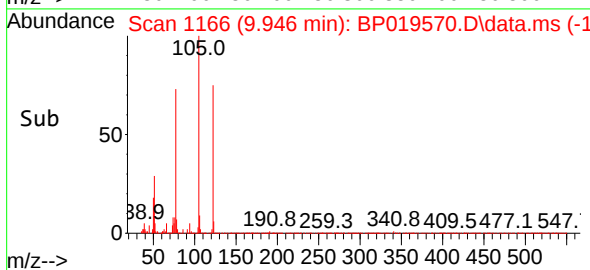
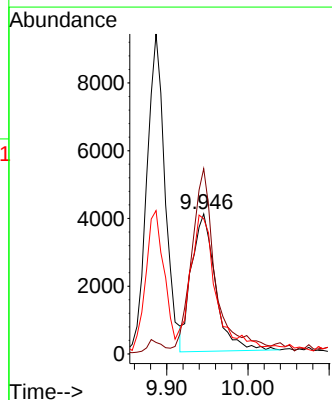
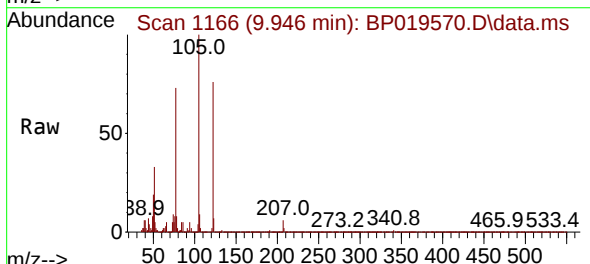
Manual Integrations
APPROVED

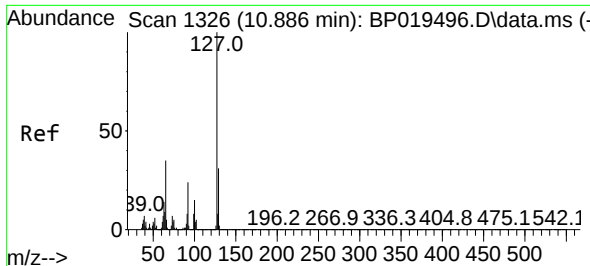
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#32
Benzoic acid
Concen: 2.564 ng
RT: 9.946 min Scan# 1166
Delta R.T. -0.100 min
Lab File: BP019570.D
Acq: 06 Feb 2024 13:04

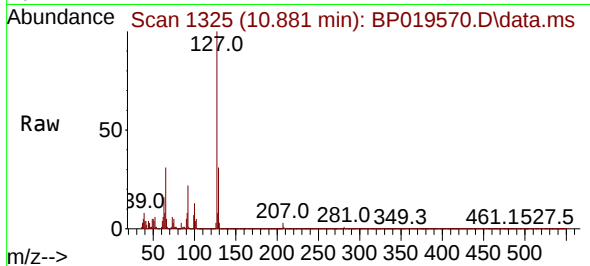
Tgt Ion:122 Resp: 8345
Ion Ratio Lower Upper
122 100
105 132.3 118.8 158.8
77 96.5 91.7 131.7





#33
4-Chloroaniline
Concen: 4.331 ng
RT: 10.881 min Scan# 1325
Delta R.T. -0.006 min
Lab File: BP019570.D
Acq: 06 Feb 2024 13:04

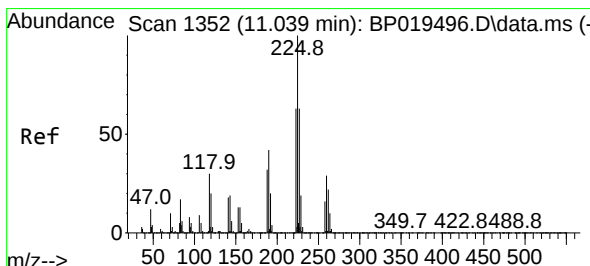
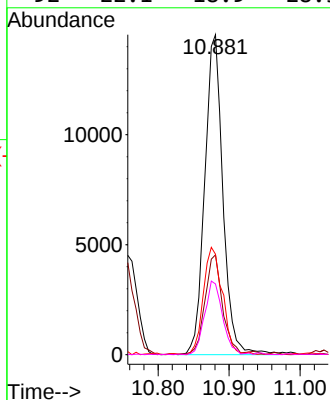
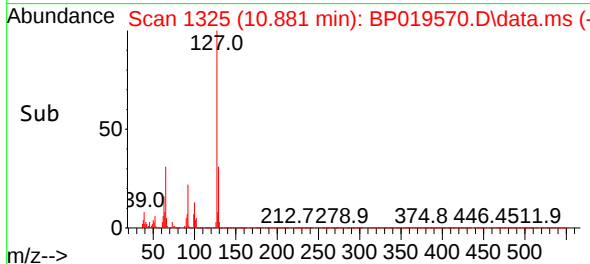
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2023



Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.2	24.6	36.8
65	31.4	28.2	42.4
92	22.1	18.9	28.3

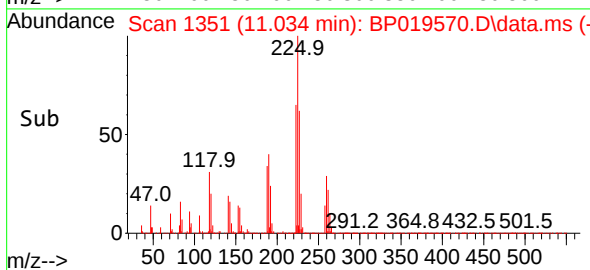
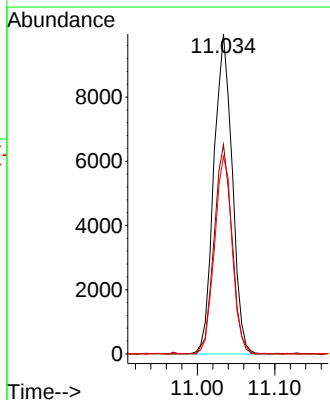
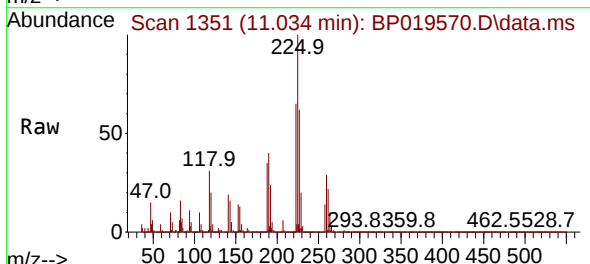
Manual Integrations
APPROVED

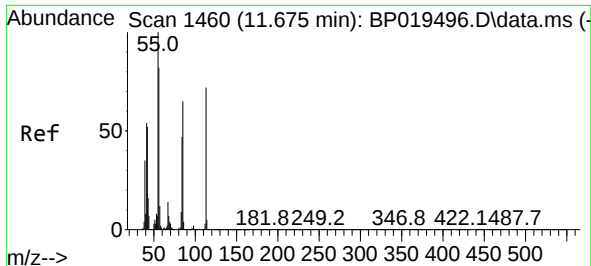
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#34
Hexachlorobutadiene
Concen: 3.579 ng
RT: 11.034 min Scan# 1351
Delta R.T. -0.006 min
Lab File: BP019570.D
Acq: 06 Feb 2024 13:04

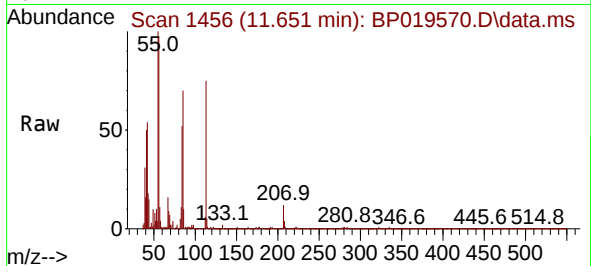
Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.4	50.5	75.7
227	64.1	50.2	75.2





#35
Caprolactam
Concen: 4.192 ng
RT: 11.651 min Scan# 1460
Delta R.T. -0.023 min
Lab File: BP019570.D
Acq: 06 Feb 2024 13:04

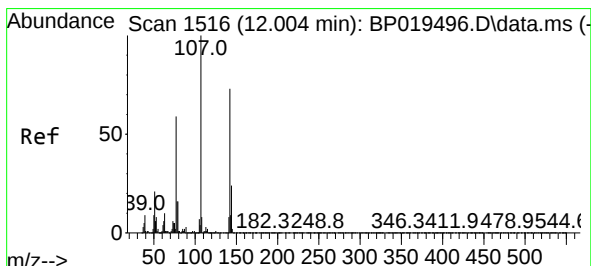
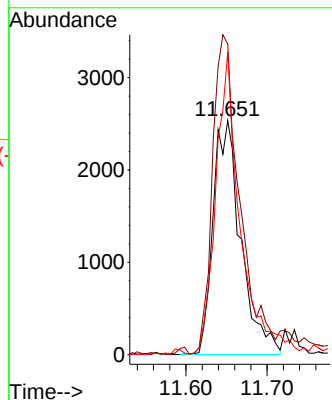
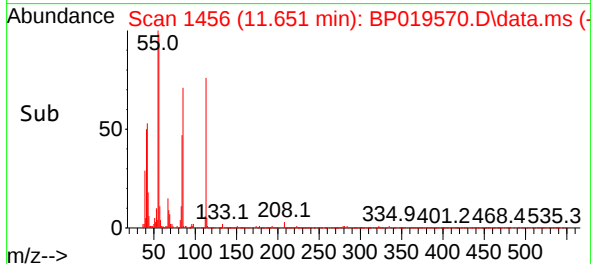
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2023



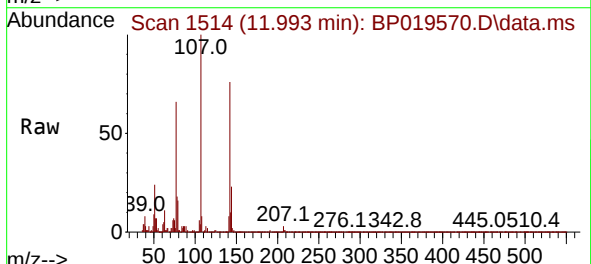
Tgt Ion:113 Resp: 5994
Ion Ratio Lower Upper
113 100
55 132.8 120.0 160.0
56 129.2 94.0 134.0

Manual Integrations
APPROVED

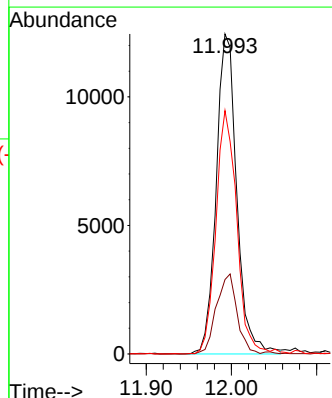
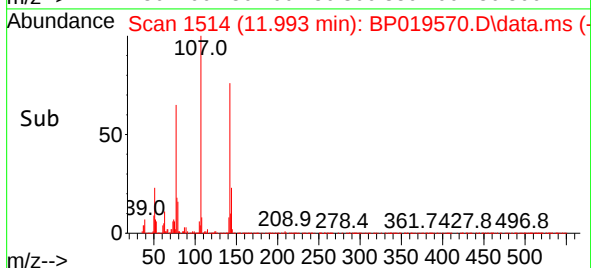
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024

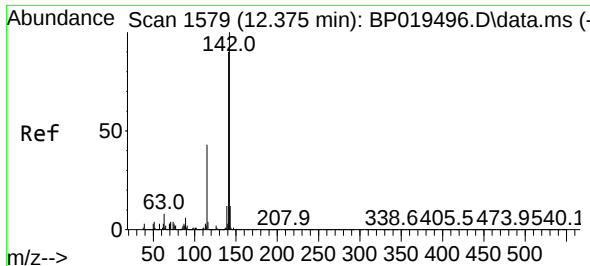


#36
4-Chloro-3-methylphenol
Concen: 3.787 ng
RT: 11.993 min Scan# 1514
Delta R.T. -0.012 min
Lab File: BP019570.D
Acq: 06 Feb 2024 13:04



Tgt Ion:107 Resp: 20852
Ion Ratio Lower Upper
107 100
144 23.2 19.0 28.4
142 76.0 58.6 88.0





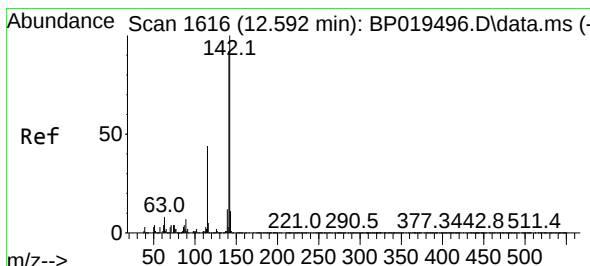
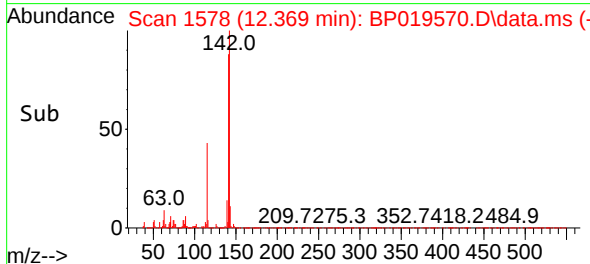
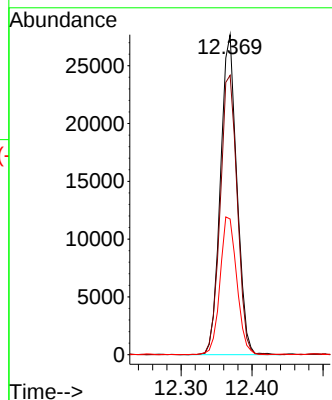
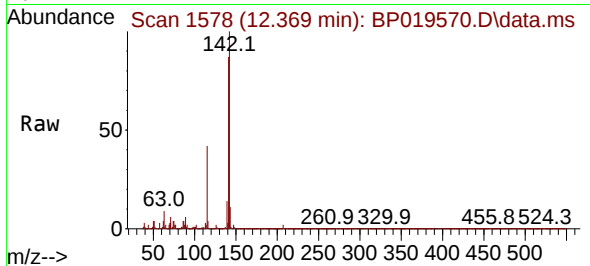
#37
2-Methylnaphthalene
Concen: 3.958 ng
RT: 12.369 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BP019570.D
Acq: 06 Feb 2024 13:04

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2023

Tgt Ion:142 Resp: 4430
Ion Ratio Lower Upper
142 100
141 87.3 72.2 108.4
115 42.4 34.2 51.2

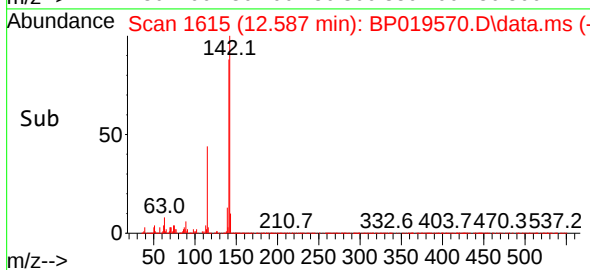
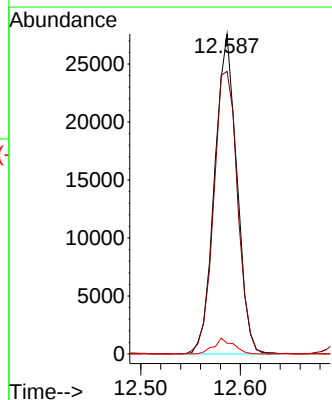
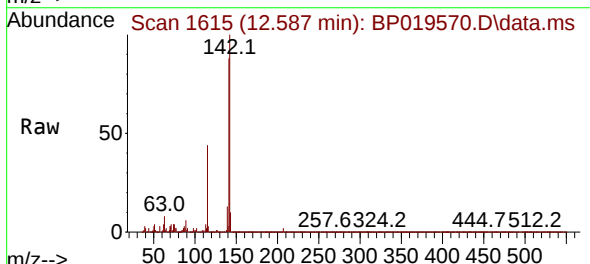
Manual Integrations
APPROVED

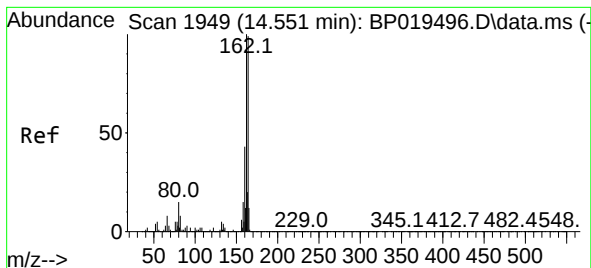
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#38
1-Methylnaphthalene
Concen: 3.888 ng m
RT: 12.587 min Scan# 1615
Delta R.T. -0.006 min
Lab File: BP019570.D
Acq: 06 Feb 2024 13:04

Tgt Ion:142 Resp: 42764
Ion Ratio Lower Upper
142 100
141 88.3 74.0 111.0
116 3.4 3.7 5.5#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.539 min Scan# 1947

Delta R.T. -0.012 min

Lab File: BP019570.D

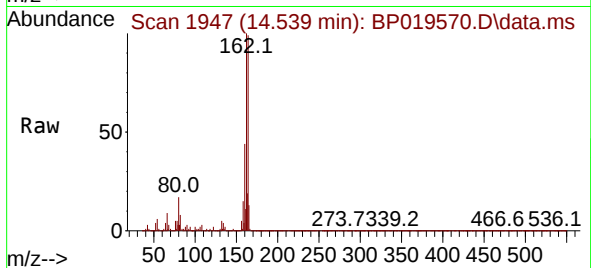
Acq: 06 Feb 2024 13:04

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT4-2023



Tgt Ion:164 Resp: 22073

Ion Ratio Lower Upper

164 100

162 101.4 81.2 121.8

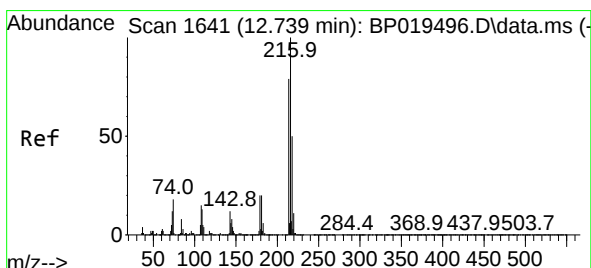
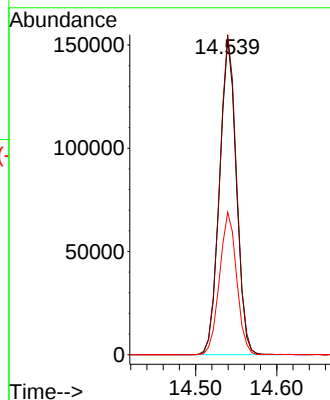
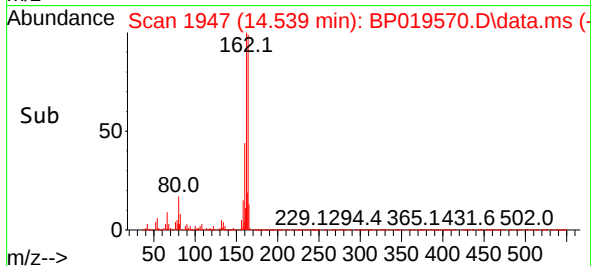
160 45.1 35.1 52.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2024

Supervised By :mohammad ahmed 02/08/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 3.621 ng

RT: 12.728 min Scan# 1639

Delta R.T. -0.012 min

Lab File: BP019570.D

Acq: 06 Feb 2024 13:04

Tgt Ion:216 Resp: 30823

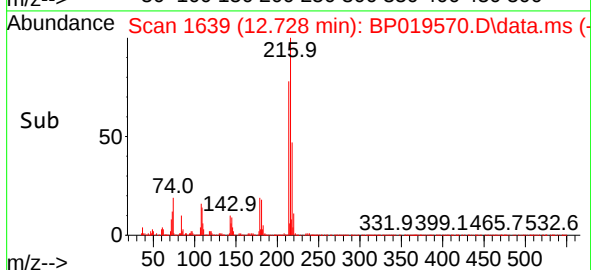
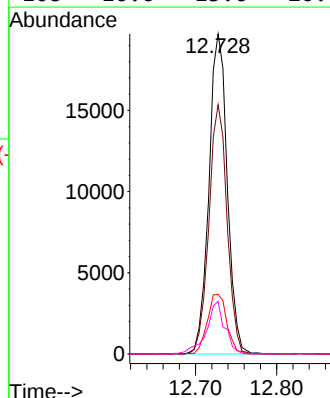
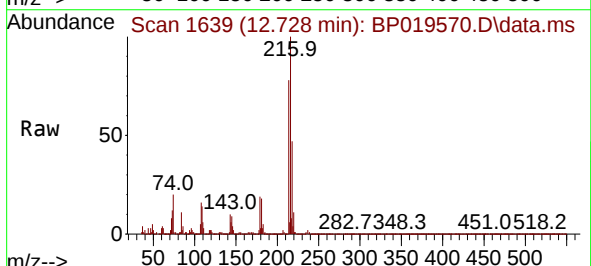
Ion Ratio Lower Upper

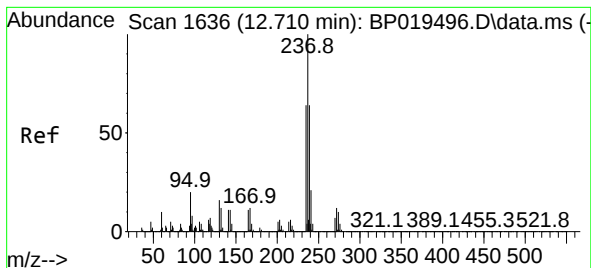
216 100

214 77.1 62.8 94.2

179 19.7 16.6 24.8

108 16.6 13.6 20.4





#41

Hexachlorocyclopentadiene

Concen: 3.931 ng

RT: 12.698 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP019570.D

Acq: 06 Feb 2024 13:04

Instrument :

BNA_P

ClientSampleId :

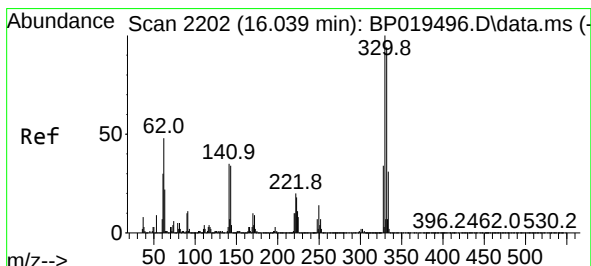
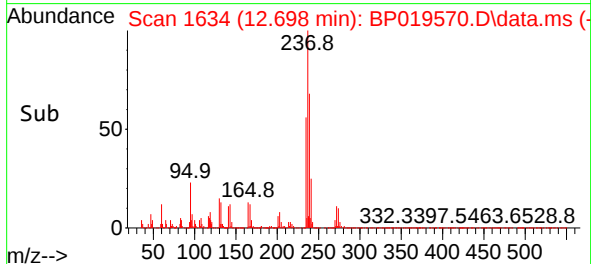
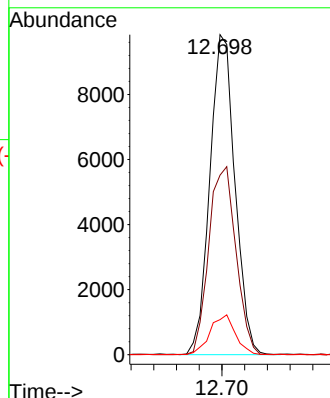
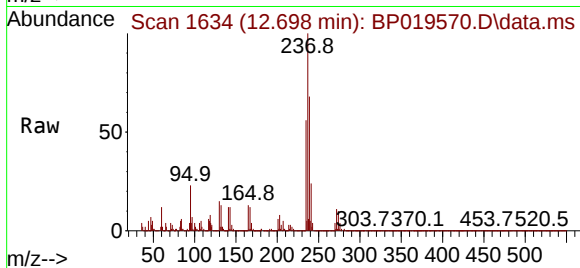
MDL-WATER-03-QT4-2023

Tgt Ion:	237	Resp:	15119
Ion Ratio	Lower	Upper	
237	100		
235	56.1	43.7	83.7
272	10.9	0.0	32.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#42

2,4,6-Tribromophenol

Concen: 151.037 ng

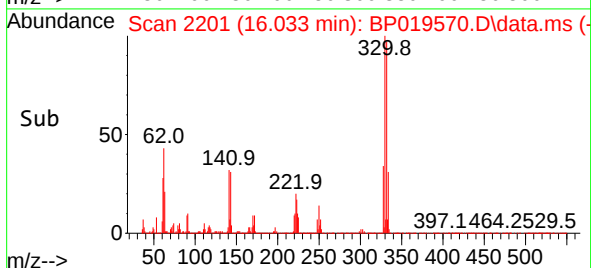
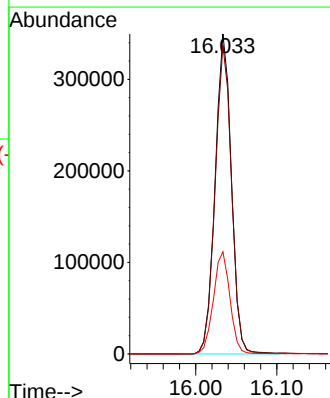
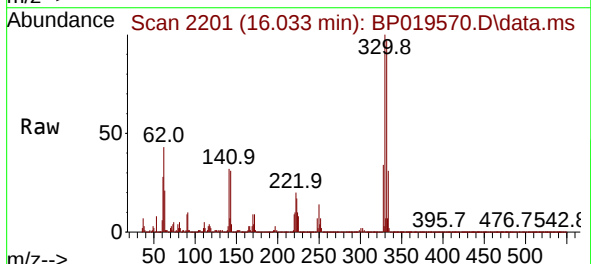
RT: 16.033 min Scan# 2201

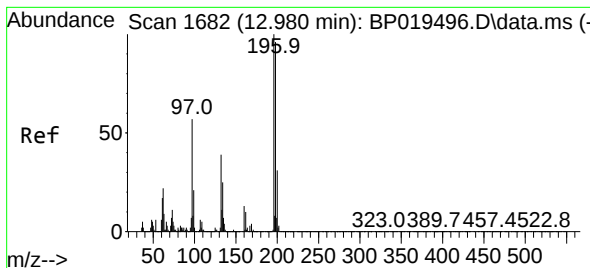
Delta R.T. -0.006 min

Lab File: BP019570.D

Acq: 06 Feb 2024 13:04

Tgt Ion:	330	Resp:	486768
Ion Ratio	Lower	Upper	
330	100		
332	97.6	77.2	115.8
141	32.6	27.0	40.4





#43

2,4,6-Trichlorophenol

Concen: 3.345 ng

RT: 12.975 min Scan# 1681

Delta R.T. -0.006 min

Lab File: BP019570.D

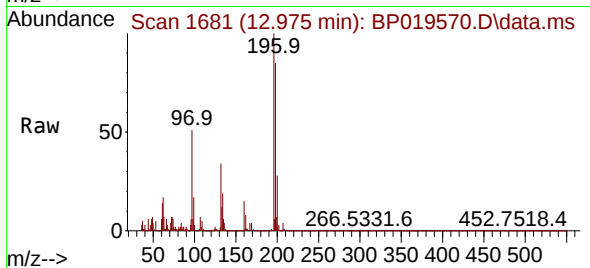
Acq: 06 Feb 2024 13:04

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT4-2023



Tgt Ion:196 Resp: 1724

Ion Ratio Lower Upper

196 100

198 84.9 76.7 115.1

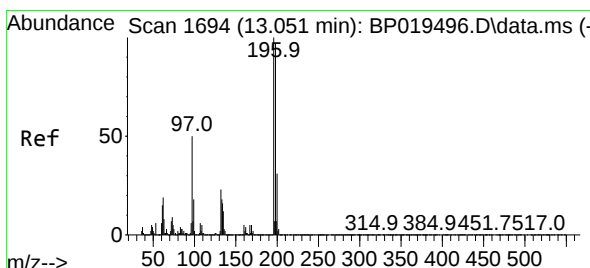
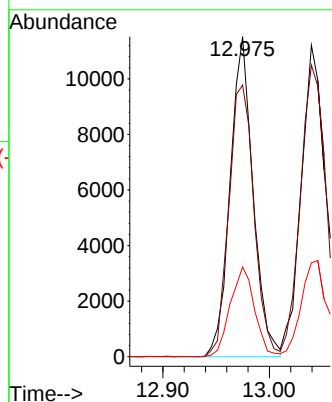
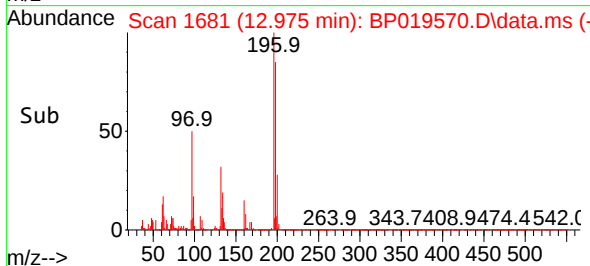
200 28.1 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2024

Supervised By :mohammad ahmed 02/08/2024



#44

2,4,5-Trichlorophenol

Concen: 3.172 ng

RT: 13.040 min Scan# 1692

Delta R.T. -0.012 min

Lab File: BP019570.D

Acq: 06 Feb 2024 13:04

Tgt Ion:196 Resp: 17954

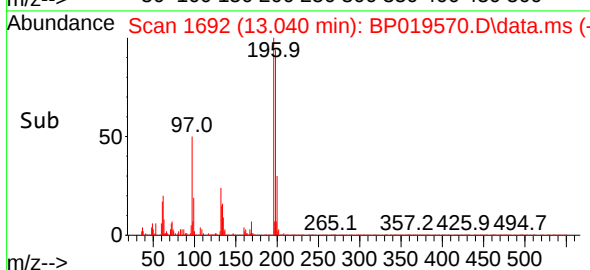
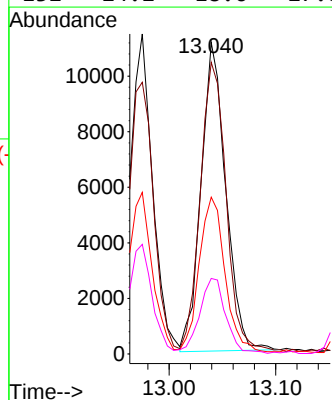
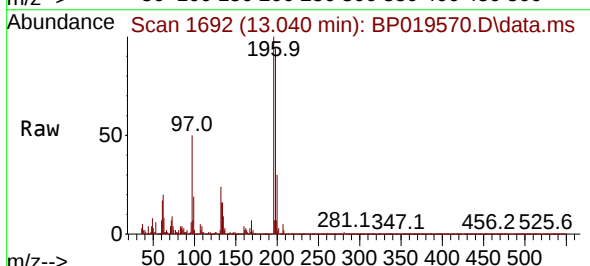
Ion Ratio Lower Upper

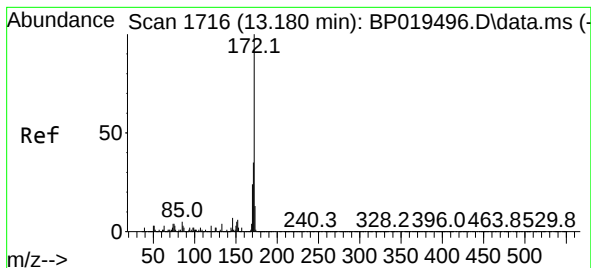
196 100

198 93.6 77.5 116.3

97 50.3 39.9 59.9

132 24.2 18.6 27.8





#45

2-Fluorobiphenyl

Concen: 76.173 ng

RT: 13.169 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP019570.D

Acq: 06 Feb 2024 13:04

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT4-2023

Tgt Ion:172 Resp: 136008

Ion Ratio Lower Upper

172 100

171 35.5 28.2 42.4

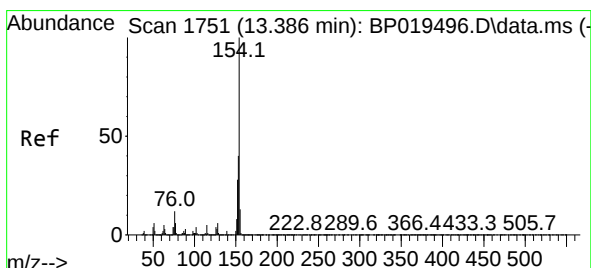
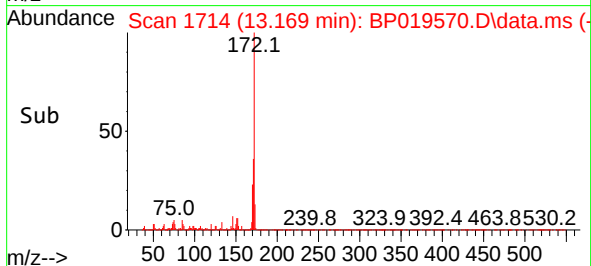
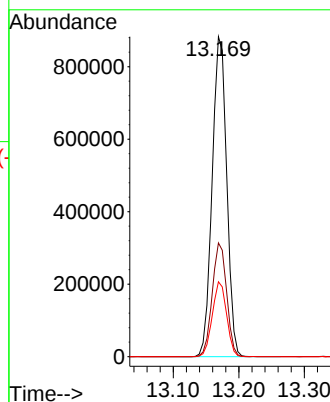
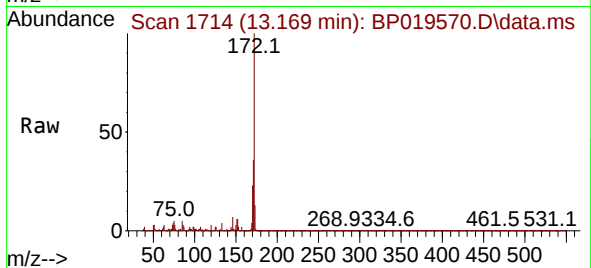
170 23.4 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2024

Supervised By :mohammad ahmed 02/08/2024



#46

1,1'-Biphenyl

Concen: 3.745 ng

RT: 13.381 min Scan# 1750

Delta R.T. -0.006 min

Lab File: BP019570.D

Acq: 06 Feb 2024 13:04

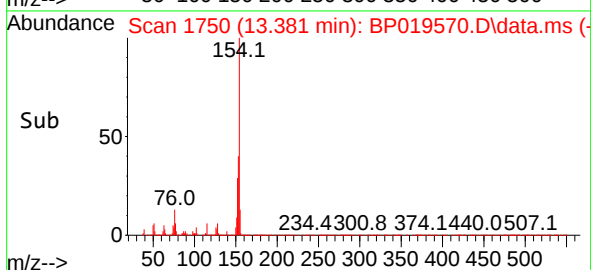
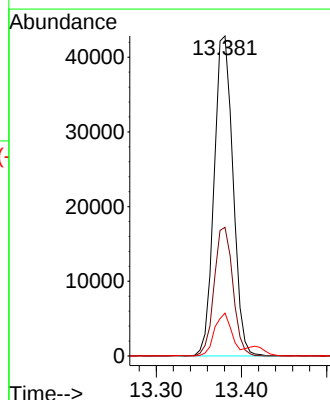
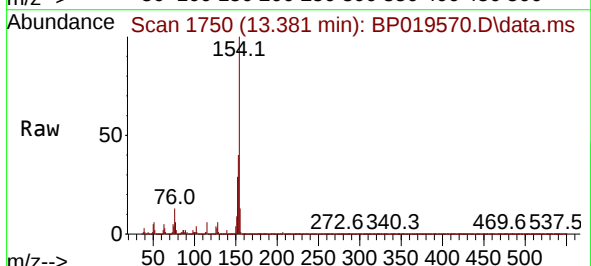
Tgt Ion:154 Resp: 65983

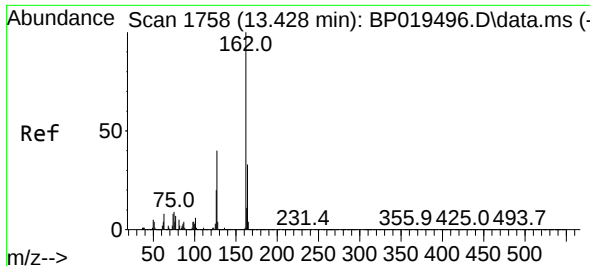
Ion Ratio Lower Upper

154 100

153 40.2 20.2 60.2

76 13.4 0.0 31.6





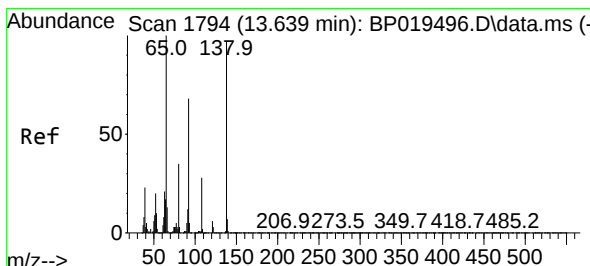
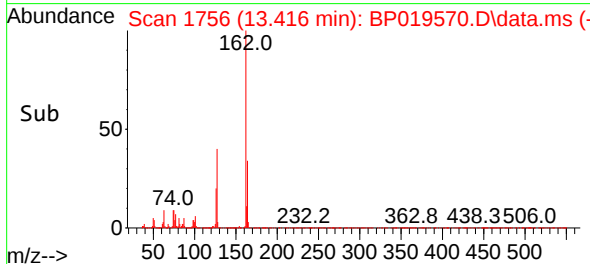
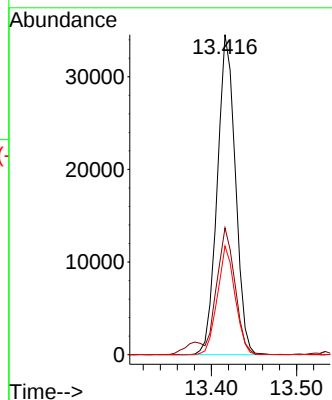
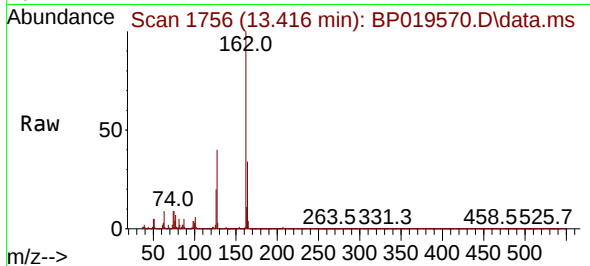
#47
2-Chloronaphthalene
Concen: 3.527 ng
RT: 13.416 min Scan# 1756
Delta R.T. -0.012 min
Lab File: BP019570.D
Acq: 06 Feb 2024 13:04

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2023

Tgt Ion:162 Resp: 5101
Ion Ratio Lower Upper
162 100
127 39.7 32.1 48.1
164 34.0 26.7 40.1

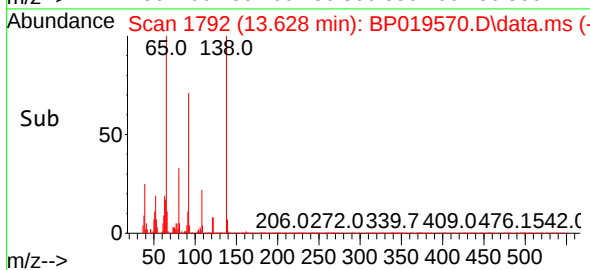
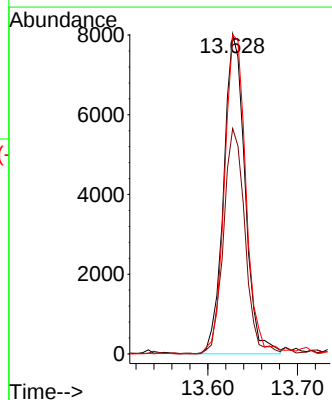
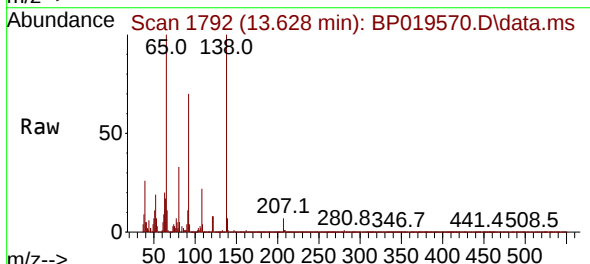
Manual Integrations
APPROVED

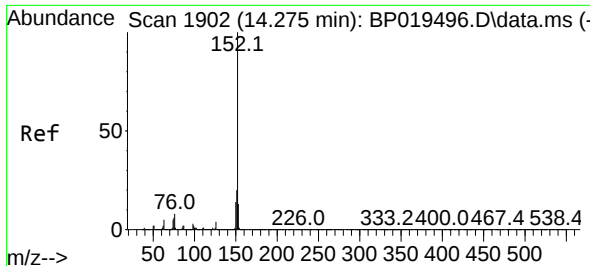
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#48
2-Nitroaniline
Concen: 3.272 ng
RT: 13.628 min Scan# 1792
Delta R.T. -0.012 min
Lab File: BP019570.D
Acq: 06 Feb 2024 13:04

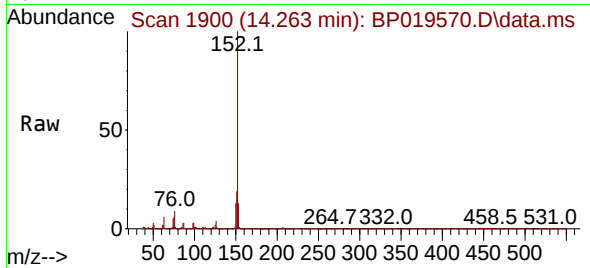
Tgt Ion: 65 Resp: 13230
Ion Ratio Lower Upper
65 100
92 70.4 54.7 82.1
138 99.7 77.8 116.6





#49
Acenaphthylene
Concen: 3.990 ng
RT: 14.263 min Scan# 1902
Delta R.T. -0.012 min
Lab File: BP019570.D
Acq: 06 Feb 2024 13:04

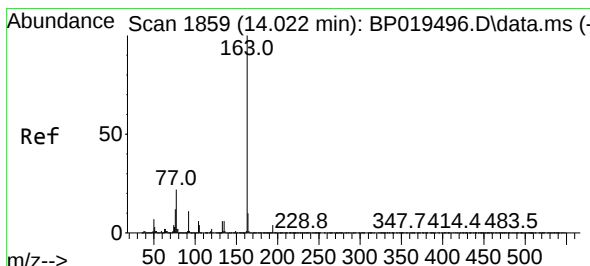
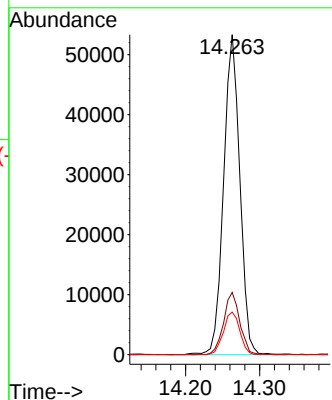
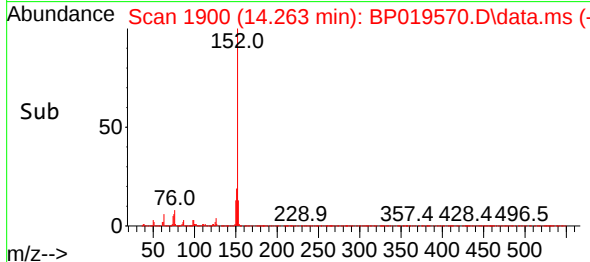
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2023



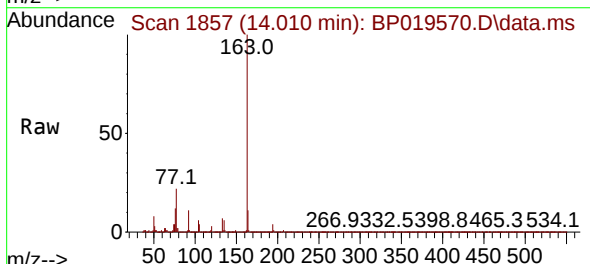
Tgt Ion:152 Resp: 80952
Ion Ratio Lower Upper
152 100
151 19.5 15.8 23.6
153 13.3 10.6 15.8

Manual Integrations
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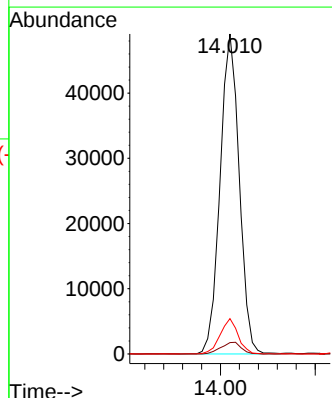
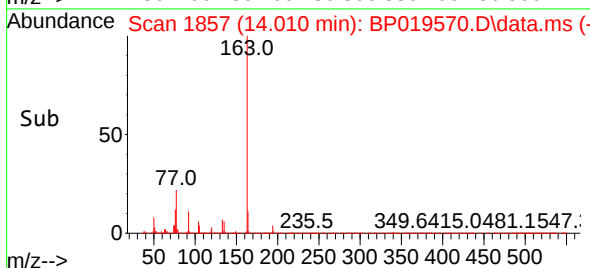
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024

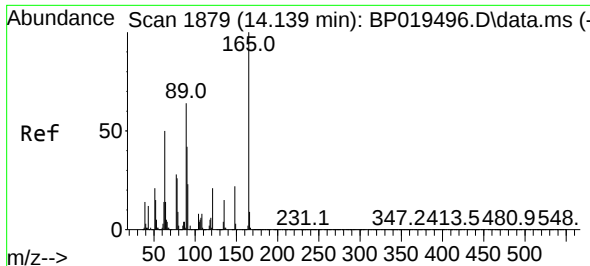


#50
Dimethylphthalate
Concen: 4.082 ng
RT: 14.010 min Scan# 1857
Delta R.T. -0.012 min
Lab File: BP019570.D
Acq: 06 Feb 2024 13:04



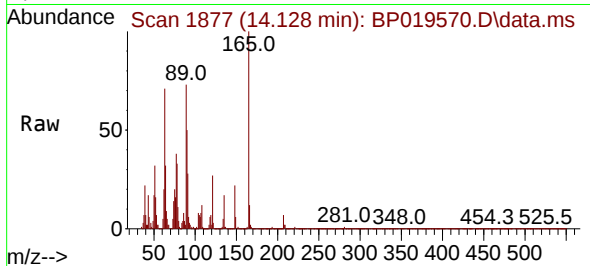
Tgt Ion:163 Resp: 68982
Ion Ratio Lower Upper
163 100
194 3.5 3.4 5.2
164 11.0 7.8 11.6





#51
2,6-Dinitrotoluene
Concen: 3.489 ng
RT: 14.128 min Scan# 1879
Delta R.T. -0.012 min
Lab File: BP019570.D
Acq: 06 Feb 2024 13:04

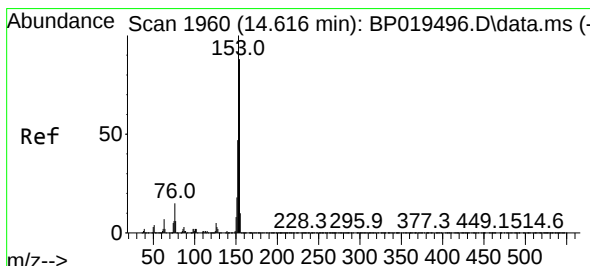
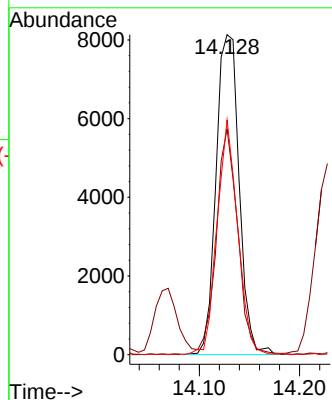
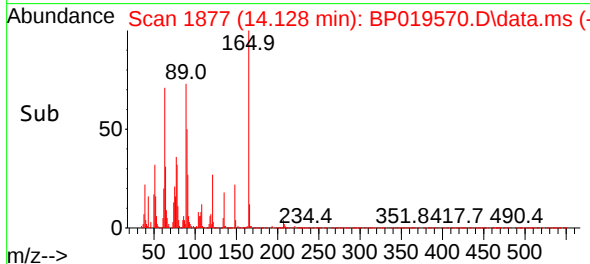
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2023



Tgt Ion:165 Resp: 12954
Ion Ratio Lower Upper
165 100
63 70.5 50.4 75.6
89 73.4 51.7 77.5

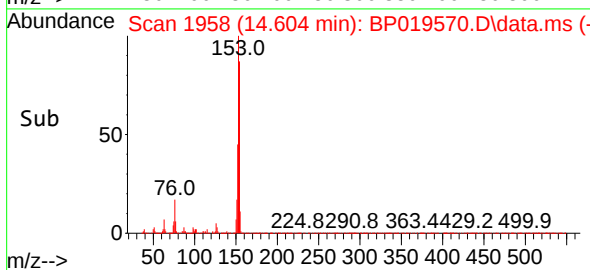
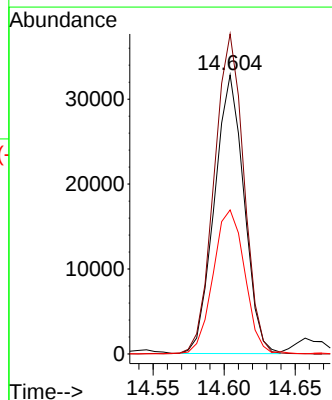
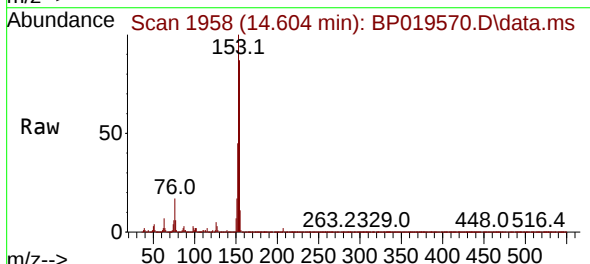
Manual Integrations
APPROVED

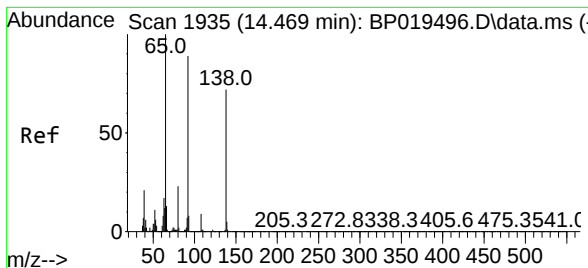
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#52
Acenaphthene
Concen: 3.779 ng
RT: 14.604 min Scan# 1958
Delta R.T. -0.012 min
Lab File: BP019570.D
Acq: 06 Feb 2024 13:04

Tgt Ion:154 Resp: 47586
Ion Ratio Lower Upper
154 100
153 114.7 90.5 135.7
152 51.6 42.1 63.1





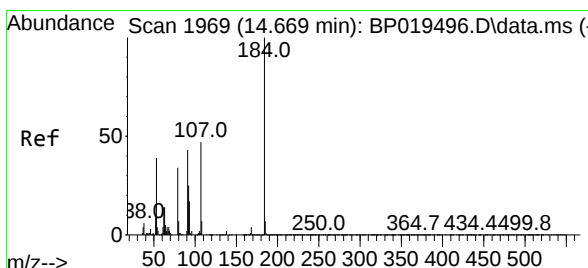
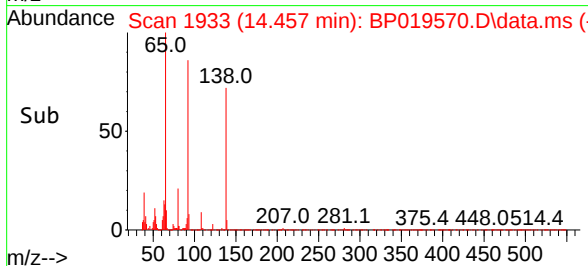
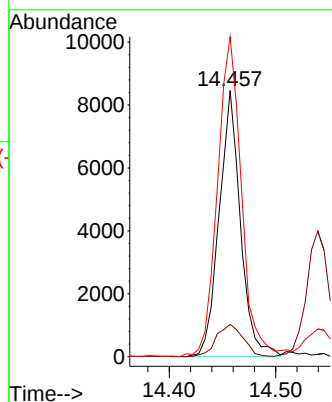
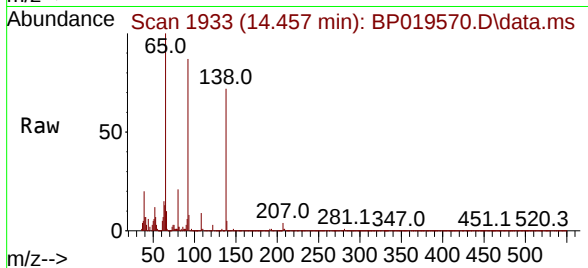
#53
3-Nitroaniline
Concen: 3.442 ng
RT: 14.457 min Scan# 1933
Delta R.T. -0.012 min
Lab File: BP019570.D
Acq: 06 Feb 2024 13:04

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2023

Tgt Ion:138 Resp: 11749
Ion Ratio Lower Upper
138 100
108 12.2 9.7 14.5
92 120.3 98.0 147.0

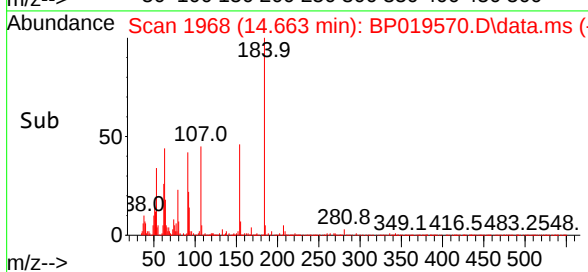
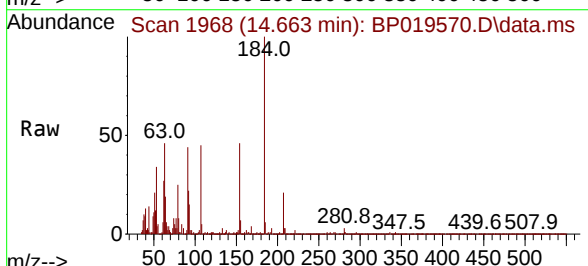
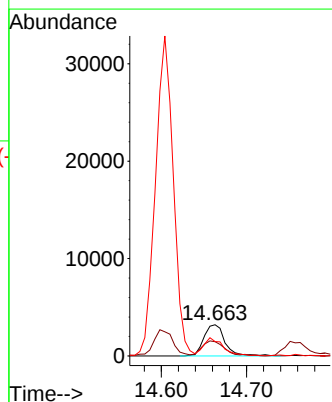
Manual Integrations
APPROVED

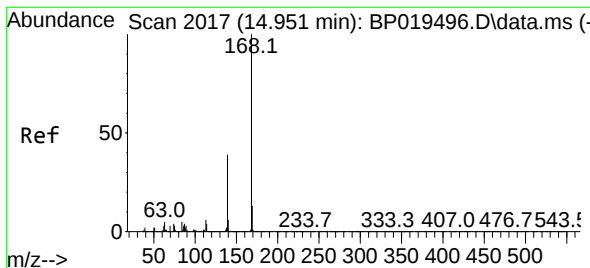
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#54
2,4-Dinitrophenol
Concen: 2.848 ng
RT: 14.663 min Scan# 1968
Delta R.T. -0.006 min
Lab File: BP019570.D
Acq: 06 Feb 2024 13:04

Tgt Ion:184 Resp: 5489
Ion Ratio Lower Upper
184 100
63 45.7 50.5 75.7#
154 46.2 53.4 80.0#





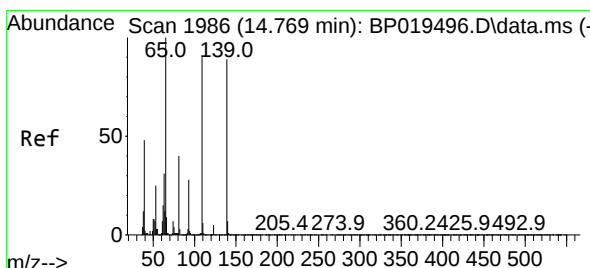
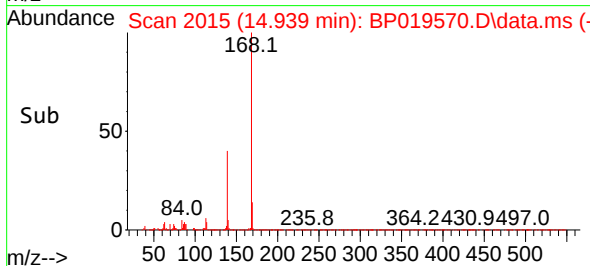
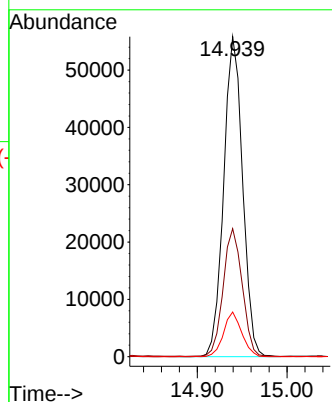
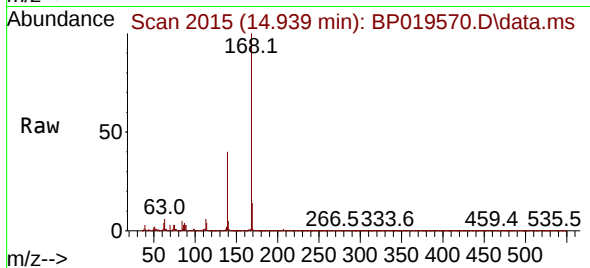
#55
Dibenzenofuran
Concen: 3.985 ng
RT: 14.939 min Scan# 2017
Delta R.T. -0.012 min
Lab File: BP019570.D
Acq: 06 Feb 2024 13:04

Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT4-2023

Tgt Ion:168 Resp: 8173
Ion Ratio Lower Upper
168 100
139 40.0 31.5 47.3
169 14.0 10.3 15.5

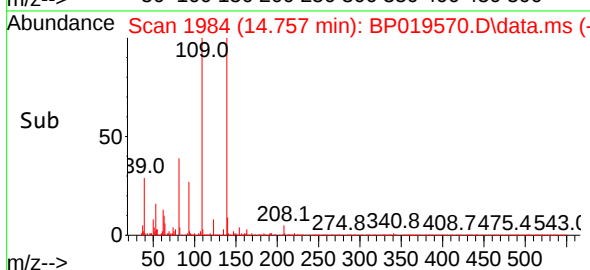
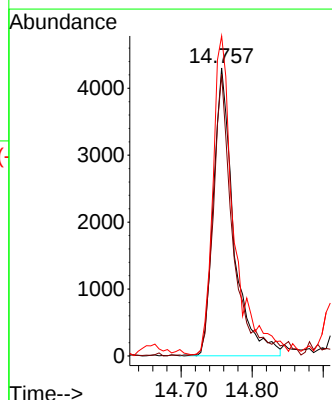
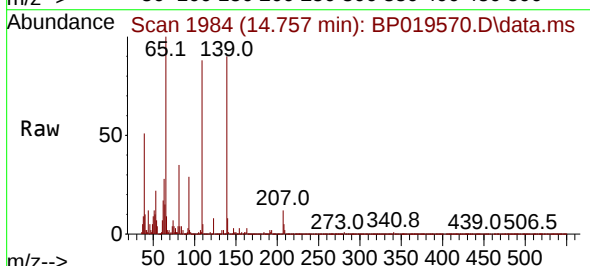
Manual Integrations
APPROVED

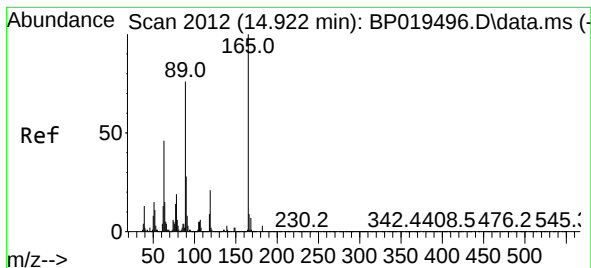
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#56
4-Nitrophenol
Concen: 3.046 ng
RT: 14.757 min Scan# 1984
Delta R.T. -0.012 min
Lab File: BP019570.D
Acq: 06 Feb 2024 13:04

Tgt Ion:139 Resp: 8518
Ion Ratio Lower Upper
139 100
109 97.8 82.0 122.0
65 111.1 92.9 132.9





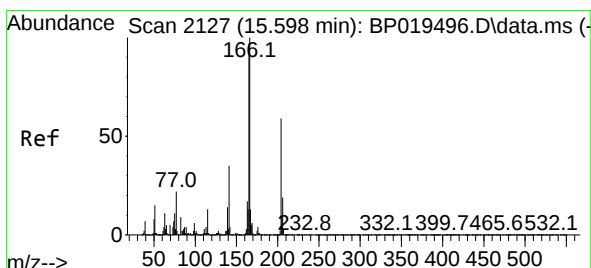
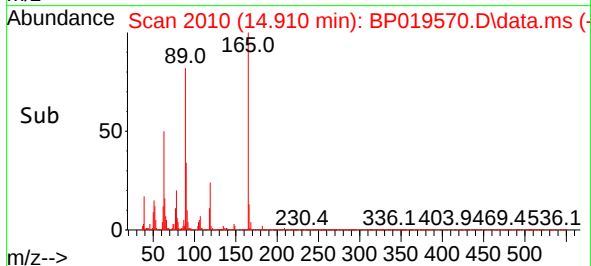
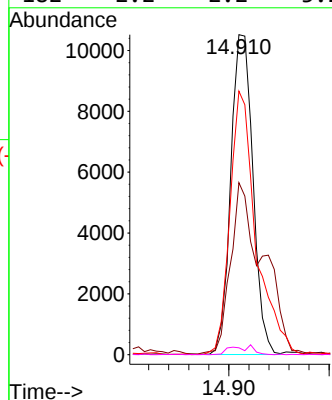
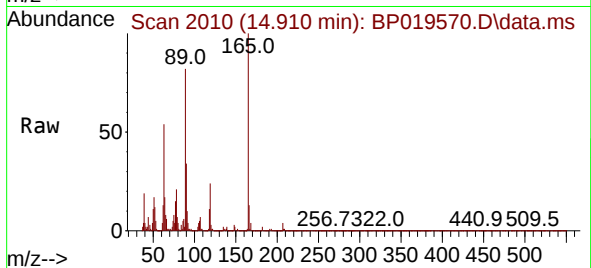
#57
2,4-Dinitrotoluene
Concen: 3.325 ng
RT: 14.910 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BP019570.D
Acq: 06 Feb 2024 13:04

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2023

Tgt Ion:165 Resp: 1617
Ion Ratio Lower Upper
165 100
63 53.8 36.9 55.3
89 82.3 61.1 91.7
182 2.2 2.2 3.2

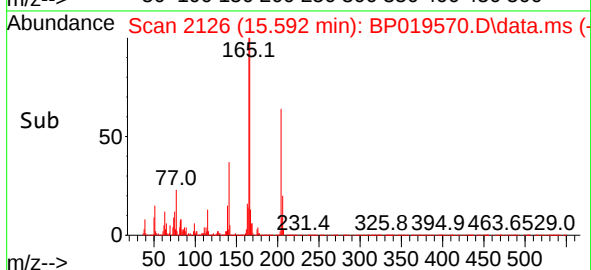
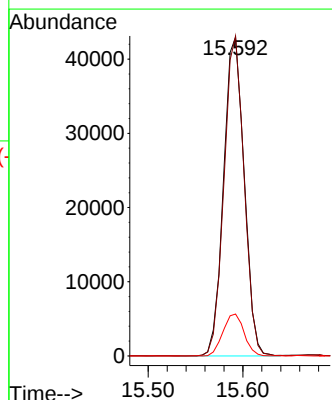
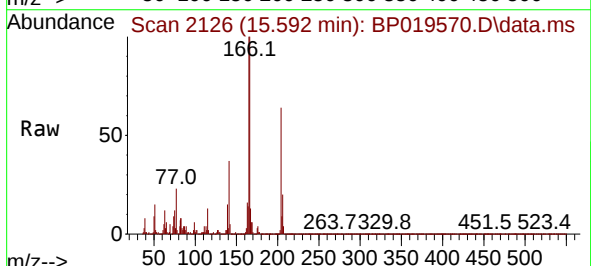
Manual Integrations
APPROVED

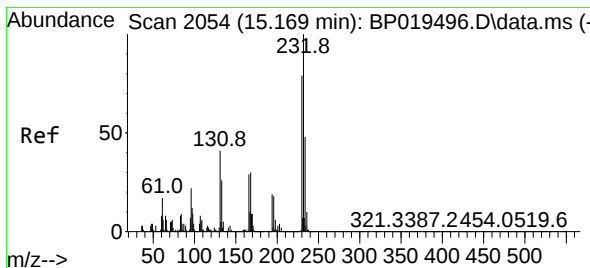
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#58
Fluorene
Concen: 3.978 ng
RT: 15.592 min Scan# 2126
Delta R.T. -0.006 min
Lab File: BP019570.D
Acq: 06 Feb 2024 13:04

Tgt Ion:166 Resp: 64976
Ion Ratio Lower Upper
166 100
165 100.4 77.8 116.8
167 13.2 10.7 16.1





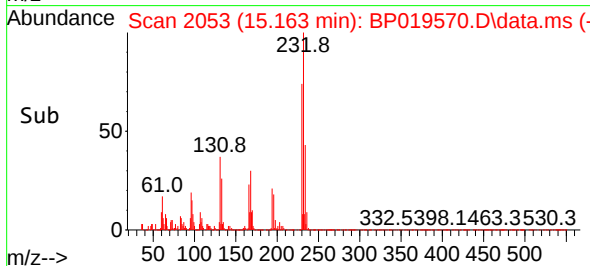
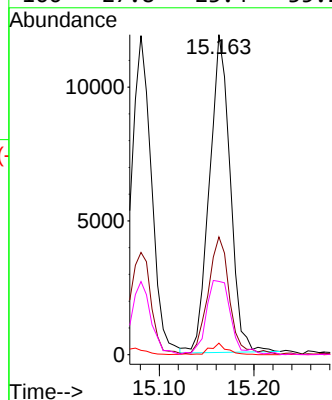
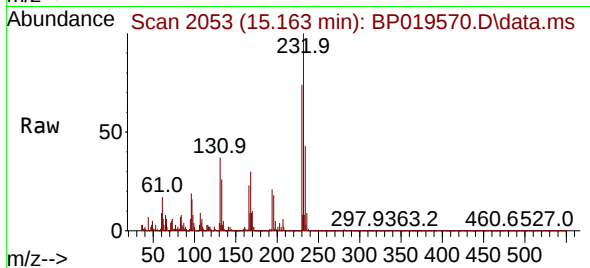
#59
2,3,4,6-Tetrachlorophenol
Concen: 3.784 ng
RT: 15.163 min Scan# 2054
Delta R.T. -0.006 min
Lab File: BP019570.D
Acq: 06 Feb 2024 13:04

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2023

Tgt Ion:232	Resp:	1801
Ion Ratio	Lower	Upper
232	100	
131	38.1	32.4 48.6
130	2.8	1.9 2.9
166	27.8	23.4 35.2

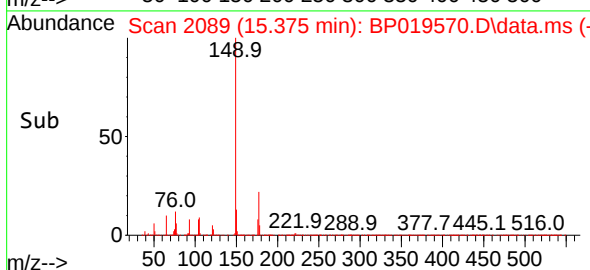
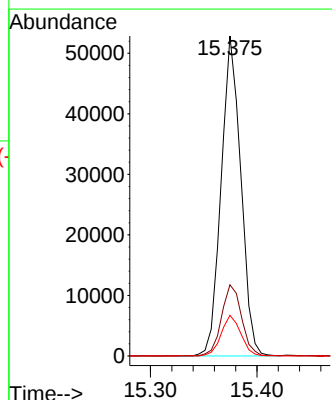
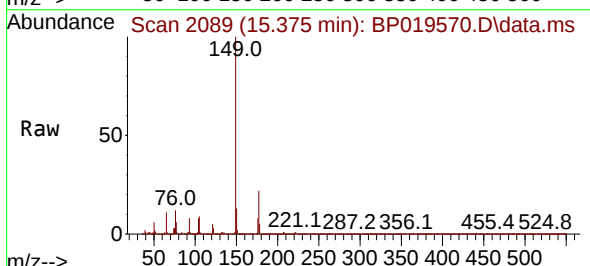
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#60
Diethylphthalate
Concen: 4.027 ng
RT: 15.375 min Scan# 2089
Delta R.T. -0.012 min
Lab File: BP019570.D
Acq: 06 Feb 2024 13:04

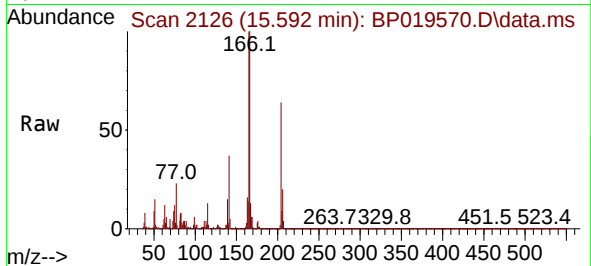
Tgt Ion:149	Resp:	67676
Ion Ratio	Lower	Upper
149	100	
177	22.2	18.2 27.2
150	12.7	10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 4.021 ng
RT: 15.592 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BP019570.D
Acq: 06 Feb 2024 13:04

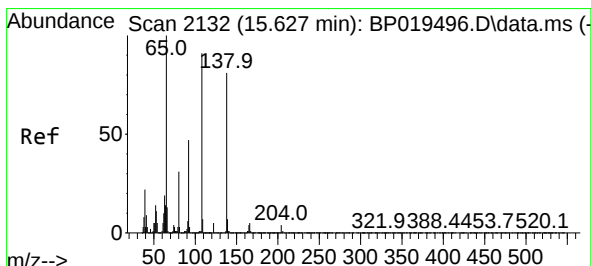
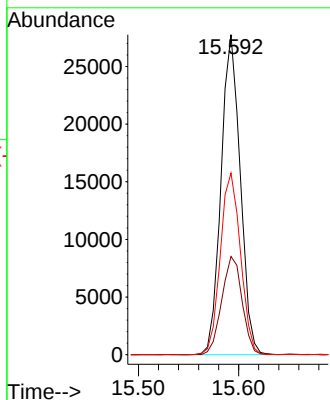
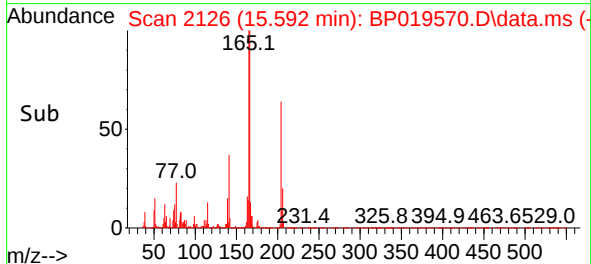
Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT4-2023



Tgt Ion:204 Resp: 36919
Ion Ratio Lower Upper
204 100
206 30.7 26.5 39.7
141 56.8 48.5 72.7

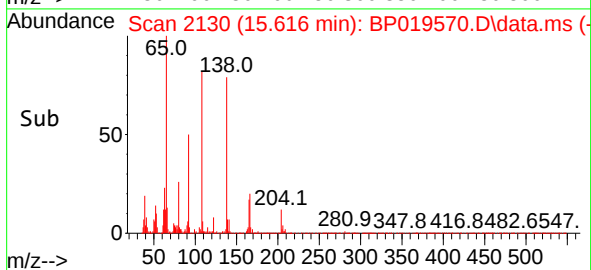
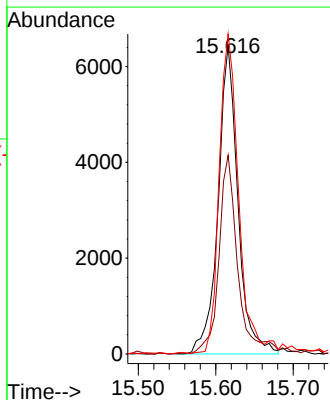
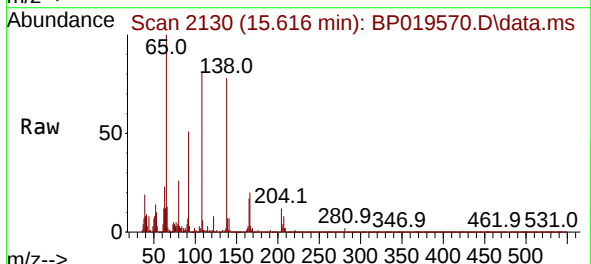
Manual Integrations
APPROVED

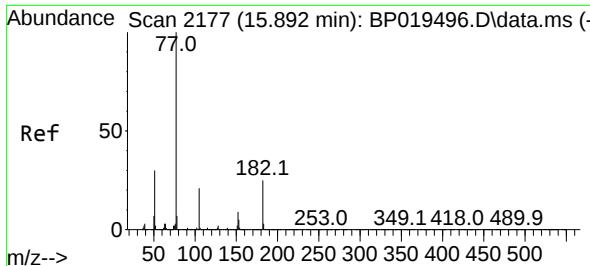
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#62
4-Nitroaniline
Concen: 3.202 ng
RT: 15.616 min Scan# 2130
Delta R.T. -0.012 min
Lab File: BP019570.D
Acq: 06 Feb 2024 13:04

Tgt Ion:138 Resp: 11451
Ion Ratio Lower Upper
138 100
92 64.4 38.3 78.3
108 103.8 91.2 131.2





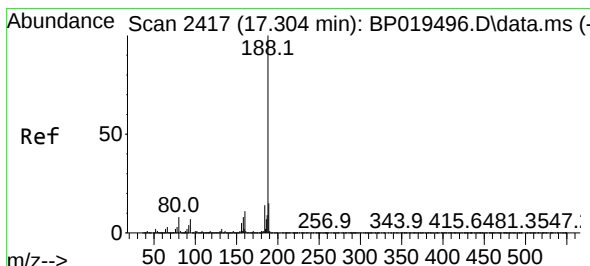
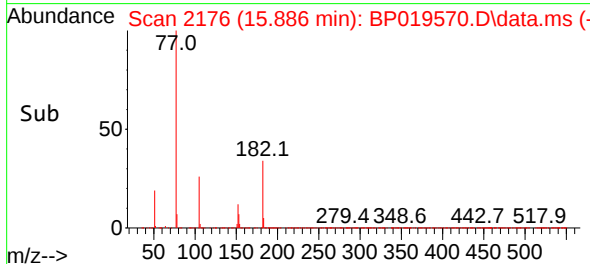
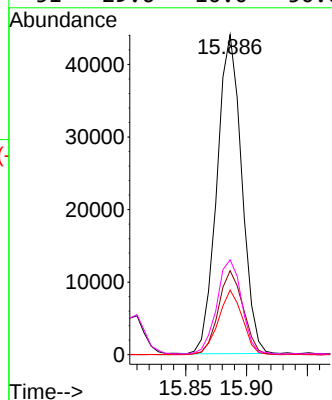
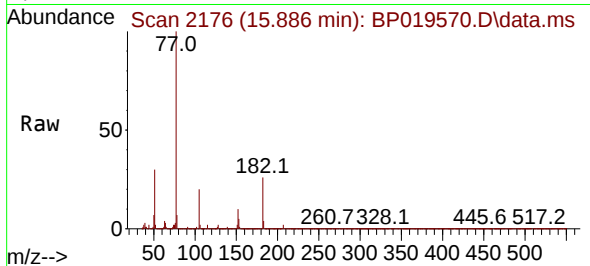
#63
Azobenzene
Concen: 3.831 ng
RT: 15.886 min Scan# 2177
Delta R.T. -0.006 min
Lab File: BP019570.D
Acq: 06 Feb 2024 13:04

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2023

Tgt Ion: 77	Resp: 6227
Ion Ratio	Lower Upper
77 100	
182 26.2	5.1 45.1
105 20.2	0.8 40.8
51 29.6	10.0 50.0

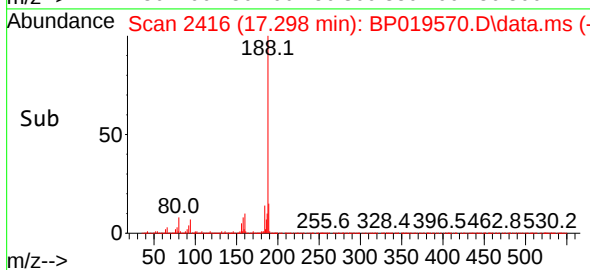
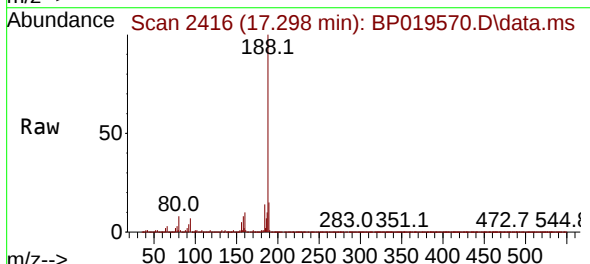
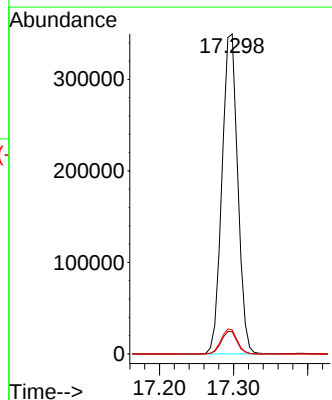
Manual Integrations
APPROVED

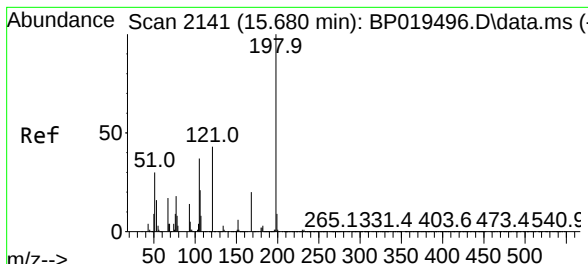
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.298 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BP019570.D
Acq: 06 Feb 2024 13:04

Tgt Ion:188	Resp: 516785
Ion Ratio	Lower Upper
188 100	
94 7.0	5.4 8.2
80 7.5	6.3 9.5





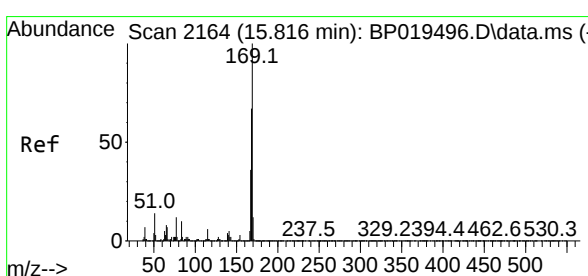
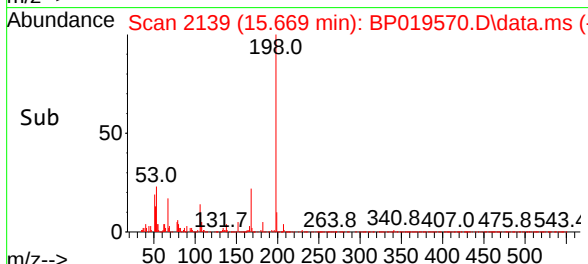
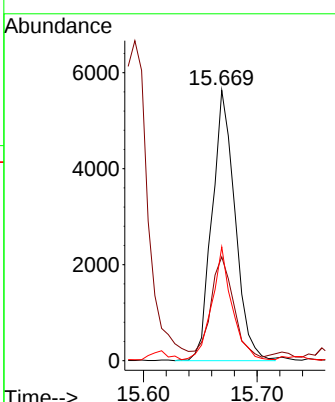
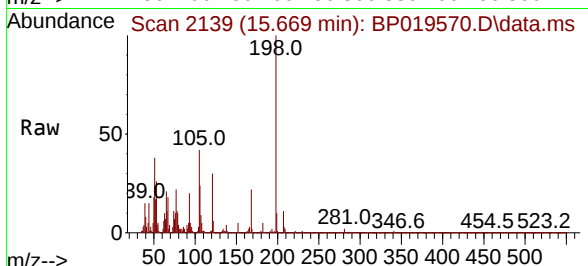
#65
 4,6-Dinitro-2-methylphenol
 Concen: 2.690 ng
 RT: 15.669 min Scan# 2113
 Delta R.T. -0.012 min
 Lab File: BP019570.D
 Acq: 06 Feb 2024 13:04

Instrument : BNA_P
 ClientSampleId : MDL-WATER-03-QT4-2023

Tgt Ion:	198	Resp:	7920
Ion Ratio	Lower	Upper	
198	100		
51	38.4	21.2	61.2
105	42.0	19.1	59.1

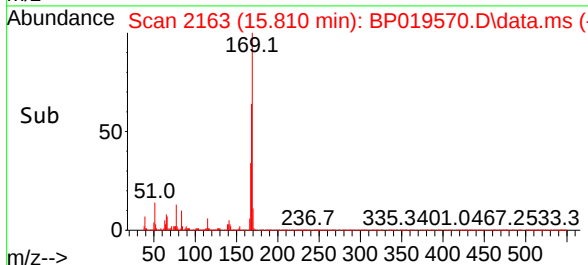
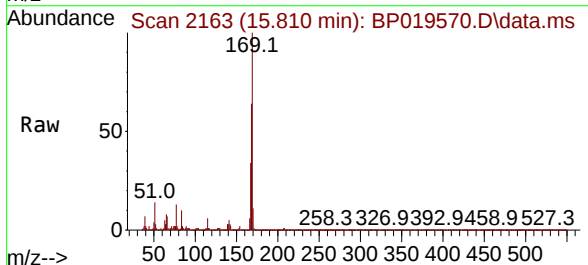
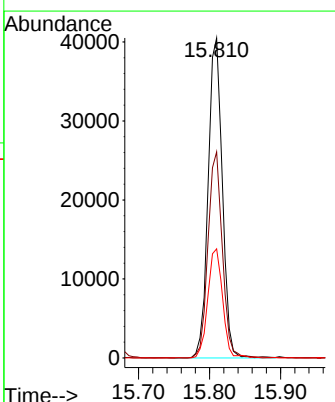
Manual Integrations
 APPROVED

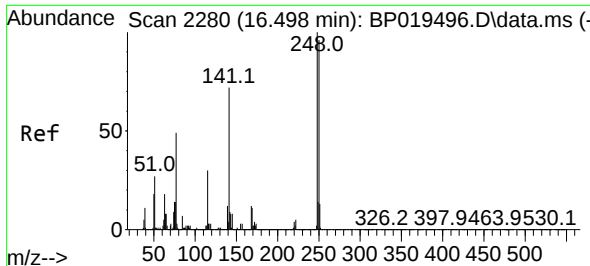
Reviewed By :Jagrut Upadhyay 02/07/2024
 Supervised By :mohammad ahmed 02/08/2024



#66
 n-Nitrosodiphenylamine
 Concen: 3.620 ng
 RT: 15.810 min Scan# 2163
 Delta R.T. -0.006 min
 Lab File: BP019570.D
 Acq: 06 Feb 2024 13:04

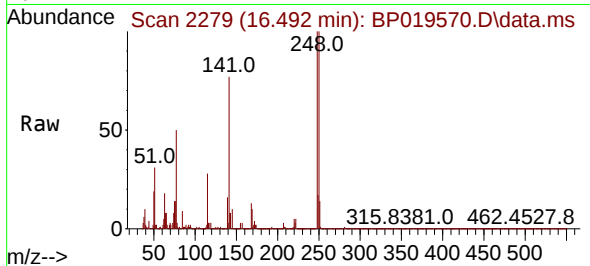
Tgt Ion:	169	Resp:	56034
Ion Ratio	Lower	Upper	
169	100		
168	64.4	53.4	80.2
167	34.1	28.9	43.3





#67
4-Bromophenyl-phenylether
Concen: 3.446 ng
RT: 16.492 min Scan# 2280
Delta R.T. -0.006 min
Lab File: BP019570.D
Acq: 06 Feb 2024 13:04

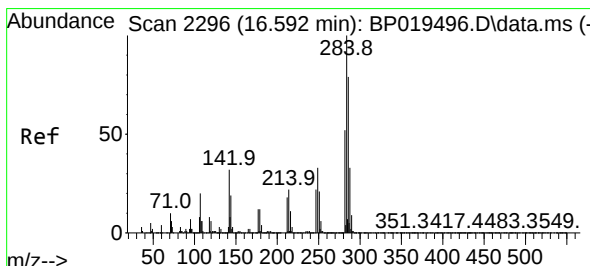
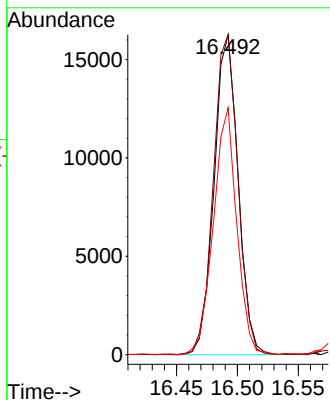
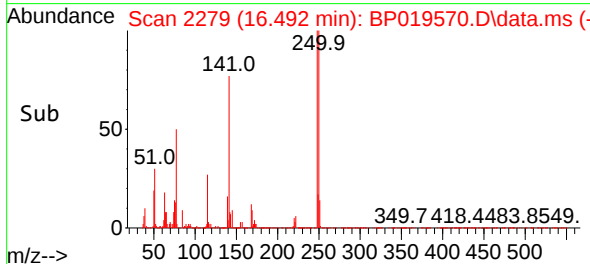
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2023



Tgt Ion:248 Resp: 2226
Ion Ratio Lower Upper
248 100
250 100.1 76.9 115.3
141 77.3 58.0 87.0

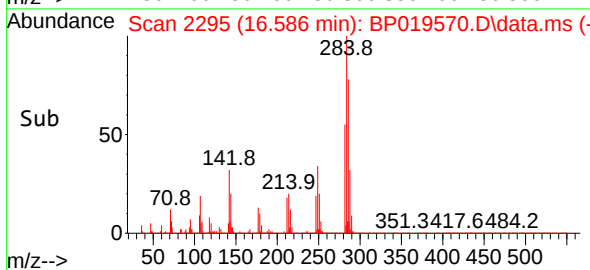
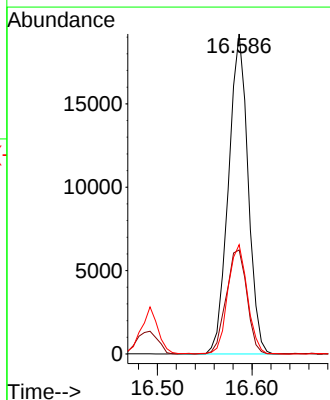
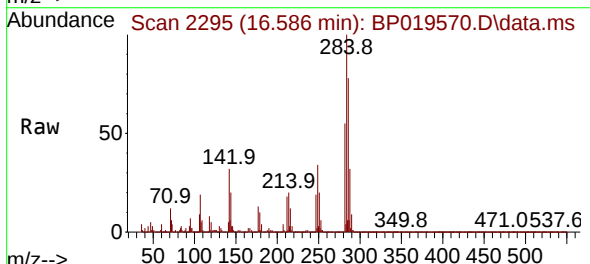
Manual Integrations
APPROVED

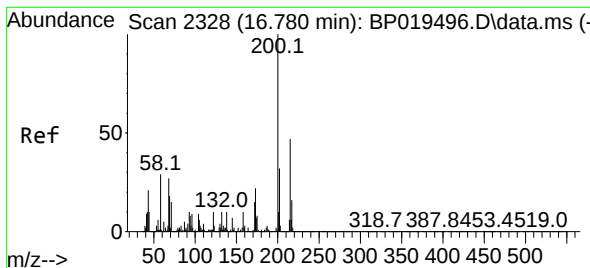
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#68
Hexachlorobenzene
Concen: 3.649 ng
RT: 16.586 min Scan# 2295
Delta R.T. -0.006 min
Lab File: BP019570.D
Acq: 06 Feb 2024 13:04

Tgt Ion:284 Resp: 27530
Ion Ratio Lower Upper
284 100
142 32.5 25.4 38.2
249 34.1 26.5 39.7





#69

Atrazine

Concen: 4.256 ng

RT: 16.769 min Scan# 2185

Delta R.T. -0.012 min

Lab File: BP019570.D

Acq: 06 Feb 2024 13:04

Instrument :

BNA_P

ClientSampleId :

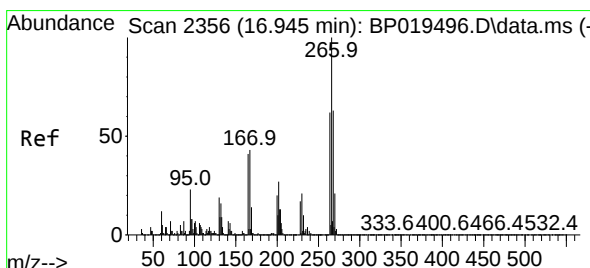
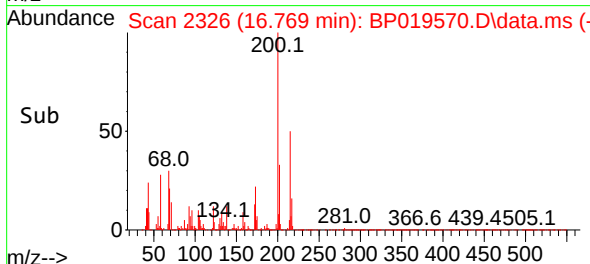
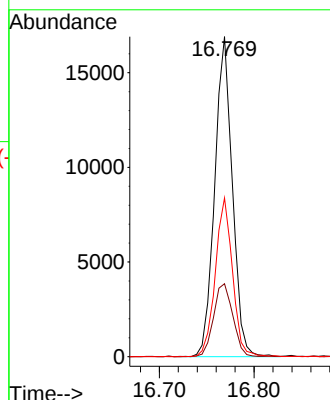
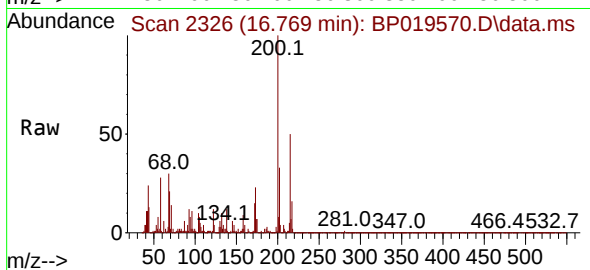
MDL-WATER-03-QT4-2023

Tgt Ion:200	Resp:	2185
Ion Ratio	Lower	Upper
200	100	
173	22.8	1.7 41.7
215	49.6	26.9 66.9

Manual Integrations

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Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#70

Pentachlorophenol

Concen: 2.644 ng

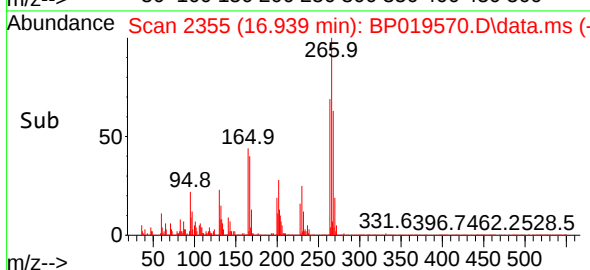
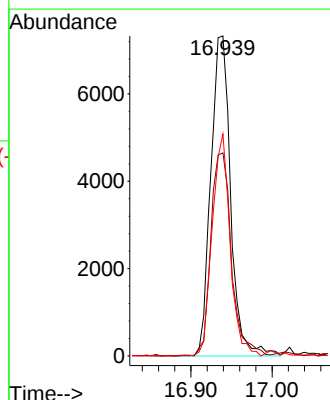
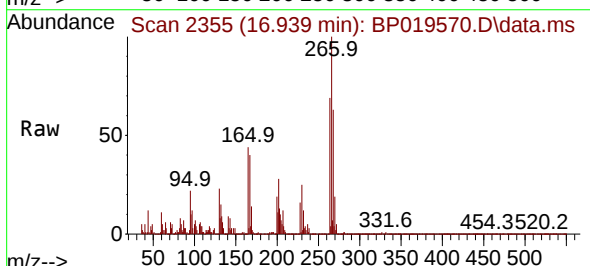
RT: 16.939 min Scan# 2355

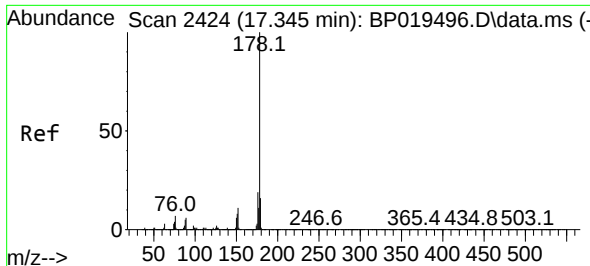
Delta R.T. -0.006 min

Lab File: BP019570.D

Acq: 06 Feb 2024 13:04

Tgt Ion:266	Resp:	12424
Ion Ratio	Lower	Upper
266	100	
268	63.4	50.3 75.5
264	69.3	49.7 74.5





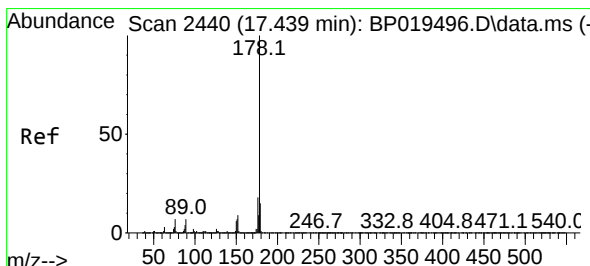
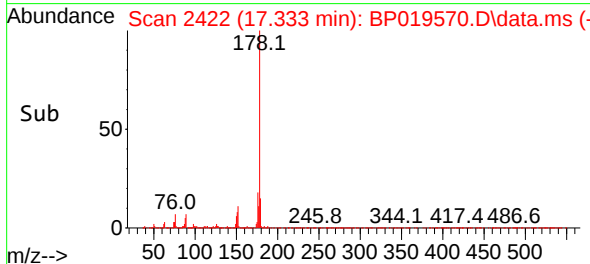
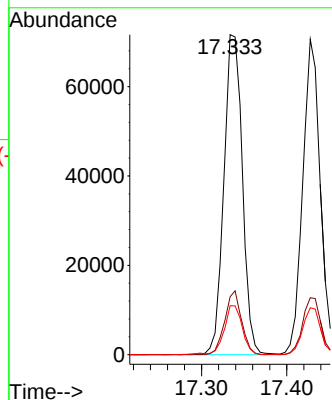
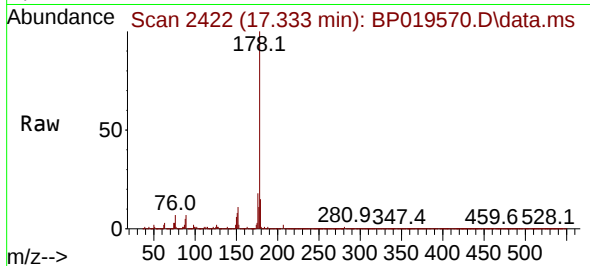
#71
Phenanthrene
Concen: 3.969 ng
RT: 17.333 min Scan# 2422
Delta R.T. -0.012 min
Lab File: BP019570.D
Acq: 06 Feb 2024 13:04

Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT4-2023

Tgt Ion:178 Resp: 107940
Ion Ratio Lower Upper
178 100
176 18.1 15.5 23.3
179 15.3 12.6 19.0

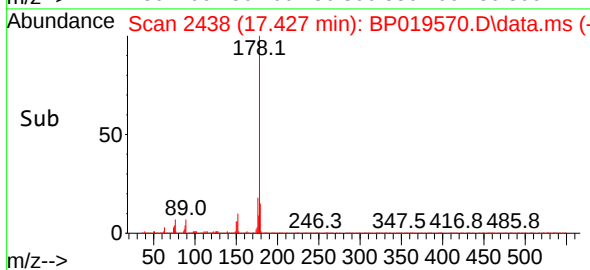
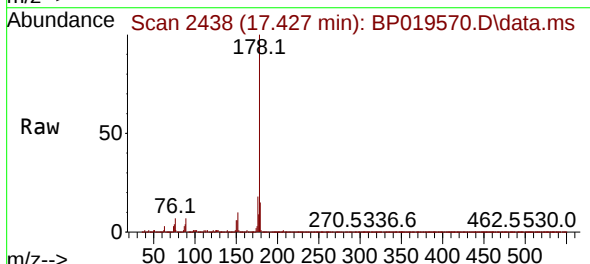
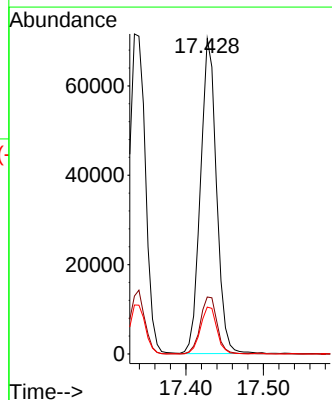
Manual Integrations
APPROVED

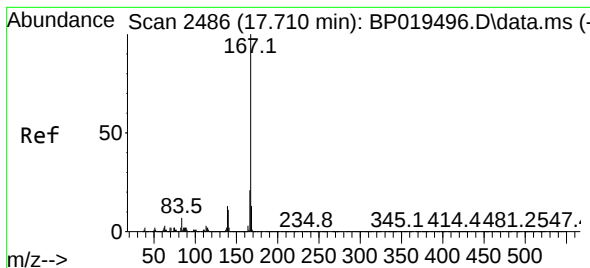
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#72
Anthracene
Concen: 3.733 ng
RT: 17.427 min Scan# 2438
Delta R.T. -0.012 min
Lab File: BP019570.D
Acq: 06 Feb 2024 13:04

Tgt Ion:178 Resp: 101280
Ion Ratio Lower Upper
178 100
176 18.0 14.7 22.1
179 14.9 12.2 18.2





#73

Carbazole

Concen: 3.544 ng

RT: 17.704 min Scan# 2486

Delta R.T. -0.006 min

Lab File: BP019570.D

Acq: 06 Feb 2024 13:04

Instrument :

BNA_P

ClientSampleId :

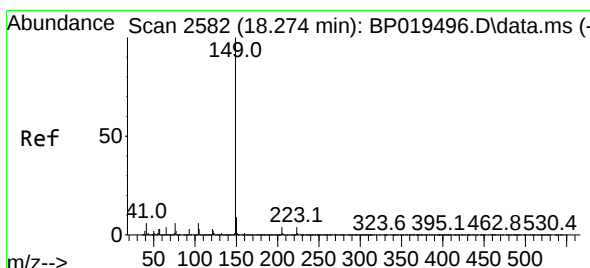
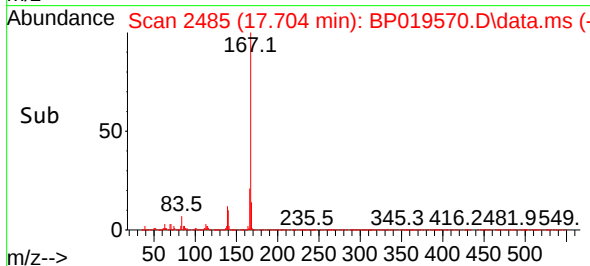
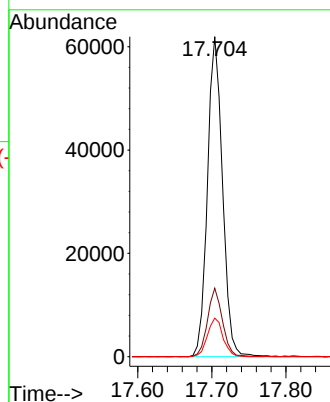
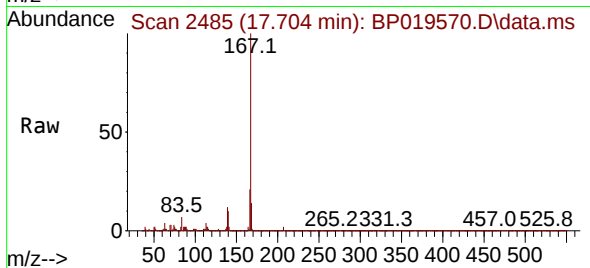
MDL-WATER-03-QT4-2023

Tgt Ion:	167	Resp:	8735
Ion Ratio	Lower	Upper	
167	100		
166	21.4	17.2	25.8
139	12.0	10.6	15.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#74

Di-n-butylphthalate

Concen: 3.374 ng

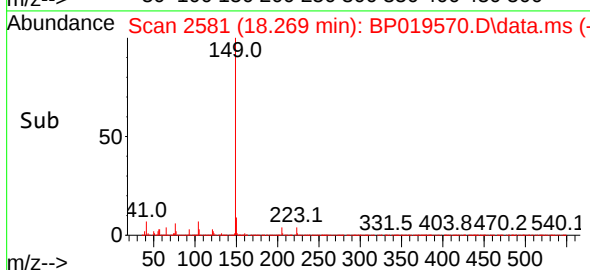
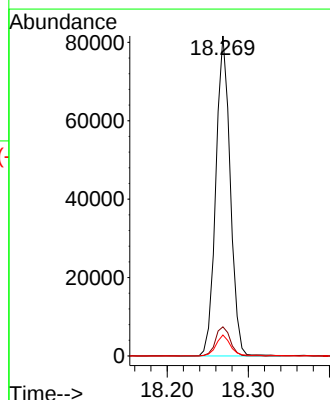
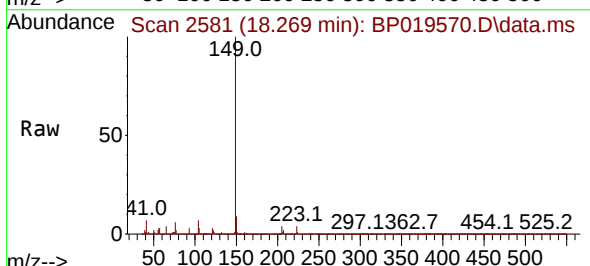
RT: 18.269 min Scan# 2581

Delta R.T. -0.006 min

Lab File: BP019570.D

Acq: 06 Feb 2024 13:04

Tgt Ion:	149	Resp:	100537
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.3	10.9
104	6.6	4.8	7.2



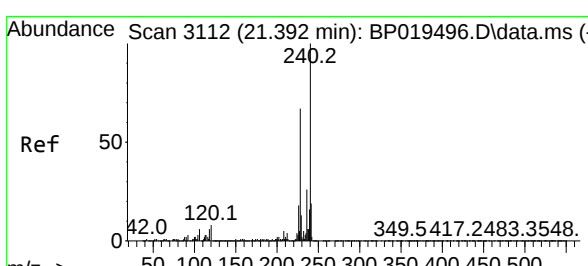
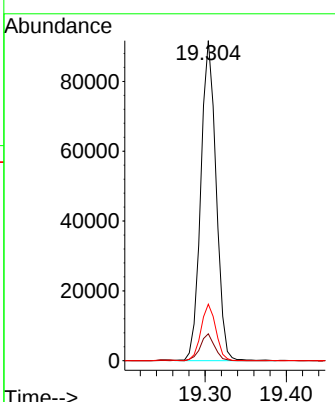
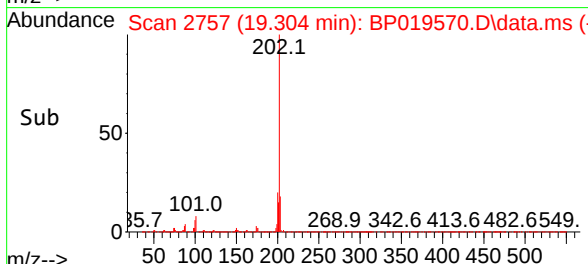
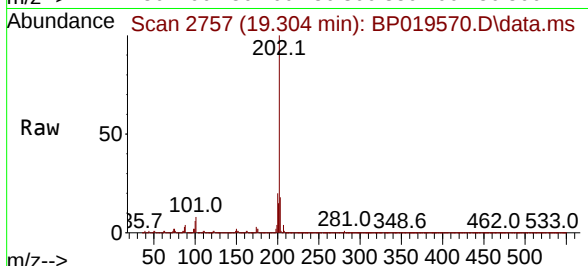


#75
 Fluoranthene
 Concen: 3.607 ng
 RT: 19.304 min Scan# 2111
 Delta R.T. -0.006 min
 Lab File: BP019570.D
 Acq: 06 Feb 2024 13:04

Instrument : BNA_P
 ClientSampleId : MDL-WATER-03-QT4-2023

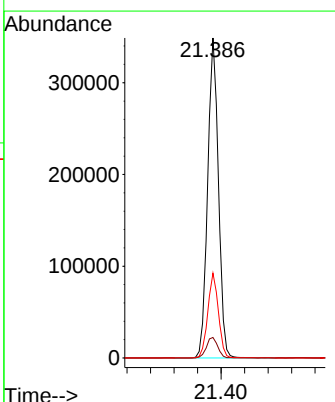
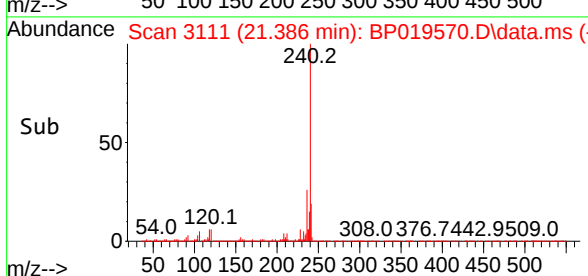
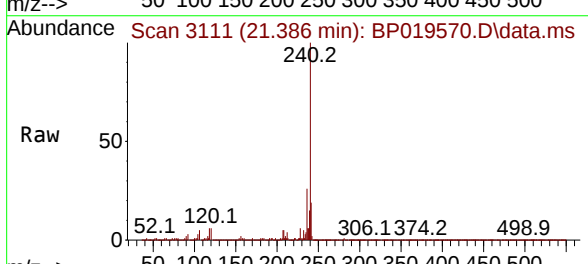
Tgt Ion:	202	Resp:	11984
Ion Ratio	Lower	Upper	
202	100		
101	8.4	0.0	27.7
203	17.6	0.0	37.5

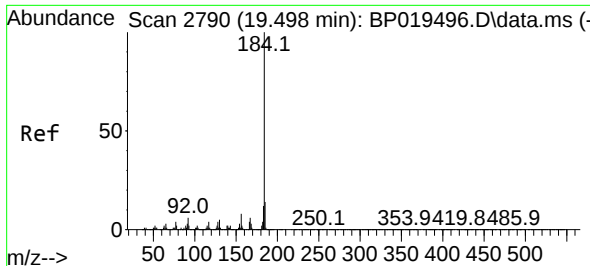
Manual Integrations
APPROVED
 Reviewed By :Jagrut Upadhyay 02/07/2024
 Supervised By :mohammad ahmed 02/08/2024



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.386 min Scan# 3111
 Delta R.T. -0.006 min
 Lab File: BP019570.D
 Acq: 06 Feb 2024 13:04

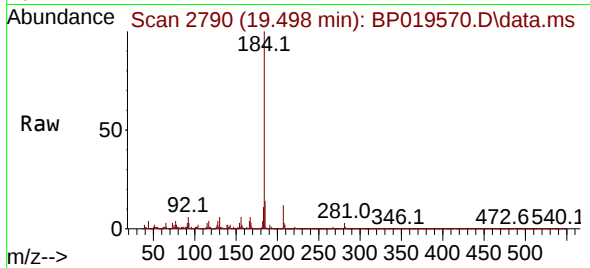
Tgt Ion:	240	Resp:	443676
Ion Ratio	Lower	Upper	
240	100		
120	6.4	6.1	9.1
236	26.5	20.7	31.1





#77
Benzidine
Concen: 4.715 ng
RT: 19.498 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP019570.D
Acq: 06 Feb 2024 13:04

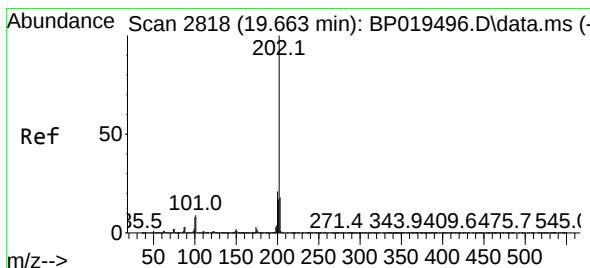
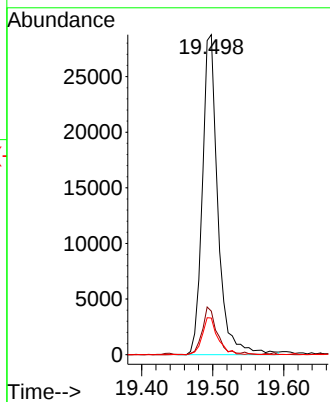
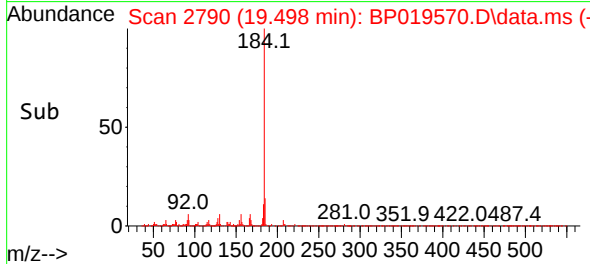
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2023



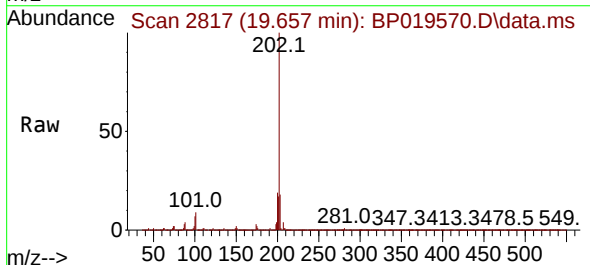
Tgt Ion:184 Resp: 43734
Ion Ratio Lower Upper
184 100
185 13.6 11.1 16.7
183 11.4 9.7 14.5

Manual Integrations
APPROVED

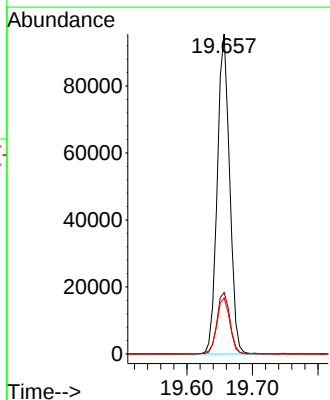
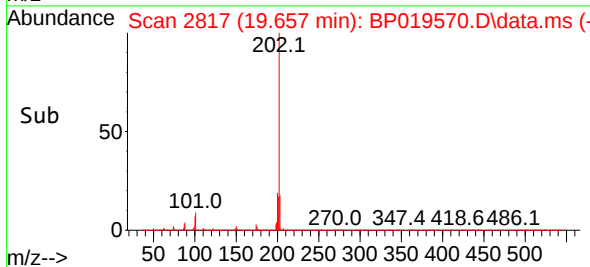
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#78
Pyrene
Concen: 3.974 ng
RT: 19.657 min Scan# 2817
Delta R.T. -0.006 min
Lab File: BP019570.D
Acq: 06 Feb 2024 13:04



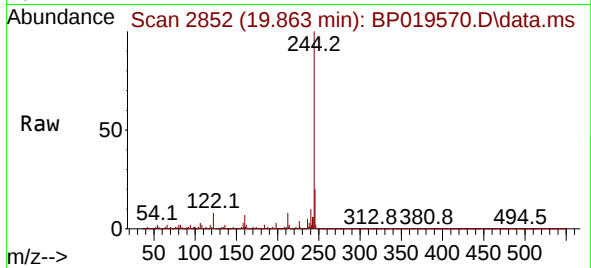
Tgt Ion:202 Resp: 124450
Ion Ratio Lower Upper
202 100
200 19.2 16.9 25.3
203 17.5 14.2 21.2





#79
 Terphenyl-d14
 Concen: 89.685 ng
 RT: 19.863 min Scan# 241958
 Delta R.T. -0.006 min
 Lab File: BP019570.D
 Acq: 06 Feb 2024 13:04

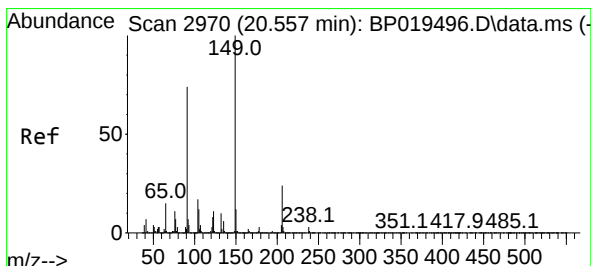
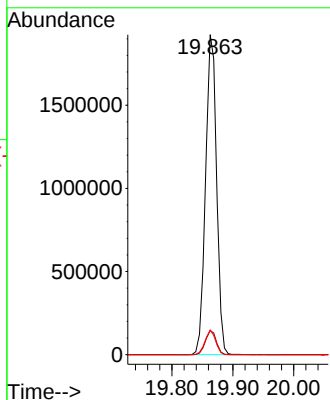
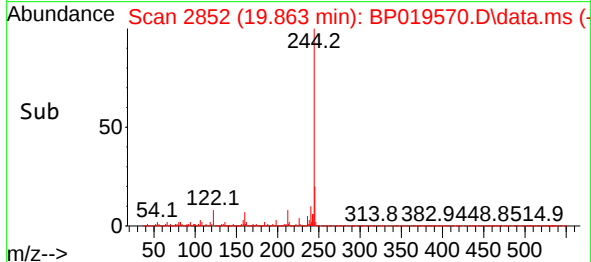
Instrument : BNA_P
 ClientSampleId : MDL-WATER-03-QT4-2023



Tgt Ion:244 Resp: 241958
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.1 9.1
 122 7.7 5.9 8.9

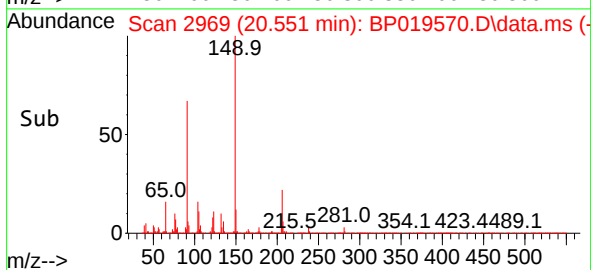
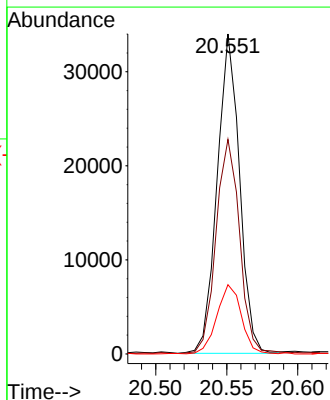
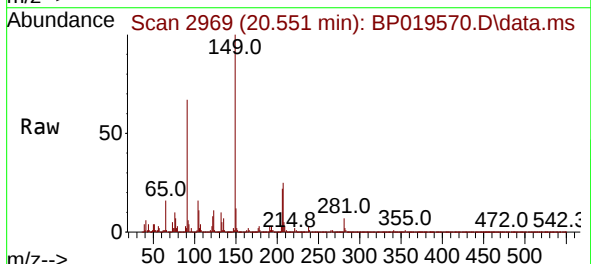
Manual Integrations
 APPROVED

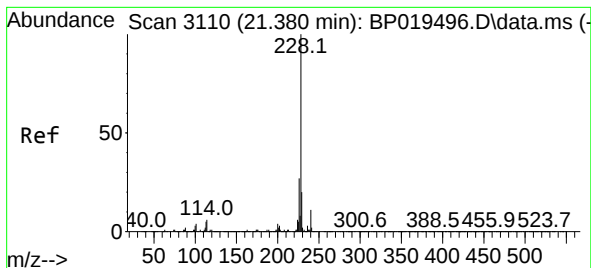
Reviewed By :Jagrut Upadhyay 02/07/2024
 Supervised By :mohammad ahmed 02/08/2024



#80
 Butylbenzylphthalate
 Concen: 3.175 ng
 RT: 20.551 min Scan# 2969
 Delta R.T. -0.006 min
 Lab File: BP019570.D
 Acq: 06 Feb 2024 13:04

Tgt Ion:149 Resp: 37122
 Ion Ratio Lower Upper
 149 100
 91 67.0 59.4 89.0
 206 21.7 19.0 28.6





#81

Benzo(a)anthracene

Concen: 3.835 ng

RT: 21.368 min Scan# 3110

Delta R.T. -0.012 min

Lab File: BP019570.D

Acq: 06 Feb 2024 13:04

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT4-2023

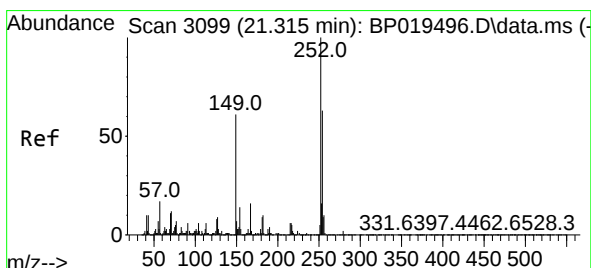
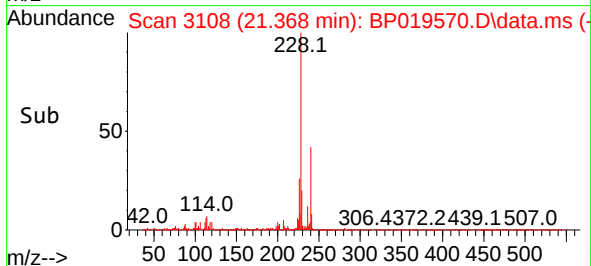
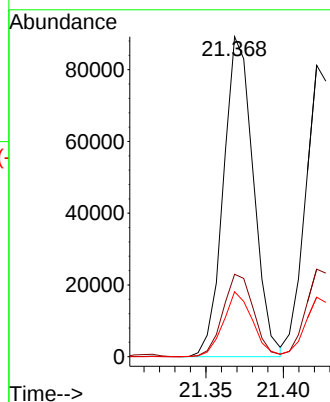
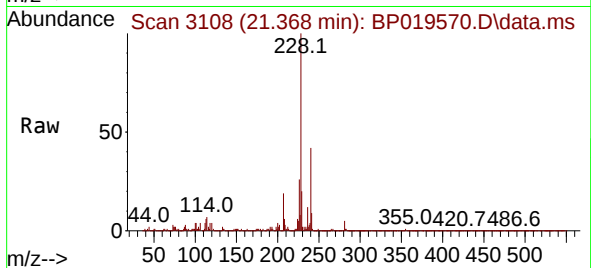
Tgt Ion:228 Resp: 119770

Ion	Ratio	Lower	Upper
228	100		
226	25.8	21.7	32.5
229	20.3	15.6	23.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#82

3,3'-Dichlorobenzidine

Concen: 3.303 ng

RT: 21.310 min Scan# 3098

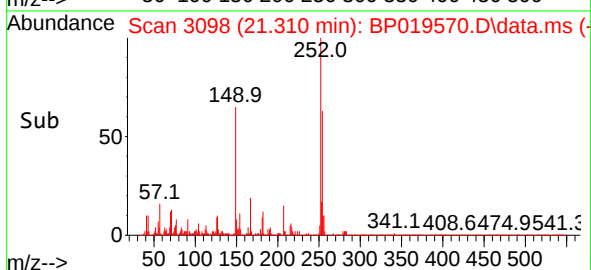
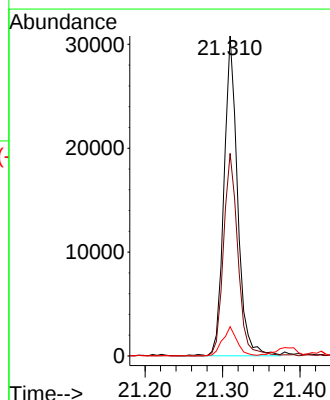
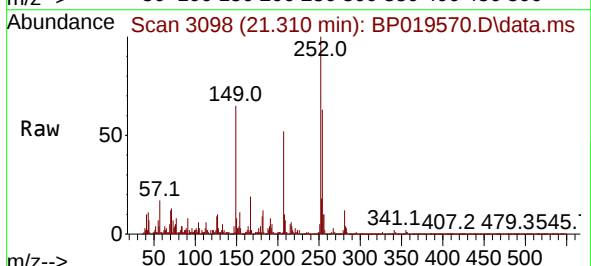
Delta R.T. -0.006 min

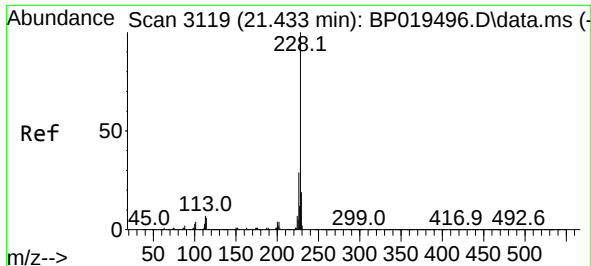
Lab File: BP019570.D

Acq: 06 Feb 2024 13:04

Tgt Ion:252 Resp: 37586

Ion	Ratio	Lower	Upper
252	100		
254	63.3	50.7	76.1
126	9.2	6.4	9.6





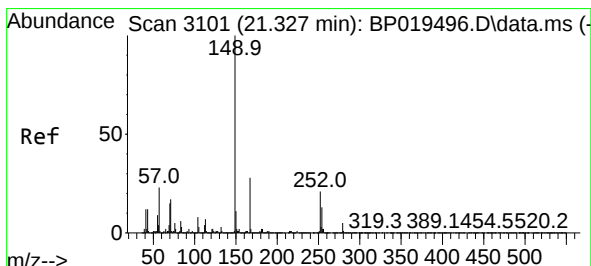
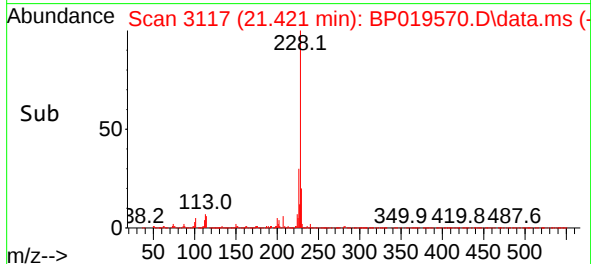
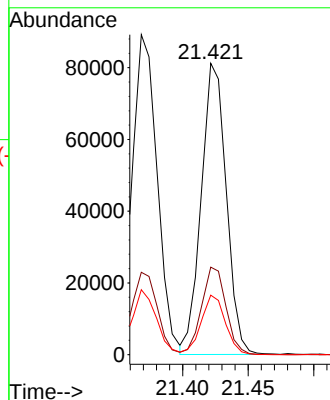
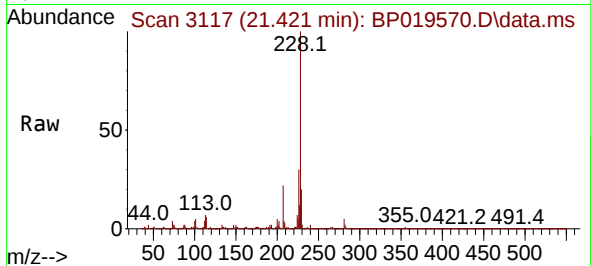
#83
Chrysene
Concen: 3.643 ng
RT: 21.421 min Scan# 3119
Delta R.T. -0.012 min
Lab File: BP019570.D
Acq: 06 Feb 2024 13:04

Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT4-2023

Tgt Ion:228 Resp: 108018
Ion Ratio Lower Upper
228 100
226 30.0 23.4 35.2
229 20.4 15.6 23.4

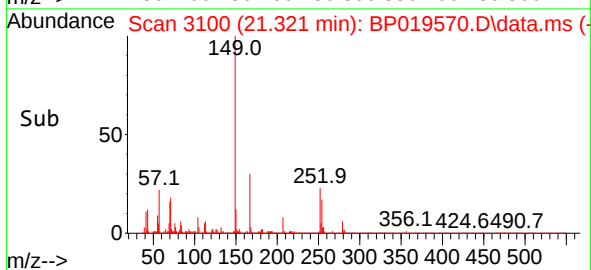
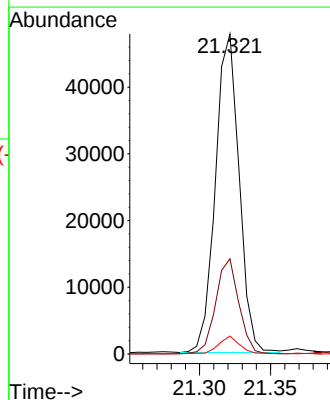
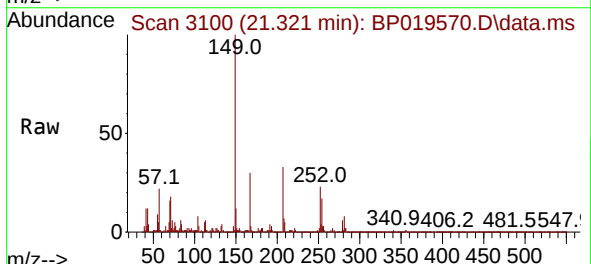
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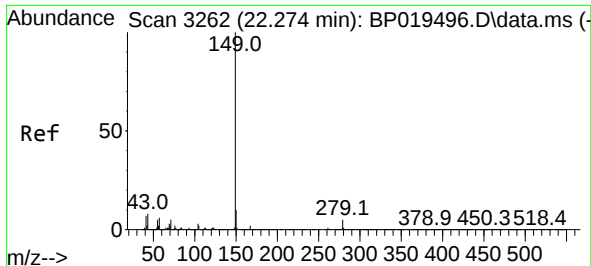
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#84
Bis(2-ethylhexyl)phthalate
Concen: 3.108 ng
RT: 21.321 min Scan# 3100
Delta R.T. -0.006 min
Lab File: BP019570.D
Acq: 06 Feb 2024 13:04

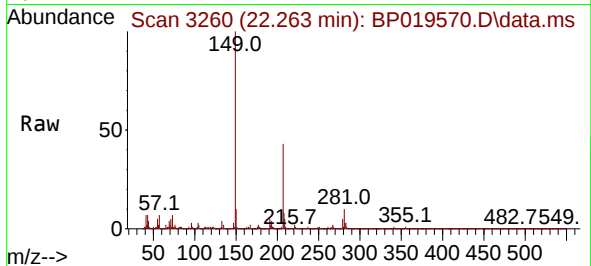
Tgt Ion:149 Resp: 55342
Ion Ratio Lower Upper
149 100
167 29.8 22.7 34.1
279 5.6 4.2 6.2





#85
Di-n-octyl phthalate
Concen: 2.535 ng
RT: 22.263 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP019570.D
Acq: 06 Feb 2024 13:04

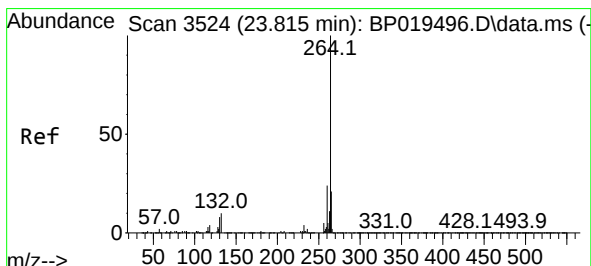
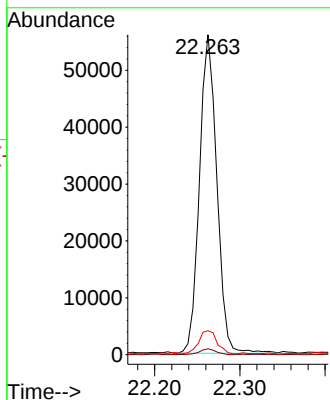
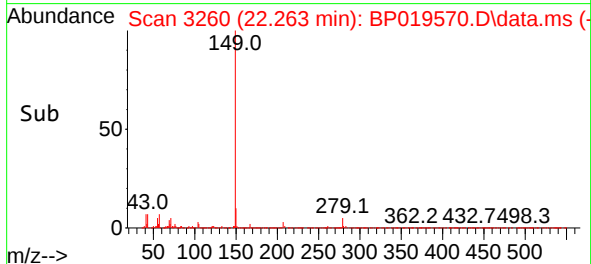
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2023



Tgt Ion:149 Resp: 79410
Ion Ratio Lower Upper
149 100
167 1.8 1.3 1.9
43 8.1 6.3 9.5

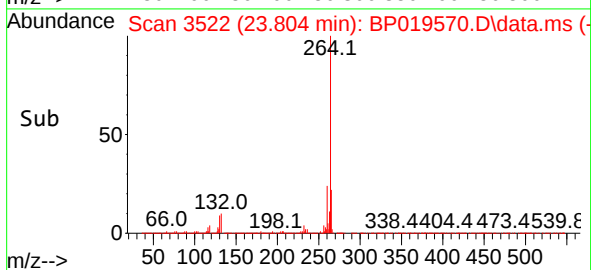
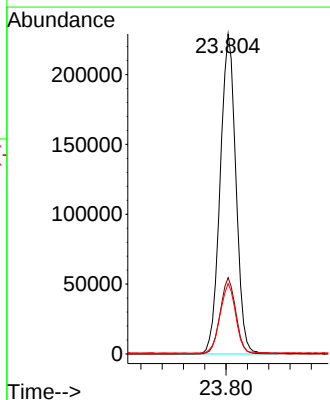
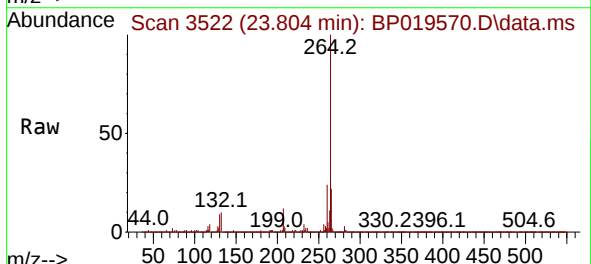
Manual Integrations
APPROVED

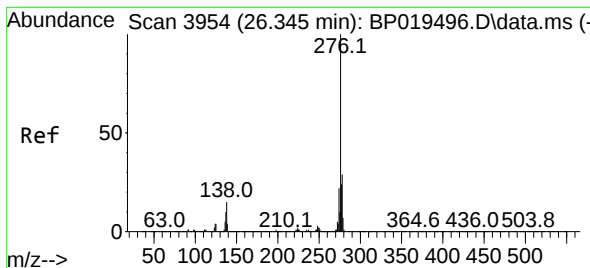
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.804 min Scan# 3522
Delta R.T. -0.012 min
Lab File: BP019570.D
Acq: 06 Feb 2024 13:04

Tgt Ion:264 Resp: 469721
Ion Ratio Lower Upper
264 100
260 23.8 19.2 28.8
265 22.0 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.393 ng

RT: 26.327 min Scan# 3951

Delta R.T. -0.017 min

Lab File: BP019570.D

Acq: 06 Feb 2024 13:04

Instrument :

BNA_P

ClientSampleId :

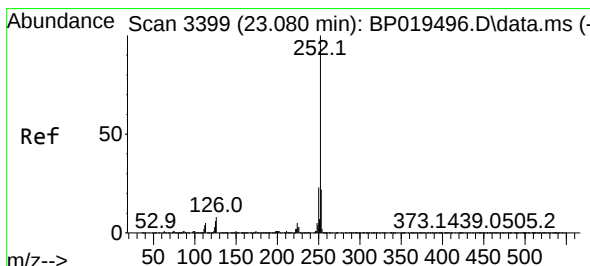
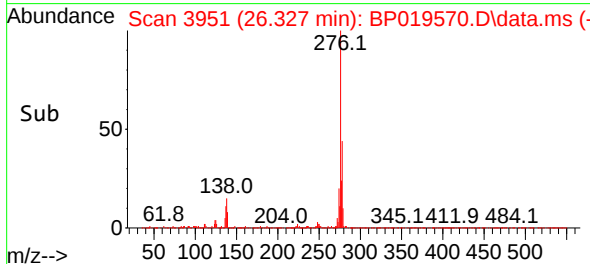
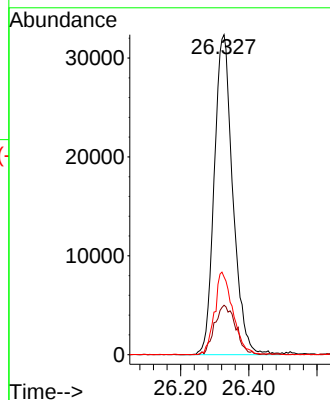
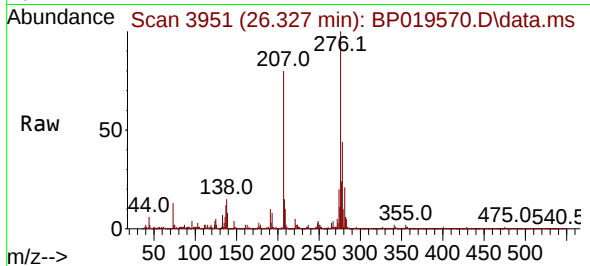
MDL-WATER-03-QT4-2023

Tgt Ion:	276	Resp:	12199
Ion Ratio	Lower	Upper	
276	100		
138	17.6	13.1	19.7
277	25.5	20.3	30.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#88

Benzo(b)fluoranthene

Concen: 3.658 ng

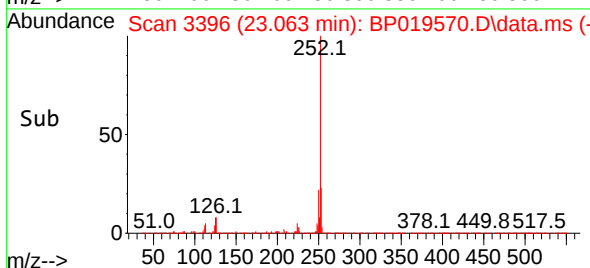
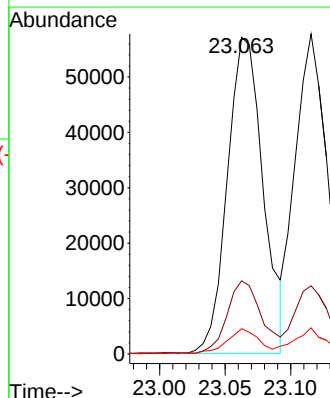
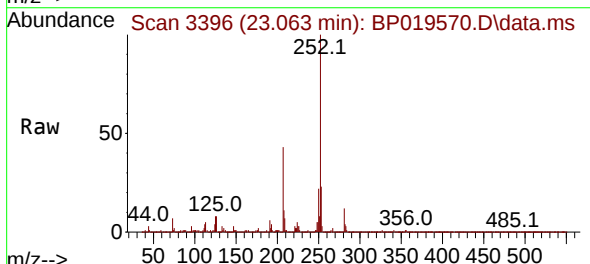
RT: 23.063 min Scan# 3396

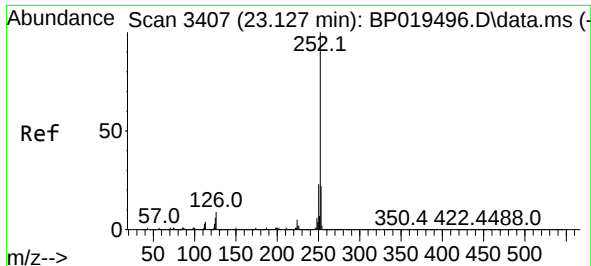
Delta R.T. -0.017 min

Lab File: BP019570.D

Acq: 06 Feb 2024 13:04

Tgt Ion:	252	Resp:	108284
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.3	25.9
125	8.0	4.9	7.3





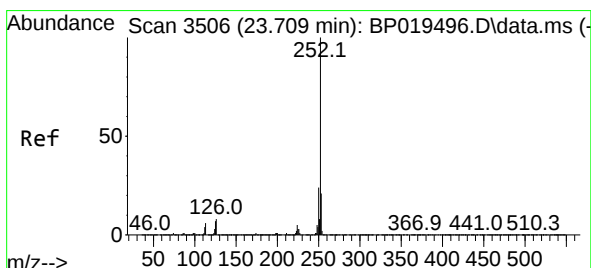
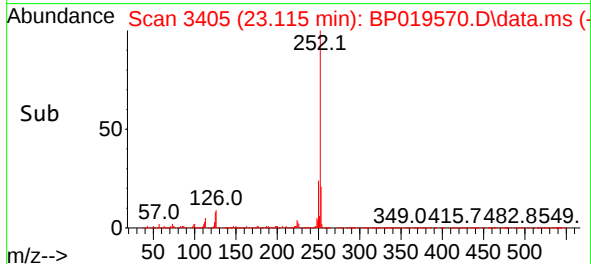
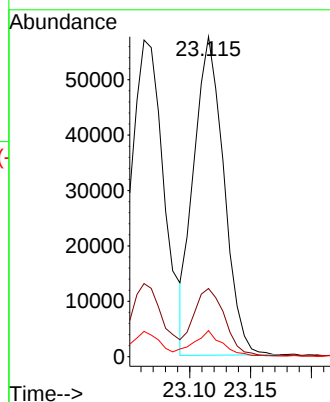
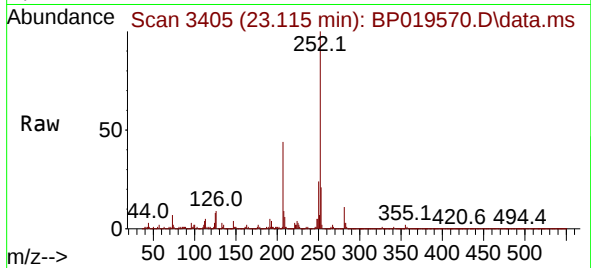
#89
Benzo(k)fluoranthene
Concen: 3.491 ng
RT: 23.115 min Scan# 3407
Delta R.T. -0.012 min
Lab File: BP019570.D
Acq: 06 Feb 2024 13:04

Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT4-2023

Tgt Ion:252 Resp: 98719
Ion Ratio Lower Upper
252 100
253 21.3 17.1 25.7
125 8.1 5.0 7.6

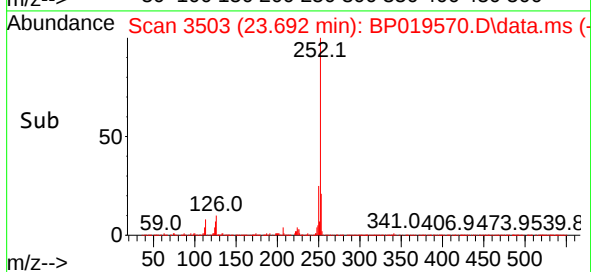
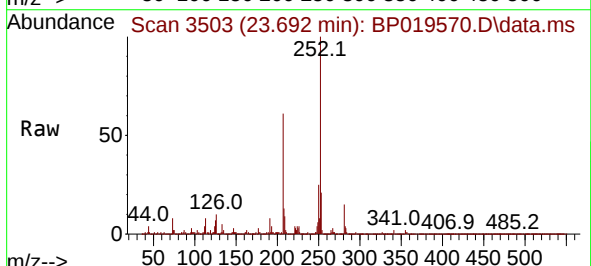
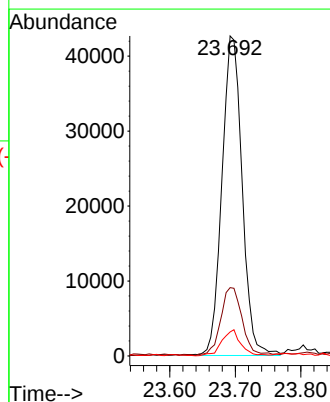
Manual Integrations
APPROVED

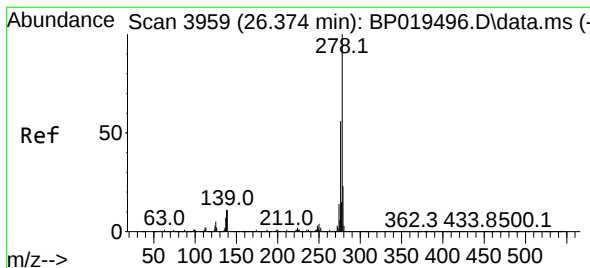
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#90
Benzo(a)pyrene
Concen: 3.451 ng
RT: 23.692 min Scan# 3503
Delta R.T. -0.017 min
Lab File: BP019570.D
Acq: 06 Feb 2024 13:04

Tgt Ion:252 Resp: 90890
Ion Ratio Lower Upper
252 100
253 21.4 17.1 25.7
125 7.5 5.6 8.4





#91

Dibenzo(a,h)anthracene

Concen: 3.448 ng

RT: 26.351 min Scan# 3955

Delta R.T. -0.023 min

Lab File: BP019570.D

Acq: 06 Feb 2024 13:04

Instrument :

BNA_P

ClientSampleId :

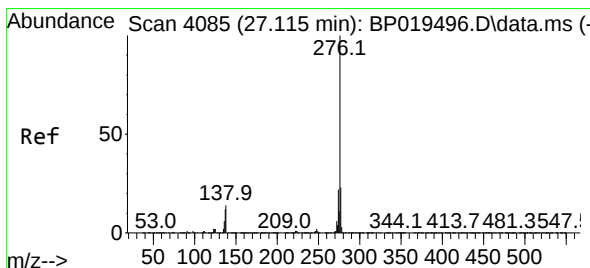
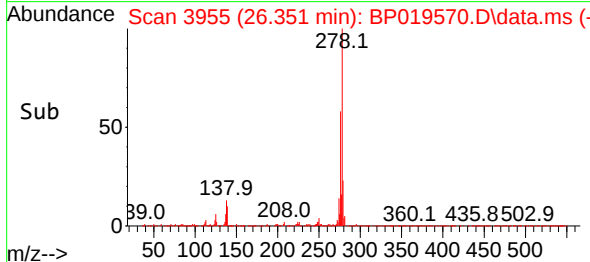
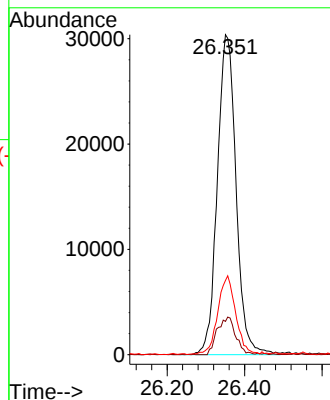
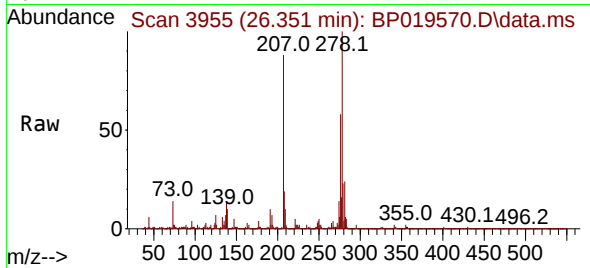
MDL-WATER-03-QT4-2023

Tgt Ion:	278	Resp:	10196
Ion Ratio	Lower	Upper	
278	100		
139	10.4	8.6	12.8
279	23.2	18.5	27.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#92

Benzo(g,h,i)perylene

Concen: 3.246 ng

RT: 27.098 min Scan# 4082

Delta R.T. -0.017 min

Lab File: BP019570.D

Acq: 06 Feb 2024 13:04

Tgt Ion:	276	Resp:	97368
Ion Ratio	Lower	Upper	
276	100		
277	20.7	18.6	28.0
138	10.7	10.9	16.3

