

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111124\
 Data File : BP023011.D
 Acq On : 11 Nov 2024 12:55
 Operator : RC/JU
 Sample : P4368-09
 Misc : MDL-MDL-WATER 4 PPM
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-03-QT4-2024

Quant Time: Nov 11 13:48:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 07 23:36:11 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/12/2024
 Supervised By :mohammad ahmed 11/12/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.587	152	54362	20.000	ng	0.00
21) Naphthalene-d8	10.339	136	205045	20.000	ng	0.00
39) Acenaphthene-d10	14.216	164	162991	20.000	ng	0.00
64) Phenanthrene-d10	17.021	188	398652	20.000	ng	0.00
76) Chrysene-d12	21.456	240	485625	20.000	ng	0.00
86) Perylene-d12	24.686	264	601282	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.222	112	323554	112.953	ng	-0.01
7) Phenol-d6	6.787	99	444478	111.265	ng	0.00
23) Nitrobenzene-d5	8.728	82	354398	81.656	ng	-0.01
42) 2,4,6-Tribromophenol	15.727	330	351375	111.220	ng	-0.02
45) 2-Fluorobiphenyl	12.810	172	910112	79.785	ng	0.00
79) Terphenyl-d14	19.757	244	2029370	78.480	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.175	88	4580	4.005	ng	88
3) Pyridine	3.593	79	10765m	3.428	ng	
4) n-Nitrosodimethylamine	3.493	42	6035m	3.987	ng	
6) Aniline	6.934	93	15618	4.690	ng	98
8) 2-Chlorophenol	7.169	128	11382	3.791	ng	93
9) Benzaldehyde	6.769	77	12325	5.338	ng	92
10) Phenol	6.816	94	15229	3.849	ng	80
11) bis(2-Chloroethyl)ether	7.028	93	12067	4.037	ng	85
12) 1,3-Dichlorobenzene	7.481	146	14518	3.789	ng	95
13) 1,4-Dichlorobenzene	7.622	146	14742	3.767	ng	99
14) 1,2-Dichlorobenzene	7.934	146	14293	3.778	ng	100
15) Benzyl Alcohol	7.857	79	7568	2.501	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.092	45	13196	4.069	ng	92
17) 2-Methylphenol	8.039	107	9284	3.457	ng	95
18) Hexachloroethane	8.634	117	5416	3.741	ng	88
19) n-Nitroso-di-n-propyla...	8.375	70	9915	3.626	ng	94
20) 3+4-Methylphenols	8.381	107	11996	3.196	ng	88
22) Acetophenone	8.404	105	20045	3.673	ng	# 95
24) Nitrobenzene	8.769	77	17504	3.970	ng	# 93
25) Isophorone	9.298	82	24165	3.290	ng	98
26) 2-Nitrophenol	9.492	139	5624	3.106	ng	89
27) 2,4-Dimethylphenol	9.563	122	7215	3.490	ng	99
28) bis(2-Chloroethoxy)met...	9.775	93	13638	3.269	ng	93
29) 2,4-Dichlorophenol	10.051	162	11692	3.267	ng	94
30) 1,2,4-Trichlorobenzene	10.210	180	16624	3.634	ng	# 96
31) Naphthalene	10.386	128	36345	3.538	ng	99
32) Benzoic acid	9.698	122	6154m	2.479	ng	
33) 4-Chloroaniline	10.533	127	14372m	3.930	ng	
34) Hexachlorobutadiene	10.657	225	11824	3.524	ng	98
35) Caprolactam	11.328	113	3274m	3.056	ng	
36) 4-Chloro-3-methylphenol	11.675	107	11781	2.953	ng	94
37) 2-Methylnaphthalene	12.016	142	27123	3.525	ng	96
38) 1-Methylnaphthalene	12.227	142	25090	3.285	ng	# 98
40) 1,2,4,5-Tetrachloroben...	12.392	216	20370	3.692	ng	99
41) Hexachlorocyclopentadiene	12.357	237	3612	2.331	ng	97
43) 2,4,6-Trichlorophenol	12.651	196	11008	3.137	ng	94

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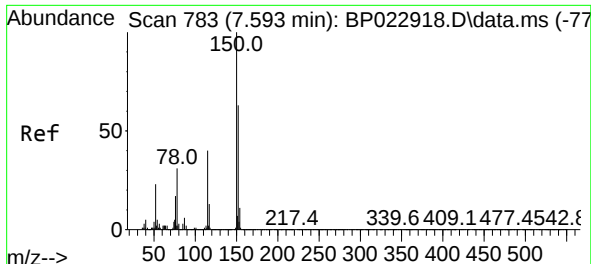
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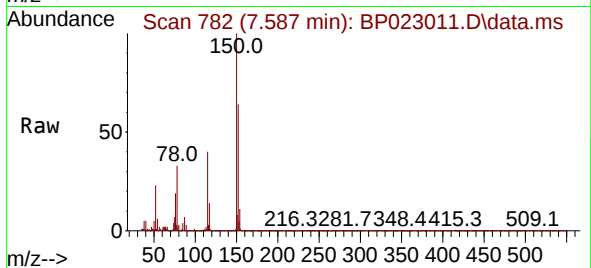
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.745	196	12595	3.153	ng	93
46) 1,1'-Biphenyl	13.033	154	41502	3.830	ng	100
47) 2-Chloronaphthalene	13.080	162	32109	3.571	ng	98
48) 2-Nitroaniline	13.310	65	7888m	3.011	ng	
49) Acenaphthylene	13.927	152	45790	3.646	ng	100
50) Dimethylphthalate	13.657	163	41468	3.475	ng	# 98
51) 2,6-Dinitrotoluene	13.804	165	8247	3.039	ng	88
52) Acenaphthene	14.274	154	28472	3.526	ng	94
53) 3-Nitroaniline	14.169	138	6989m	3.170	ng	
55) Dibenzofuran	14.627	168	52408	3.696	ng	98
57) 2,4-Dinitrotoluene	14.621	165	10687	2.724	ng	# 80
58) Fluorene	15.292	166	41189	3.496	ng	97
59) 2,3,4,6-Tetrachlorophenol	14.880	232	12544	3.256	ng	95
60) Diethylphthalate	15.051	149	38896	3.277	ng	99
61) 4-Chlorophenyl-phenyle...	15.280	204	24071	3.467	ng	91
62) 4-Nitroaniline	15.357	138	5869m	2.594	ng	
63) Azobenzene	15.586	77	33837	3.315	ng	96
65) 4,6-Dinitro-2-methylph...	15.416	198	5847	2.411	ng	95
66) n-Nitrosodiphenylamine	15.504	169	36079	3.661	ng	98
67) 4-Bromophenyl-phenylether	16.186	248	16629	3.478	ng	95
68) Hexachlorobenzene	16.316	284	21476	3.507	ng	# 91
69) Atrazine	16.480	200	13827	4.162	ng	95
70) Pentachlorophenol	16.698	266	10583	2.706	ng	93
71) Phenanthrene	17.068	178	71172	3.689	ng	98
72) Anthracene	17.163	178	68693	3.710	ng	99
73) Carbazole	17.463	167	59322	3.355	ng	98
74) Di-n-butylphthalate	18.033	149	57417	2.913	ng	99
75) Fluoranthene	19.168	202	89177	3.332	ng	98
77) Benzidine	19.368	184	38156m	3.977	ng	
78) Pyrene	19.551	202	93462	3.251	ng	99
80) Butylbenzylphthalate	20.492	149	27012	2.756	ng	98
81) Benzo(a)anthracene	21.439	228	110490	3.656	ng	99
82) 3,3'-Dichlorobenzidine	21.374	252	38464	3.144	ng	100
83) Chrysene	21.503	228	106096	3.748	ng	99
84) Bis(2-ethylhexyl)phtha...	21.368	149	37665	2.678	ng	98
85) Di-n-octyl phthalate	22.592	149	66391	2.824	ng	# 99
87) Indeno(1,2,3-cd)pyrene	28.368	276	147015	3.625	ng	# 94
88) Benzo(b)fluoranthene	23.674	252	119956	3.396	ng	# 94
89) Benzo(k)fluoranthene	23.750	252	120998	3.627	ng	97
90) Benzo(a)pyrene	24.544	252	105045	3.475	ng	99
91) Dibenzo(a,h)anthracene	28.415	278	125151	3.763	ng	100
92) Benzo(g,h,i)perylene	29.527	276	114893	3.372	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.587 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP023011.D
Acq: 11 Nov 2024 12:55

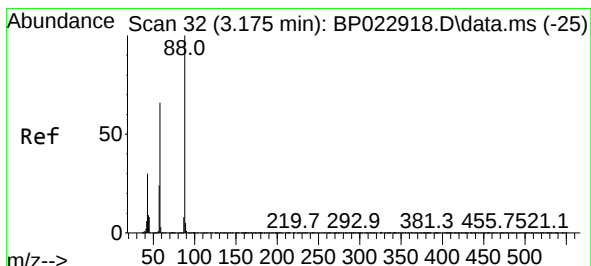
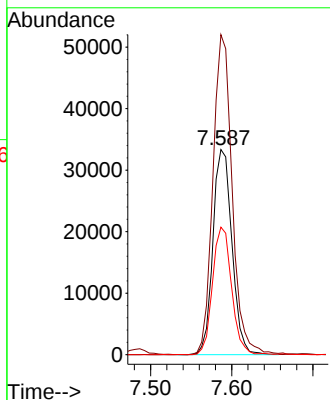
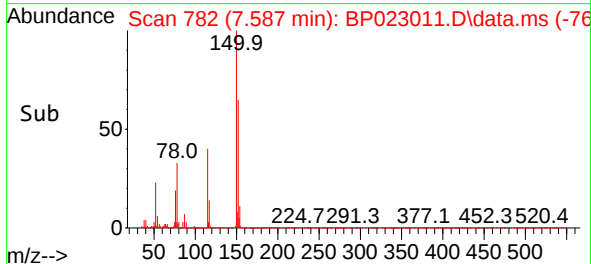
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion:152 Resp: 5436
Ion Ratio Lower Upper
152 100
150 156.0 127.0 190.4
115 62.1 50.5 75.7

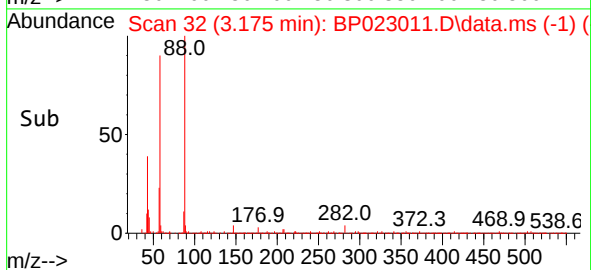
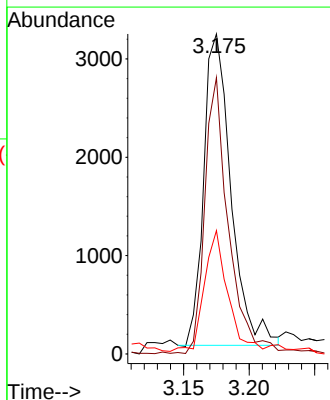
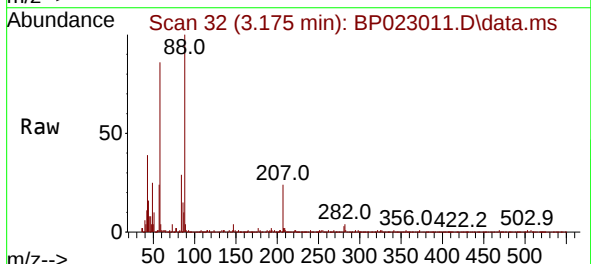
Manual Integrations
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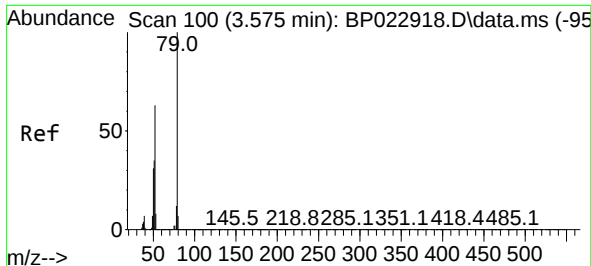
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/12/2024



#2
1,4-Dioxane
Concen: 4.005 ng
RT: 3.175 min Scan# 32
Delta R.T. -0.000 min
Lab File: BP023011.D
Acq: 11 Nov 2024 12:55

Tgt Ion: 88 Resp: 4580
Ion Ratio Lower Upper
88 100
58 77.3 52.8 79.2
43 32.9 23.4 35.0





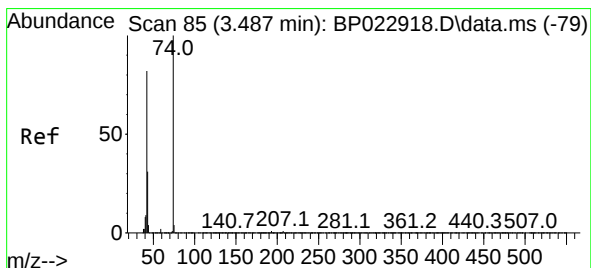
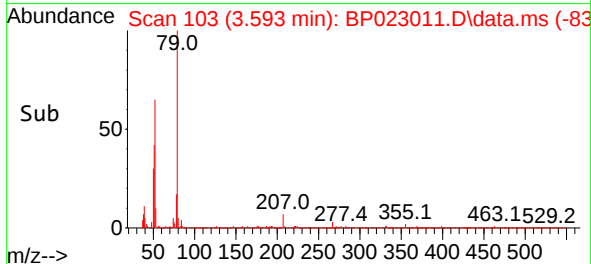
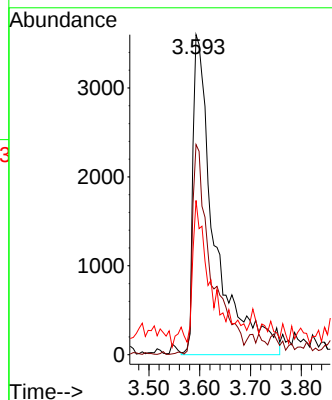
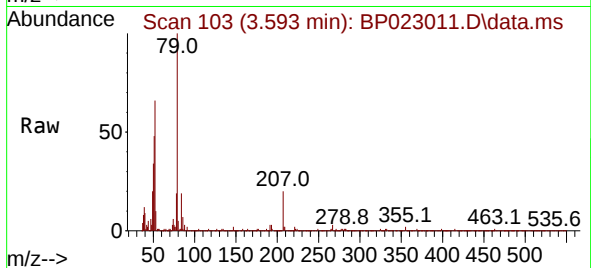
#3
Pyridine
Concen: 3.428 ng m
RT: 3.593 min Scan# 103
Delta R.T. 0.017 min
Lab File: BP023011.D
Acq: 11 Nov 2024 12:55

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2024

Tgt Ion: 79 Resp: 1076
Ion Ratio Lower Upper
79 100
52 65.7 50.4 75.6
51 48.2 28.6 43.0

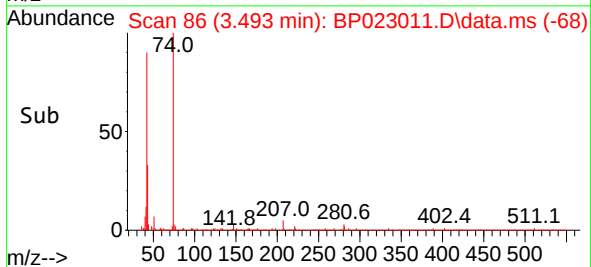
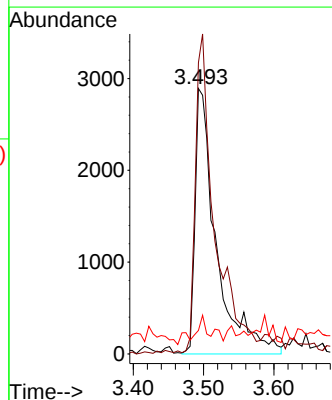
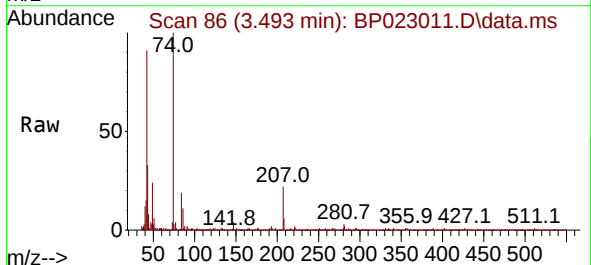
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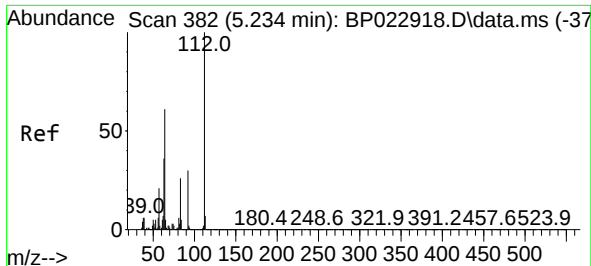
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/12/2024



#4
n-Nitrosodimethylamine
Concen: 3.987 ng m
RT: 3.493 min Scan# 86
Delta R.T. 0.006 min
Lab File: BP023011.D
Acq: 11 Nov 2024 12:55

Tgt Ion: 42 Resp: 6035
Ion Ratio Lower Upper
42 100
74 109.8 97.7 146.5
44 8.9 4.5 6.7





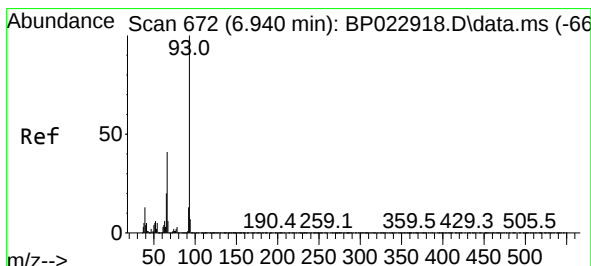
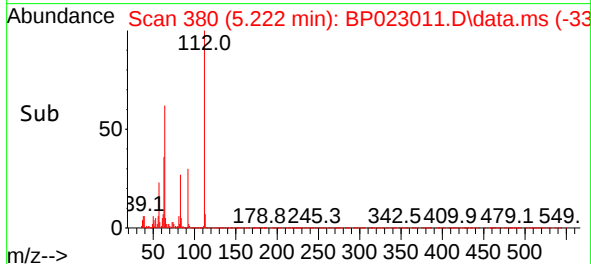
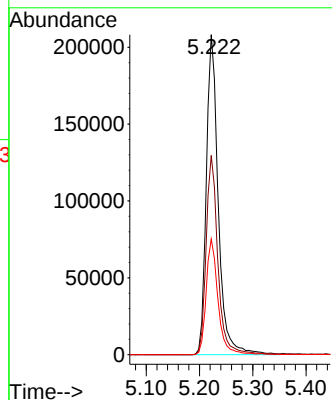
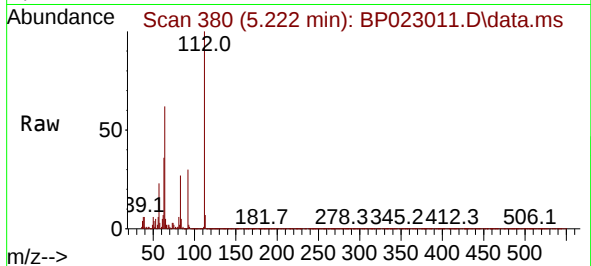
#5
2-Fluorophenol
Concen: 112.953 ng
RT: 5.222 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP023011.D
Acq: 11 Nov 2024 12:55

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2024

Tgt Ion:112 Resp: 323554
Ion Ratio Lower Upper
112 100
64 62.2 48.7 73.1
63 36.2 29.0 43.4

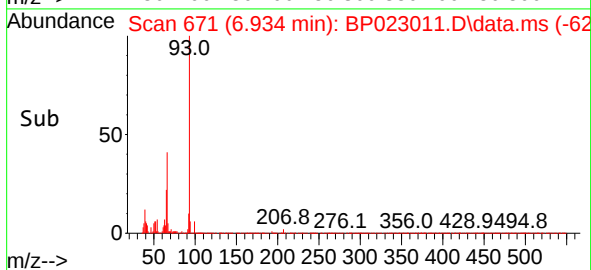
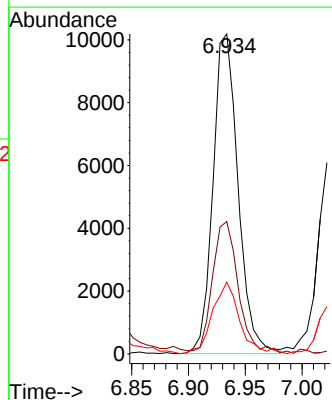
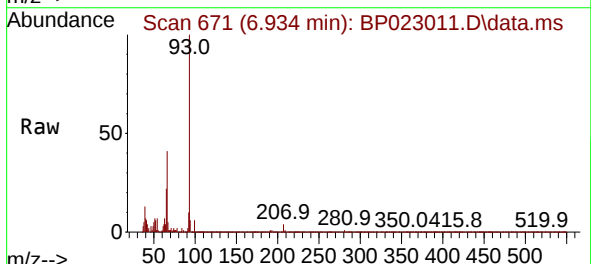
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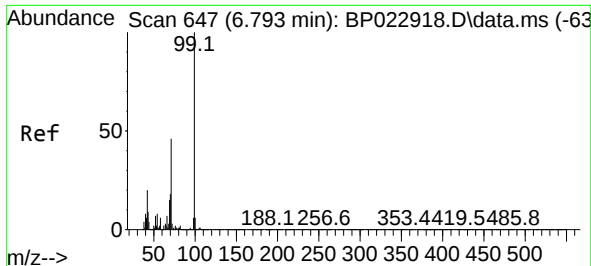
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/12/2024



#6
Aniline
Concen: 4.690 ng
RT: 6.934 min Scan# 671
Delta R.T. -0.006 min
Lab File: BP023011.D
Acq: 11 Nov 2024 12:55

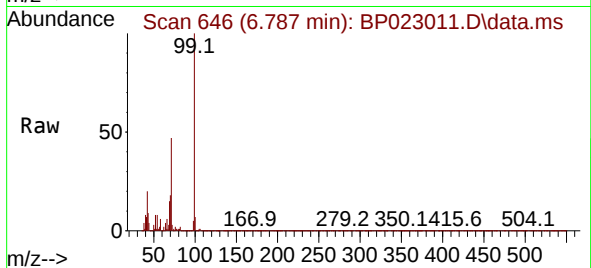
Tgt Ion: 93 Resp: 15618
Ion Ratio Lower Upper
93 100
66 41.4 32.9 49.3
65 22.5 16.0 24.0





#7
Phenol-d6
Concen: 111.265 ng
RT: 6.787 min Scan# 647
Delta R.T. -0.006 min
Lab File: BP023011.D
Acq: 11 Nov 2024 12:55

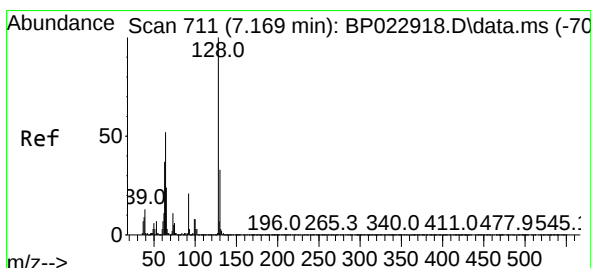
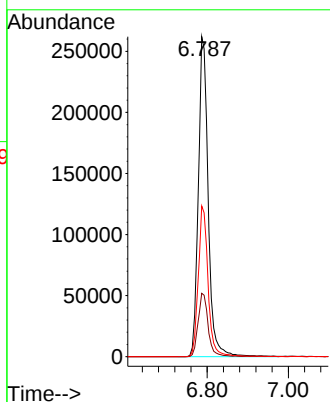
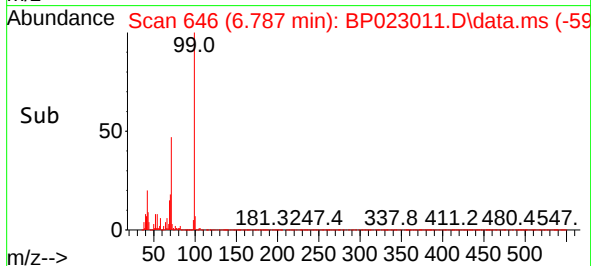
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2024



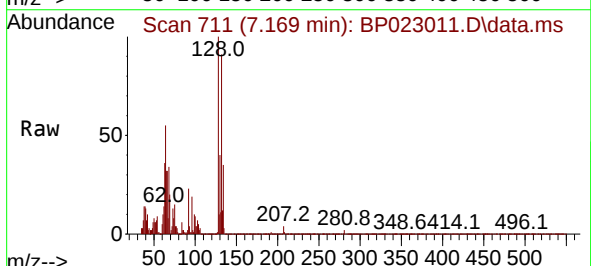
Tgt Ion: 99 Resp: 444478
Ion Ratio Lower Upper
99 100
42 19.8 15.8 23.6
71 47.1 36.6 55.0

Manual Integrations
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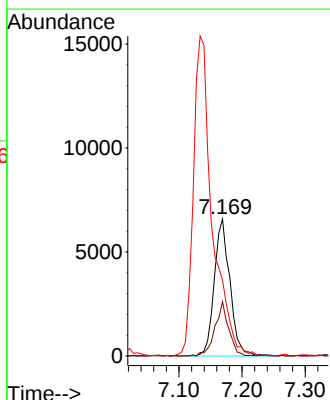
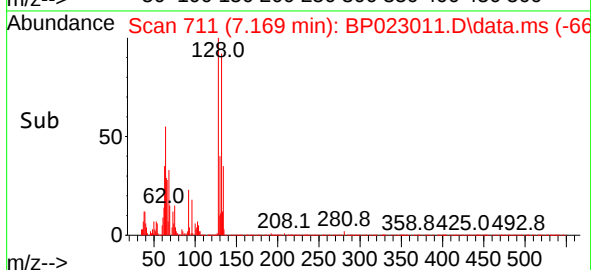
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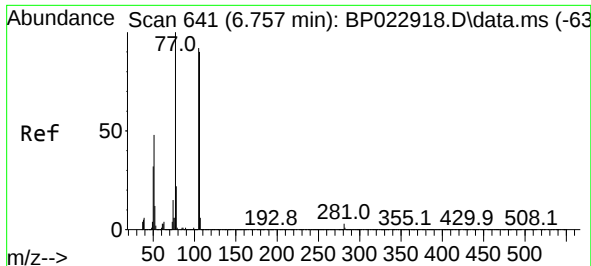


#8
2-Chlorophenol
Concen: 3.791 ng
RT: 7.169 min Scan# 711
Delta R.T. -0.000 min
Lab File: BP023011.D
Acq: 11 Nov 2024 12:55



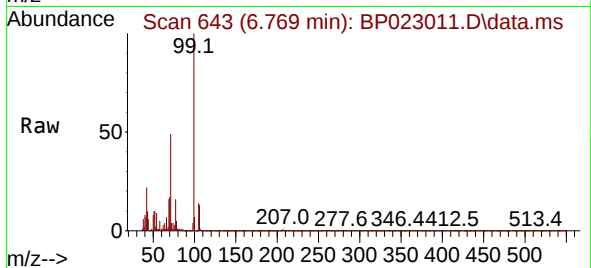
Tgt Ion:128 Resp: 11382
Ion Ratio Lower Upper
128 100
130 39.6 12.6 52.6
64 55.3 32.7 72.7





#9
Benzaldehyde
Concen: 5.338 ng
RT: 6.769 min Scan# 641
Delta R.T. 0.012 min
Lab File: BP023011.D
Acq: 11 Nov 2024 12:55

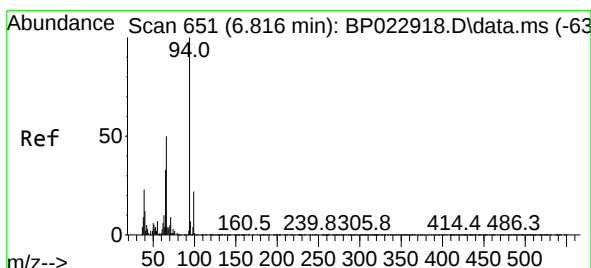
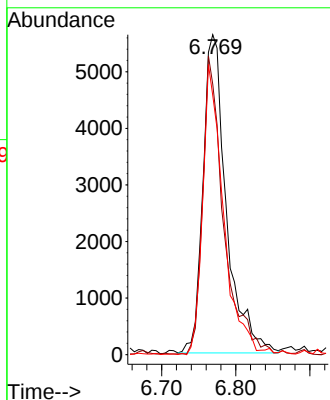
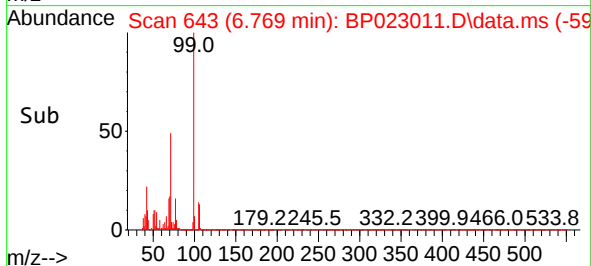
Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT4-2024



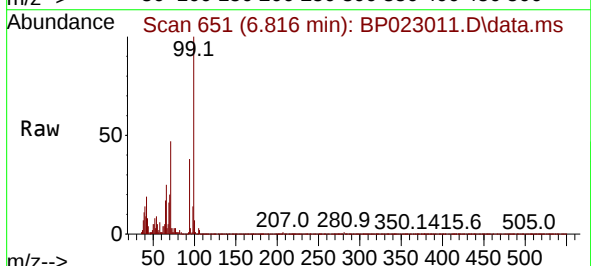
Tgt Ion: 77 Resp: 1232
Ion Ratio Lower Upper
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105 84.5 71.4 111.4
106 81.0 69.9 109.9

Manual Integrations
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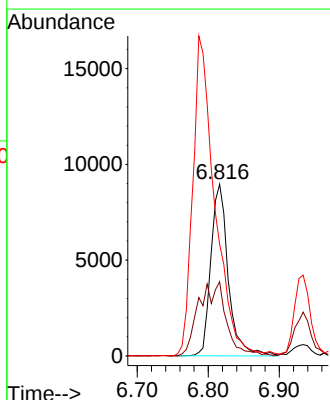
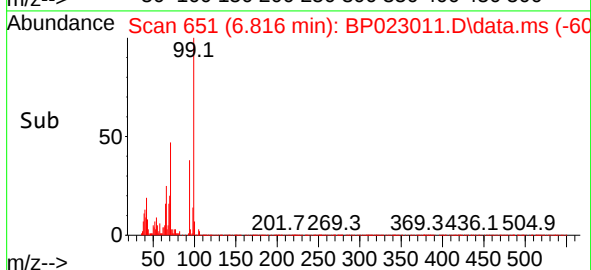
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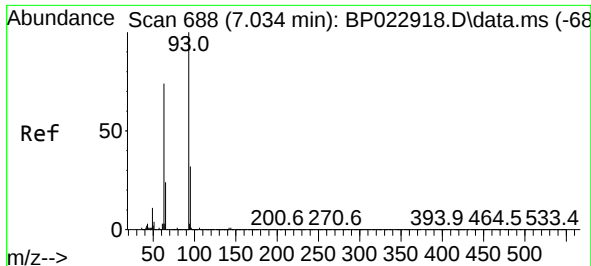


#10
Phenol
Concen: 3.849 ng
RT: 6.816 min Scan# 651
Delta R.T. -0.000 min
Lab File: BP023011.D
Acq: 11 Nov 2024 12:55



Tgt Ion: 94 Resp: 15229
Ion Ratio Lower Upper
94 100
65 43.2 12.9 52.9
66 65.1 30.0 70.0





#11

bis(2-Chloroethyl)ether

Concen: 4.037 ng

RT: 7.028 min Scan# 688

Delta R.T. -0.006 min

Lab File: BP023011.D

Acq: 11 Nov 2024 12:55

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT4-2024

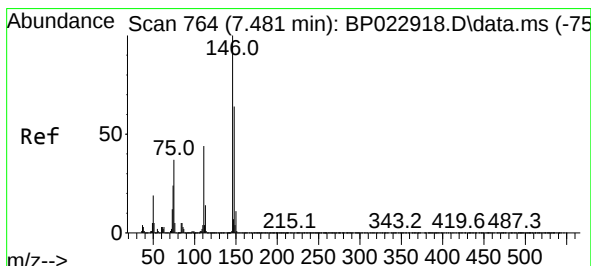
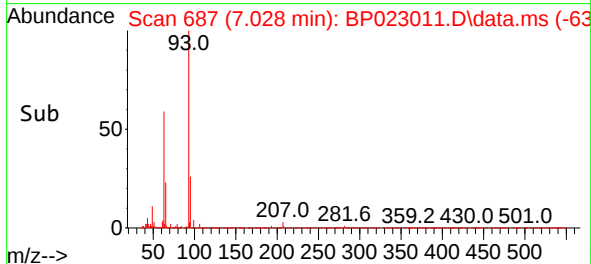
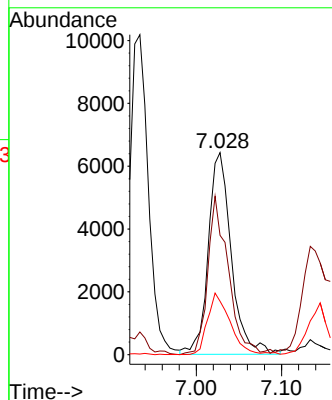
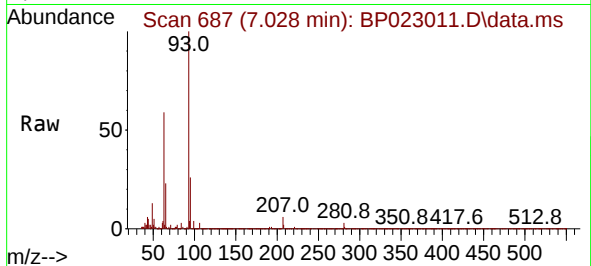
Tgt Ion:	93	Resp:	1206
Ion	Ratio	Lower	Upper
93	100		
63	59.1	53.6	93.6
95	26.4	12.1	52.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/12/2024

Supervised By :mohammad ahmed 11/12/2024



#12

1,3-Dichlorobenzene

Concen: 3.789 ng

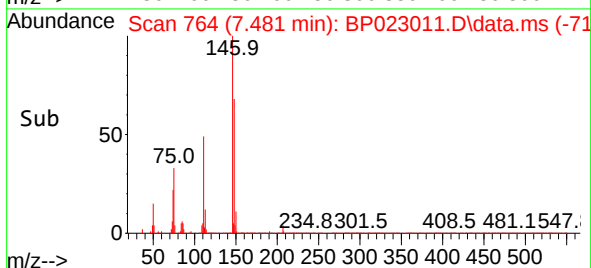
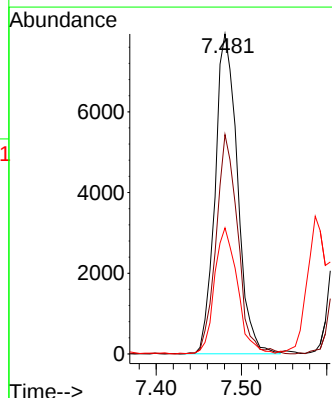
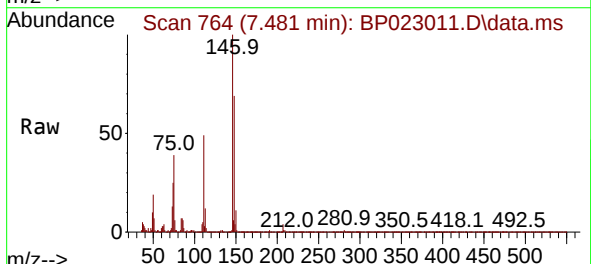
RT: 7.481 min Scan# 764

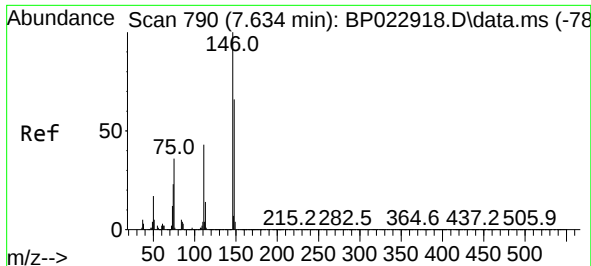
Delta R.T. -0.000 min

Lab File: BP023011.D

Acq: 11 Nov 2024 12:55

Tgt Ion:	146	Resp:	14518
Ion	Ratio	Lower	Upper
146	100		
148	68.6	51.4	77.0
75	39.4	29.3	43.9





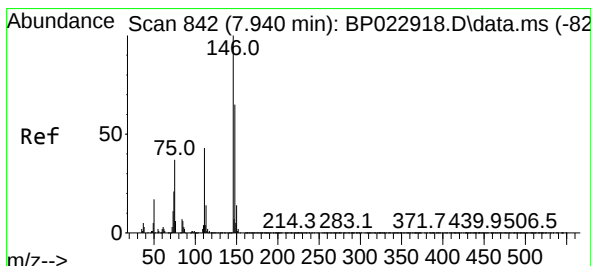
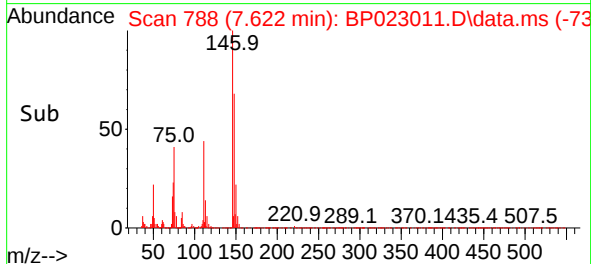
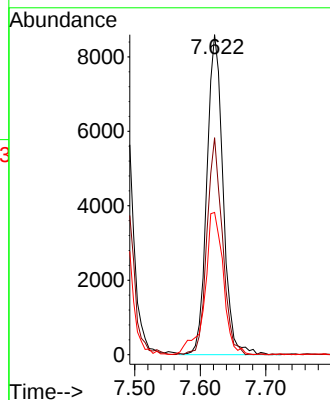
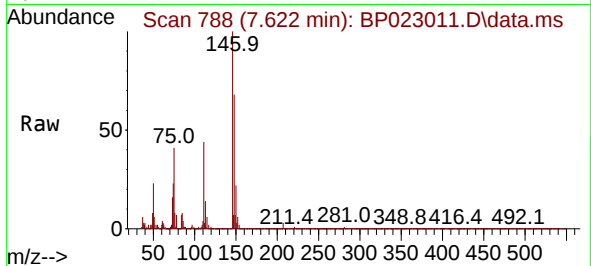
#13
1,4-Dichlorobenzene
Concen: 3.767 ng
RT: 7.622 min Scan# 790
Delta R.T. -0.012 min
Lab File: BP023011.D
Acq: 11 Nov 2024 12:55

Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT4-2024

Tgt Ion:146 Resp: 1474
Ion Ratio Lower Upper
146 100
148 67.8 53.2 79.8
111 44.4 35.0 52.4

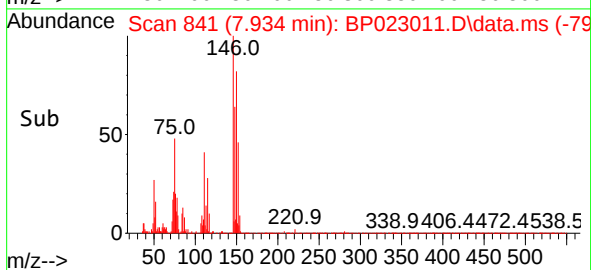
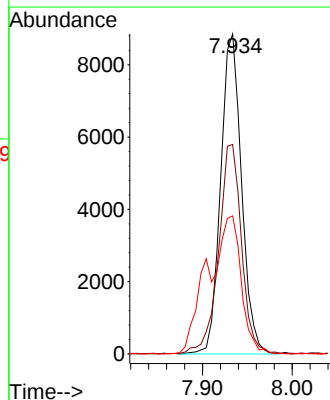
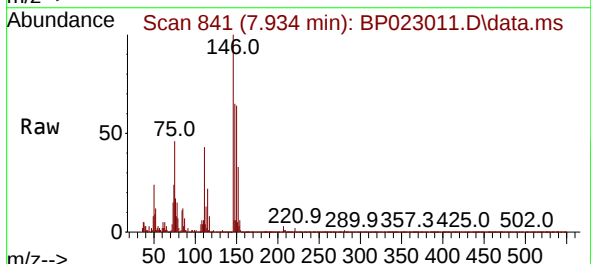
Manual Integrations
APPROVED

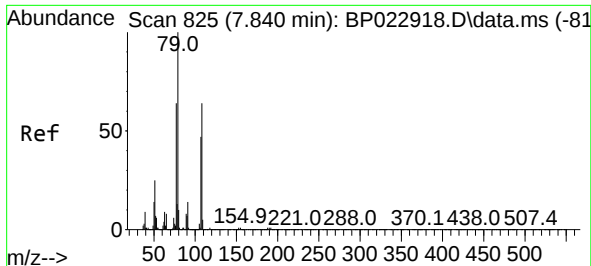
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/12/2024



#14
1,2-Dichlorobenzene
Concen: 3.778 ng
RT: 7.934 min Scan# 841
Delta R.T. -0.006 min
Lab File: BP023011.D
Acq: 11 Nov 2024 12:55

Tgt Ion:146 Resp: 14293
Ion Ratio Lower Upper
146 100
148 65.5 52.4 78.6
111 43.2 34.2 51.4





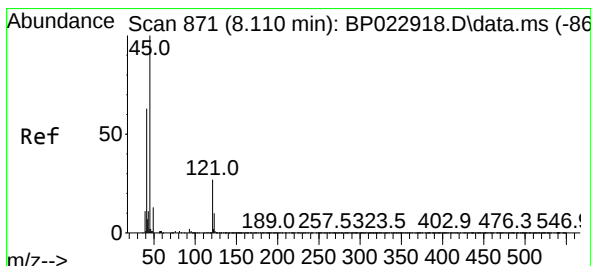
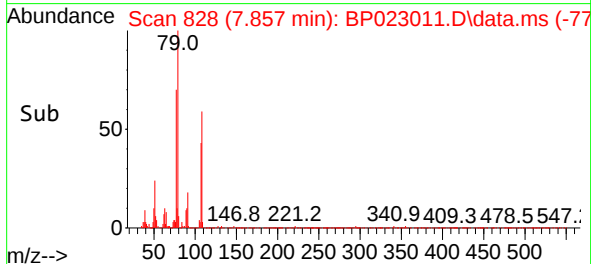
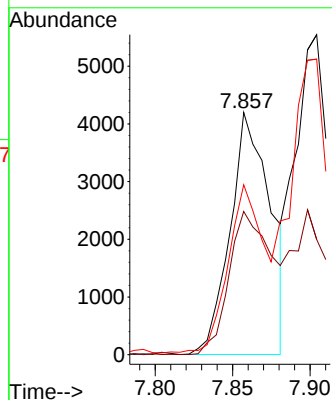
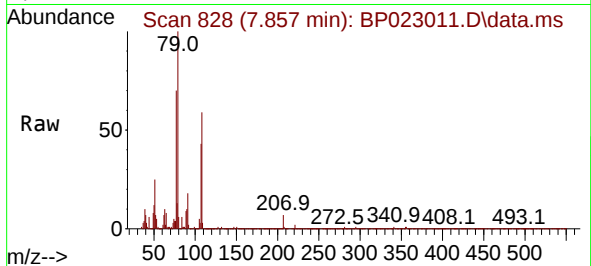
#15
Benzyl Alcohol
Concen: 2.501 ng
RT: 7.857 min Scan# 811
Delta R.T. 0.017 min
Lab File: BP023011.D
Acq: 11 Nov 2024 12:55

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2024

Tgt Ion: 79 Resp: 756
Ion Ratio Lower Upper
79 100
108 59.1 51.2 76.8
77 70.1 51.3 76.9

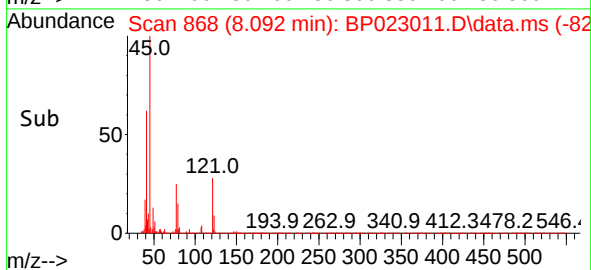
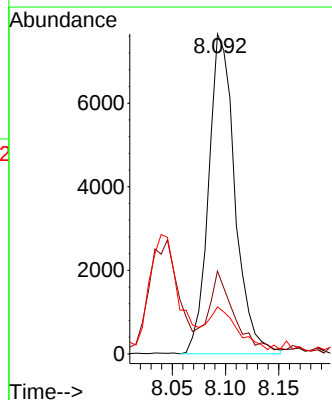
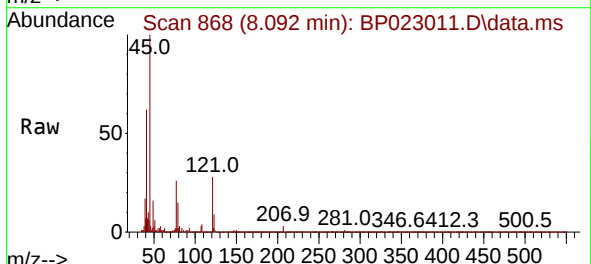
Manual Integrations
APPROVED

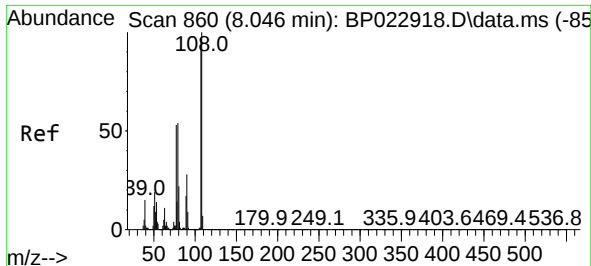
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/12/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.069 ng
RT: 8.092 min Scan# 868
Delta R.T. -0.018 min
Lab File: BP023011.D
Acq: 11 Nov 2024 12:55

Tgt Ion: 45 Resp: 13196
Ion Ratio Lower Upper
45 100
77 25.9 0.0 39.5
79 14.7 0.0 34.9





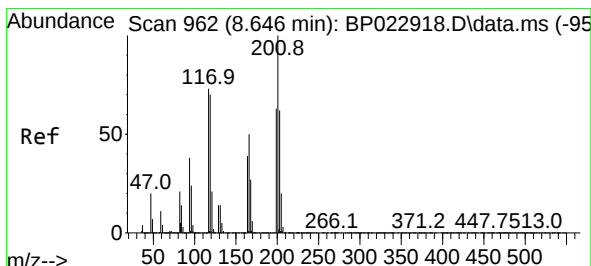
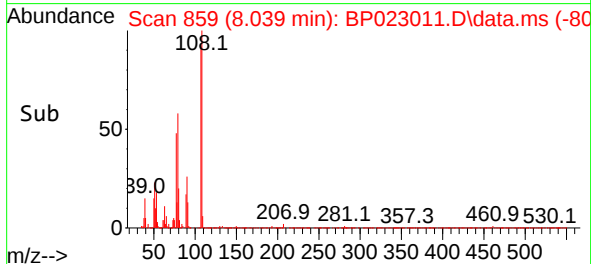
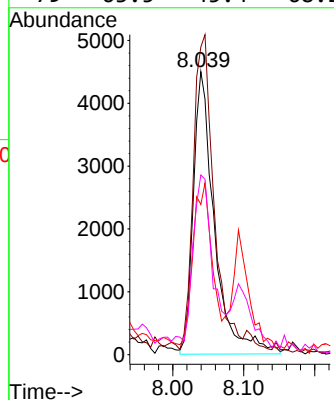
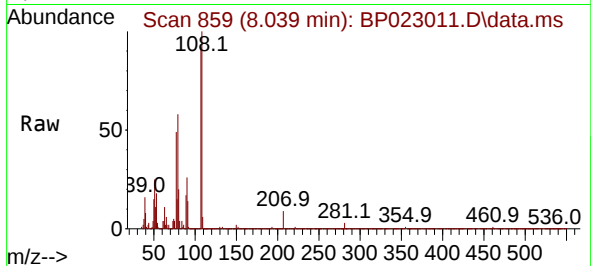
#17
2-Methylphenol
Concen: 3.457 ng
RT: 8.039 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP023011.D
Acq: 11 Nov 2024 12:55

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2024

Tgt Ion:	107	Resp:	9284
Ion	Ratio	Lower	Upper
107	100		
108	108.7	83.7	125.5
77	53.1	45.0	67.4
79	63.5	45.4	68.2

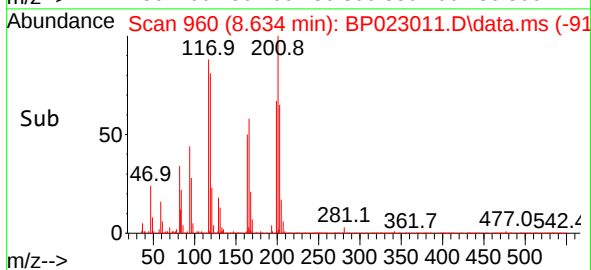
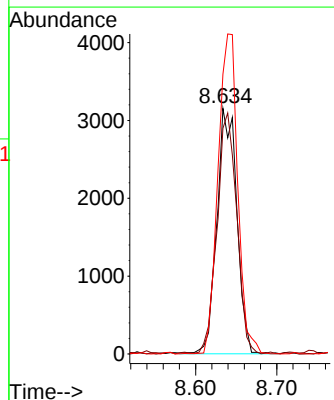
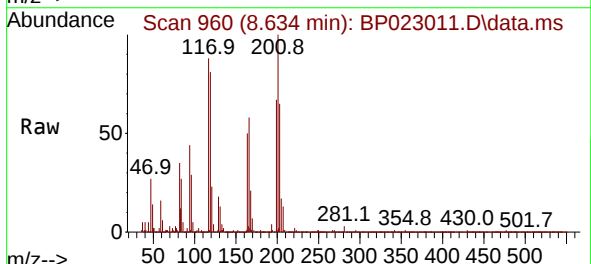
Manual Integrations
APPROVED

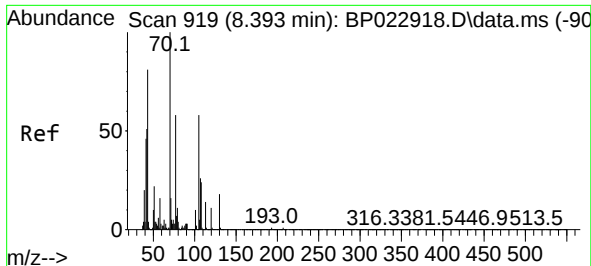
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/12/2024



#18
Hexachloroethane
Concen: 3.741 ng
RT: 8.634 min Scan# 960
Delta R.T. -0.012 min
Lab File: BP023011.D
Acq: 11 Nov 2024 12:55

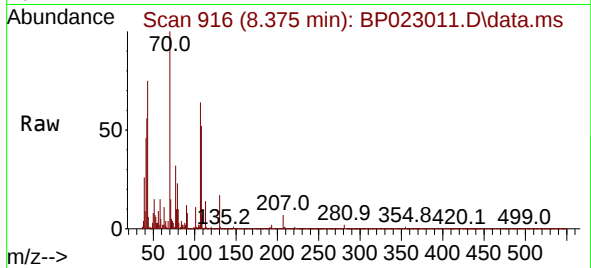
Tgt Ion:	117	Resp:	5416
Ion	Ratio	Lower	Upper
117	100		
119	91.8	76.7	115.1
201	116.1	110.0	165.0





#19
n-Nitroso-di-n-propylamine
Concen: 3.626 ng
RT: 8.375 min Scan# 916
Delta R.T. -0.018 min
Lab File: BP023011.D
Acq: 11 Nov 2024 12:55

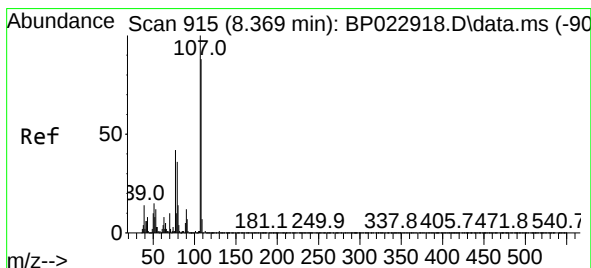
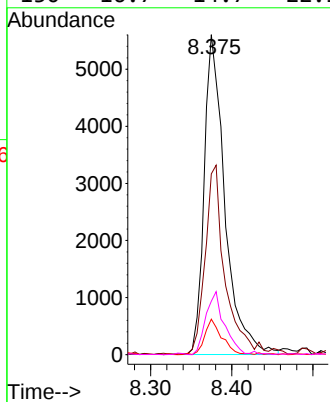
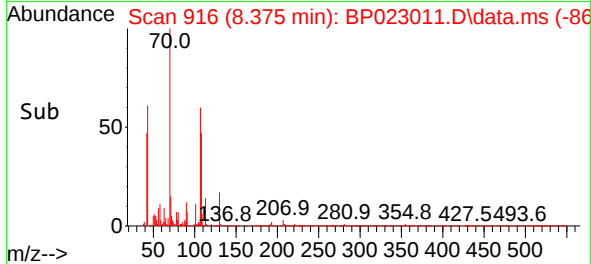
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion:	70	Resp:	991
Ion	Ratio	Lower	Upper
70	100		
42	56.5	41.0	61.6
101	11.1	7.8	11.6
130	16.7	14.7	22.1

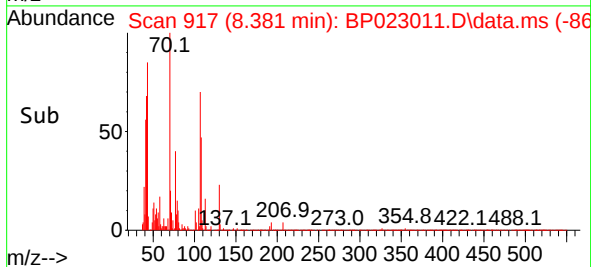
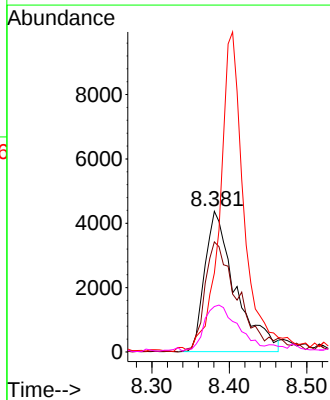
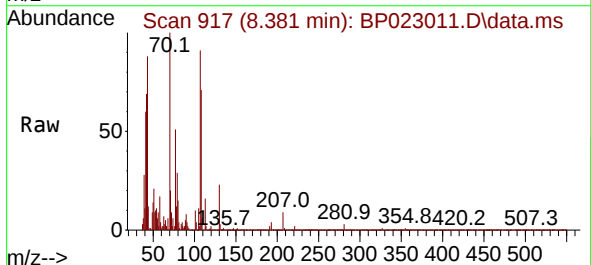
Manual Integrations
APPROVED

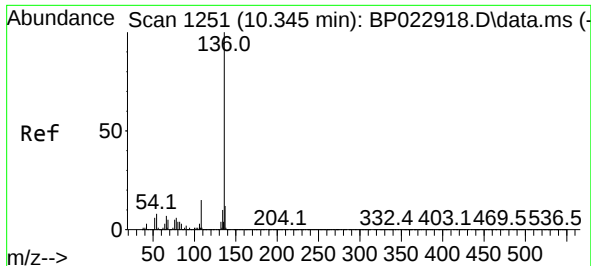
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/12/2024



#20
3+4-Methylphenols
Concen: 3.196 ng
RT: 8.381 min Scan# 917
Delta R.T. 0.012 min
Lab File: BP023011.D
Acq: 11 Nov 2024 12:55

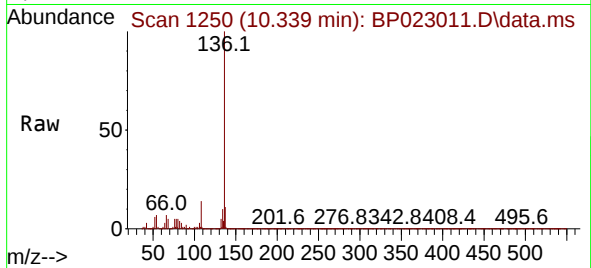
Tgt Ion:	107	Resp:	11996
Ion	Ratio	Lower	Upper
107	100		
108	78.3	67.6	107.6
77	56.0	22.6	62.6
79	32.3	16.7	56.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.339 min Scan# 1250
Delta R.T. -0.006 min
Lab File: BP023011.D
Acq: 11 Nov 2024 12:55

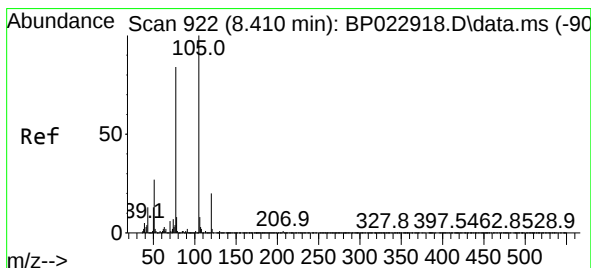
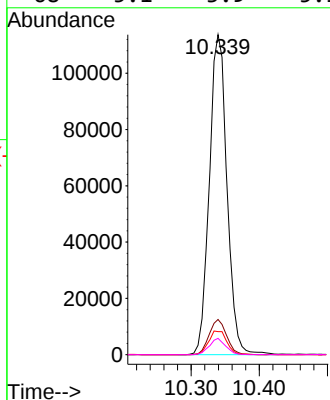
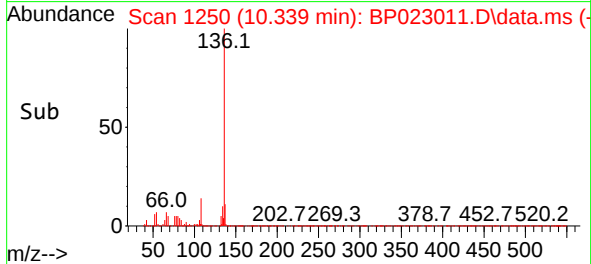
Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT4-2024



Tgt Ion:136 Resp: 205045
Ion Ratio Lower Upper
136 100
137 11.0 9.4 14.0
54 7.2 6.4 9.6
68 5.1 3.9 5.9

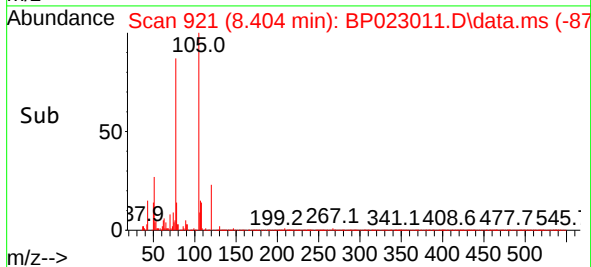
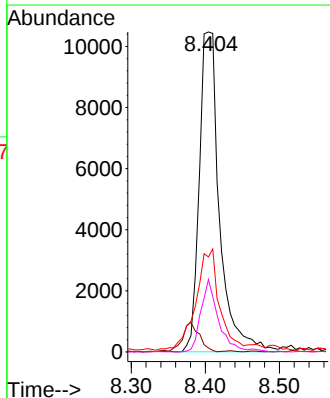
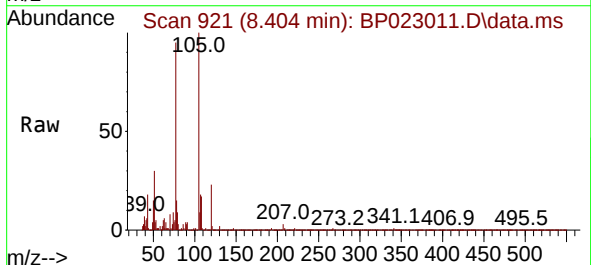
Manual Integrations
APPROVED

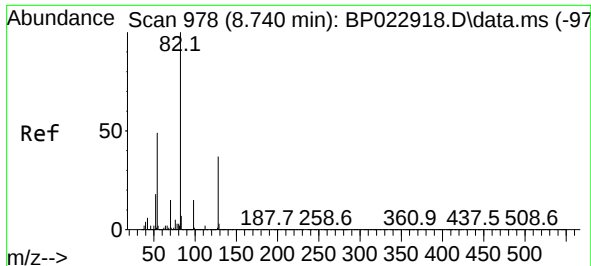
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/12/2024



#22
Acetophenone
Concen: 3.673 ng
RT: 8.404 min Scan# 921
Delta R.T. -0.006 min
Lab File: BP023011.D
Acq: 11 Nov 2024 12:55

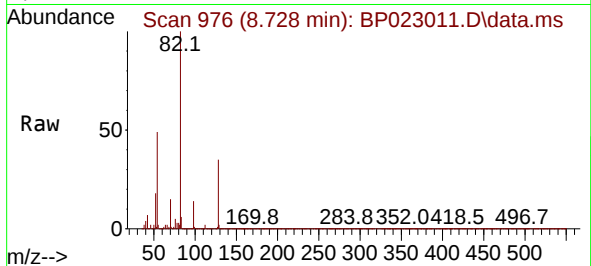
Tgt Ion:105 Resp: 20045
Ion Ratio Lower Upper
105 100
71 1.3 0.7 1.1#
51 29.7 21.7 32.5
120 22.6 16.4 24.6





#23
Nitrobenzene-d5
Concen: 81.656 ng
RT: 8.728 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP023011.D
Acq: 11 Nov 2024 12:55

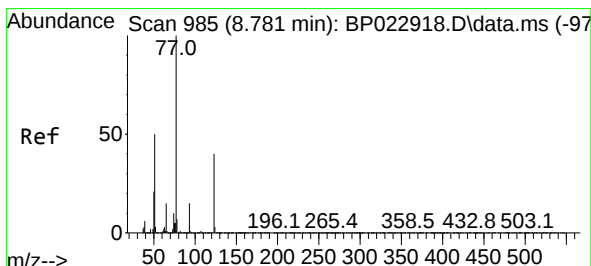
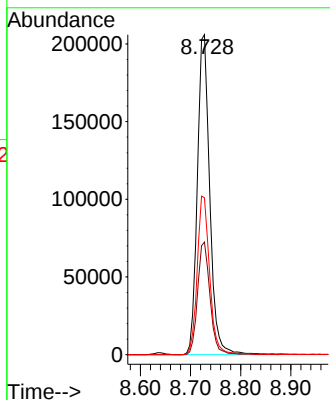
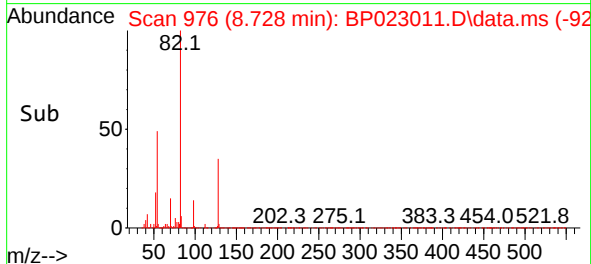
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion: 82 Resp: 354398
Ion Ratio Lower Upper
82 100
128 35.2 29.8 44.8
54 49.1 39.0 58.4

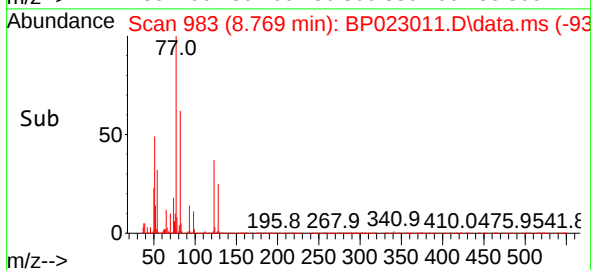
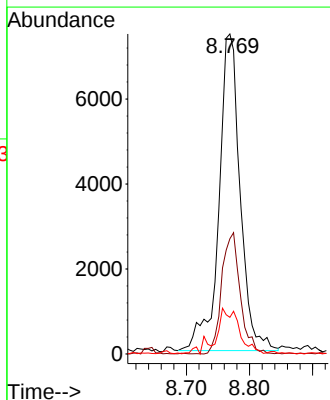
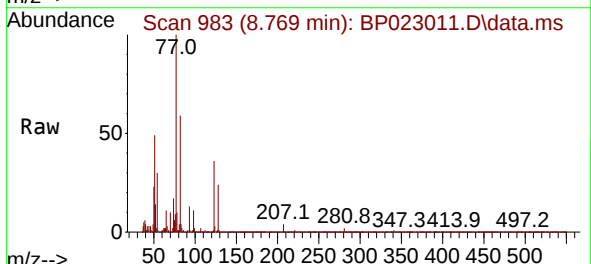
Manual Integrations
APPROVED

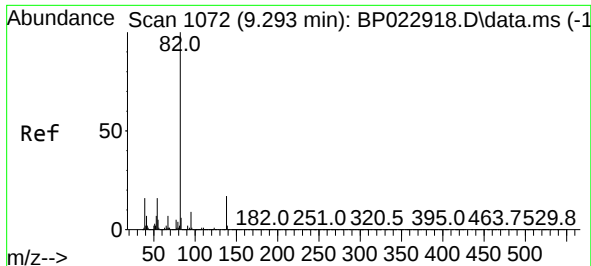
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/12/2024



#24
Nitrobenzene
Concen: 3.970 ng
RT: 8.769 min Scan# 983
Delta R.T. -0.012 min
Lab File: BP023011.D
Acq: 11 Nov 2024 12:55

Tgt Ion: 77 Resp: 17504
Ion Ratio Lower Upper
77 100
123 36.0 32.2 48.4
65 11.5 11.7 17.5#





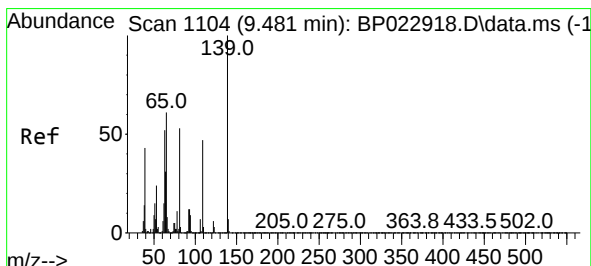
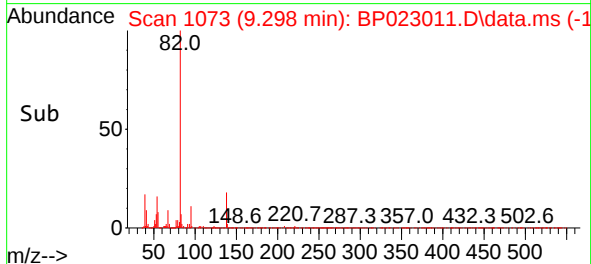
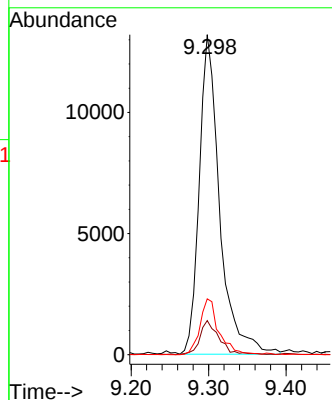
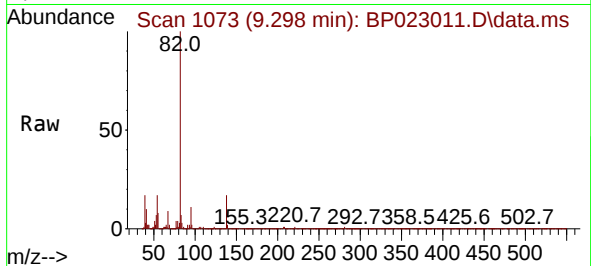
#25
Isophorone
Concen: 3.290 ng
RT: 9.298 min Scan# 1072
Delta R.T. 0.006 min
Lab File: BP023011.D
Acq: 11 Nov 2024 12:55

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2024

Tgt Ion: 82 Resp: 2416
Ion Ratio Lower Upper
82 100
95 10.7 7.4 11.2
138 17.5 13.7 20.5

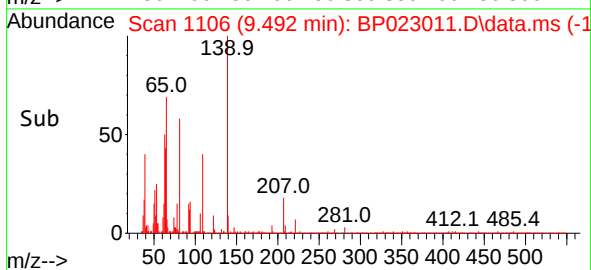
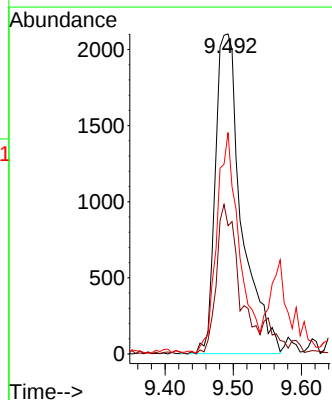
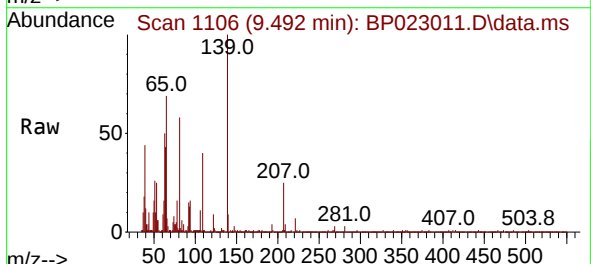
Manual Integrations
APPROVED

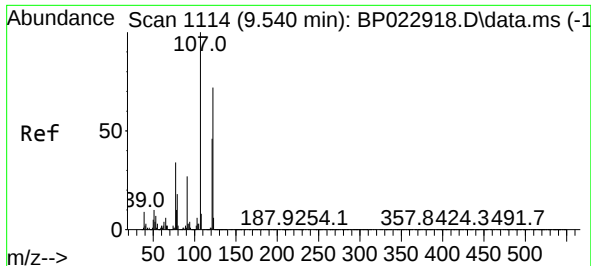
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/12/2024



#26
2-Nitrophenol
Concen: 3.106 ng
RT: 9.492 min Scan# 1106
Delta R.T. 0.012 min
Lab File: BP023011.D
Acq: 11 Nov 2024 12:55

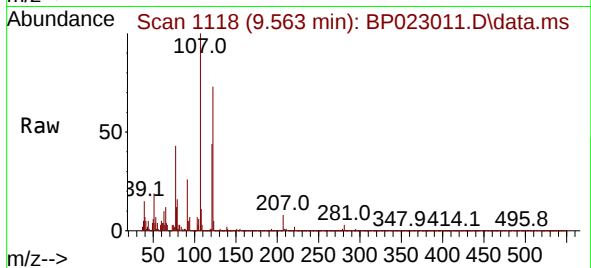
Tgt Ion:139 Resp: 5624
Ion Ratio Lower Upper
139 100
109 40.1 37.8 56.8
65 69.2 48.6 73.0





#27
2,4-Dimethylphenol
Concen: 3.490 ng
RT: 9.563 min Scan# 1118
Delta R.T. 0.023 min
Lab File: BP023011.D
Acq: 11 Nov 2024 12:55

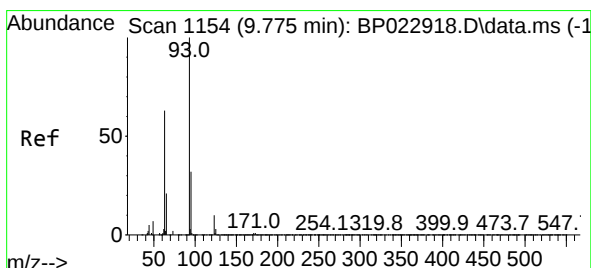
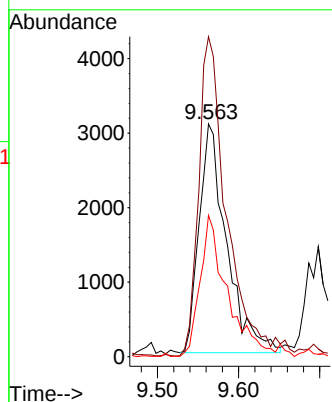
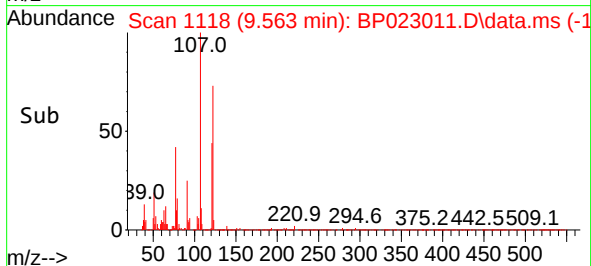
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion: 122 Resp: 721
Ion Ratio Lower Upper
122 100
107 137.4 109.8 164.6
121 60.7 50.5 75.7

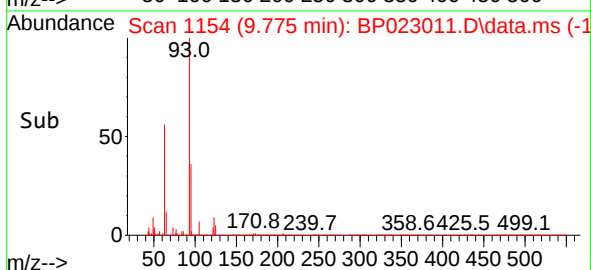
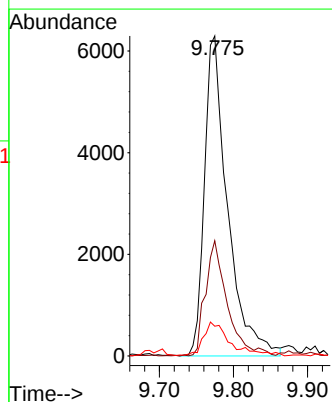
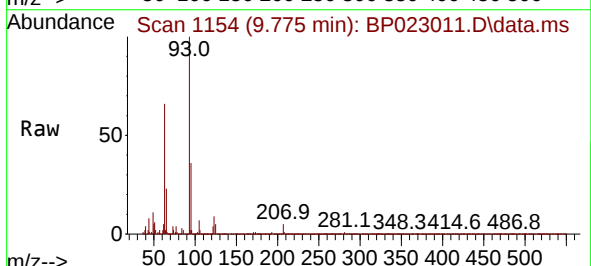
Manual Integrations
APPROVED

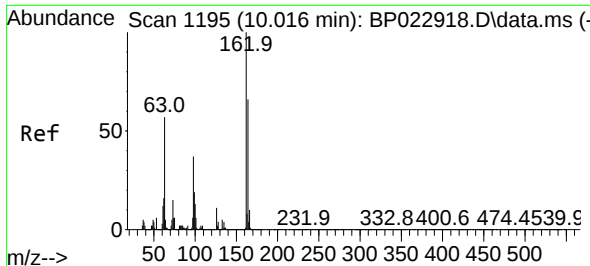
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/12/2024



#28
bis(2-Chloroethoxy)methane
Concen: 3.269 ng
RT: 9.775 min Scan# 1154
Delta R.T. -0.000 min
Lab File: BP023011.D
Acq: 11 Nov 2024 12:55

Tgt Ion: 93 Resp: 13638
Ion Ratio Lower Upper
93 100
95 36.0 25.4 38.2
123 9.3 8.6 13.0





#29

2,4-Dichlorophenol

Concen: 3.267 ng

RT: 10.051 min Scan# 1195

Delta R.T. 0.035 min

Lab File: BP023011.D

Acq: 11 Nov 2024 12:55

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT4-2024

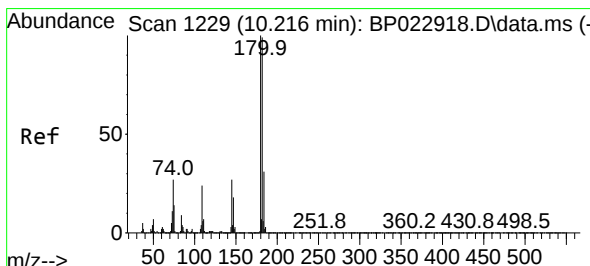
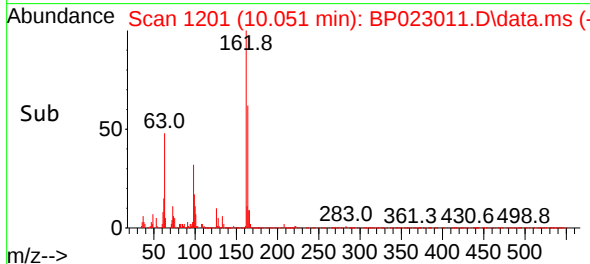
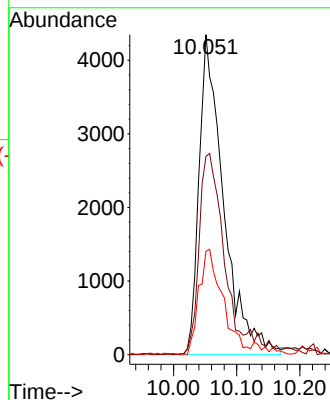
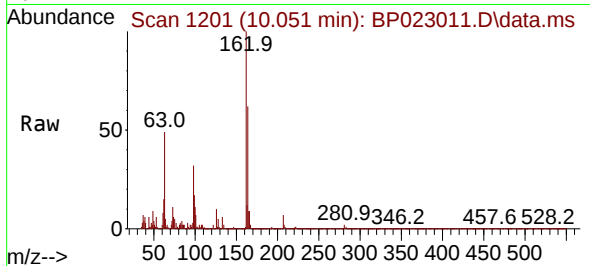
Tgt Ion:	162	Resp:	1169
Ion Ratio	Lower	Upper	
162	100		
164	62.0	46.0	86.0
98	32.3	16.7	56.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/12/2024

Supervised By :mohammad ahmed 11/12/2024



#30

1,2,4-Trichlorobenzene

Concen: 3.634 ng

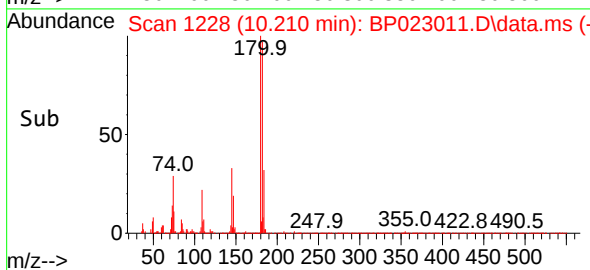
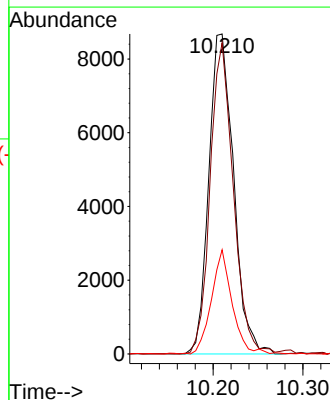
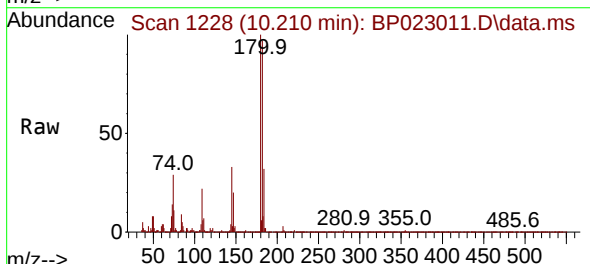
RT: 10.210 min Scan# 1228

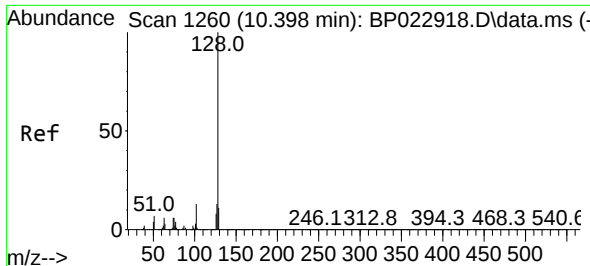
Delta R.T. -0.006 min

Lab File: BP023011.D

Acq: 11 Nov 2024 12:55

Tgt Ion:	180	Resp:	16624
Ion Ratio	Lower	Upper	
180	100		
182	97.3	79.4	119.2
145	32.6	21.6	32.4





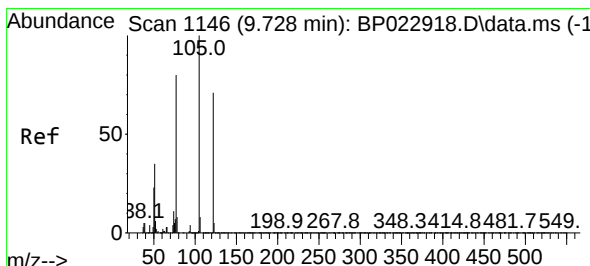
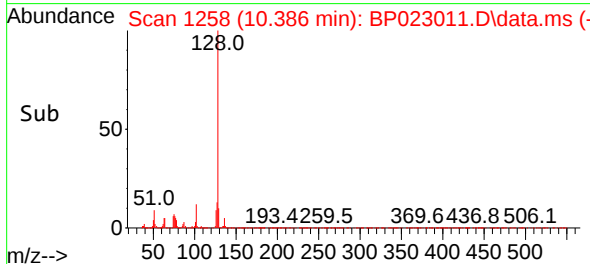
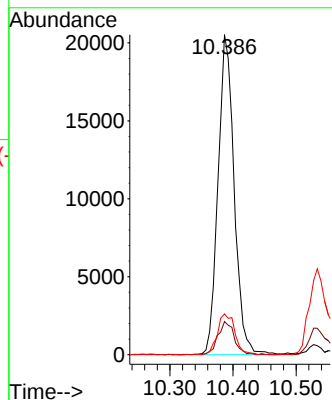
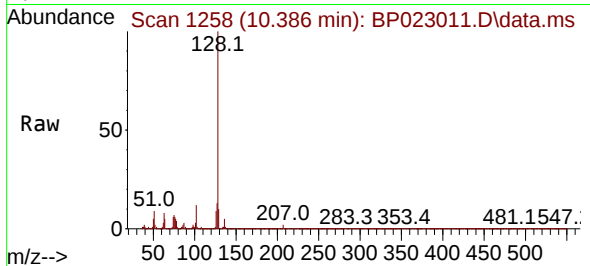
#31
Naphthalene
Concen: 3.538 ng
RT: 10.386 min Scan# 1128
Delta R.T. -0.012 min
Lab File: BP023011.D
Acq: 11 Nov 2024 12:55

Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT4-2024

Tgt Ion:128 Resp: 3634
Ion Ratio Lower Upper
128 100
129 10.3 8.6 12.8
127 12.8 10.6 16.0

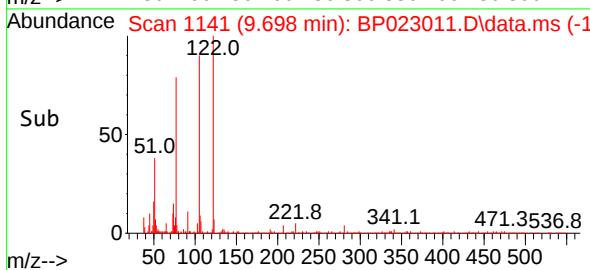
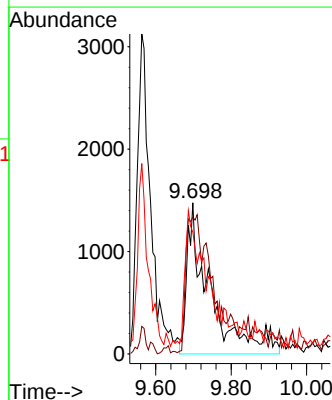
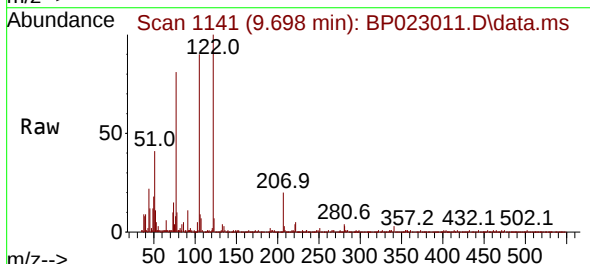
Manual Integrations
APPROVED

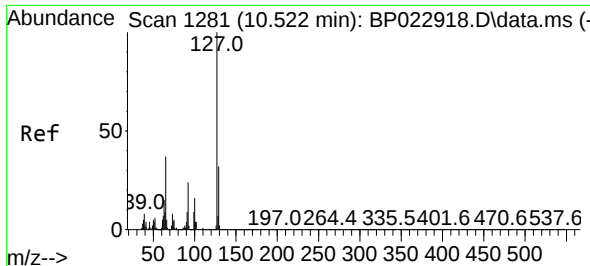
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/12/2024



#32
Benzoic acid
Concen: 2.479 ng m
RT: 9.698 min Scan# 1141
Delta R.T. -0.030 min
Lab File: BP023011.D
Acq: 11 Nov 2024 12:55

Tgt Ion:122 Resp: 6154
Ion Ratio Lower Upper
122 100
105 90.4 119.9 159.9#
77 80.5 92.2 132.2#





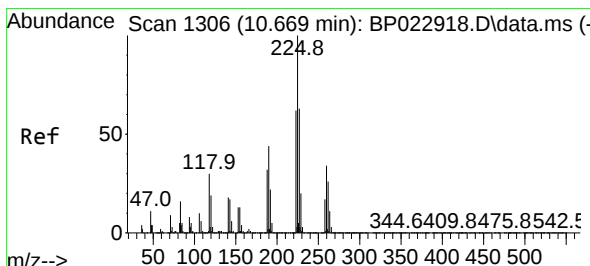
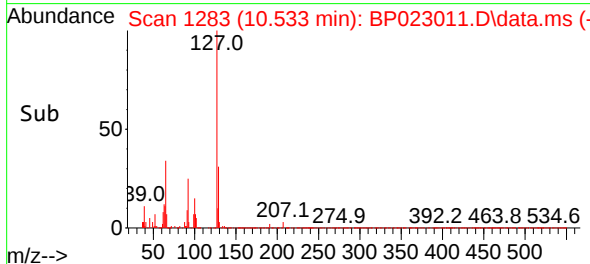
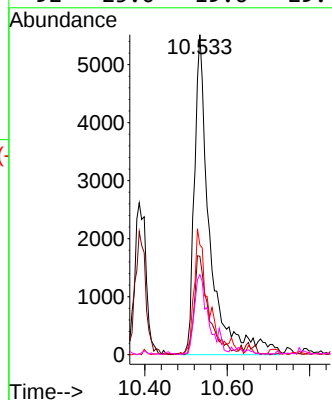
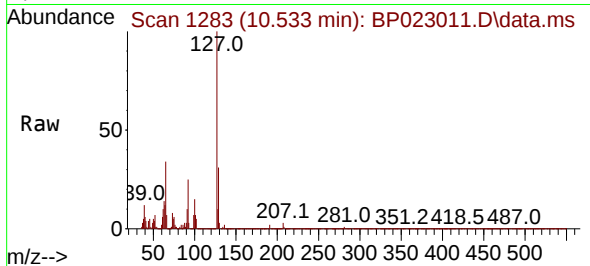
#33
4-Chloroaniline
Concen: 3.930 ng m
RT: 10.533 min Scan# 10
Delta R.T. 0.012 min
Lab File: BP023011.D
Acq: 11 Nov 2024 12:55

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2024

Tgt Ion	Ratio	Lower	Upper
127	100		
129	30.7	25.2	37.8
65	34.3	29.7	44.5
92	25.0	19.6	29.4

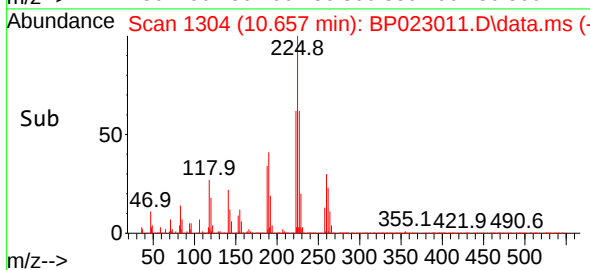
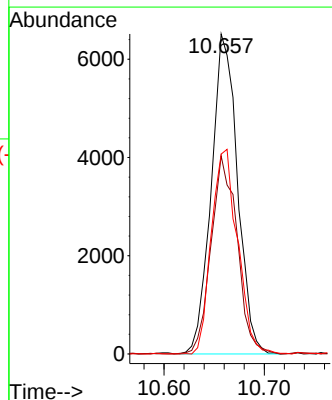
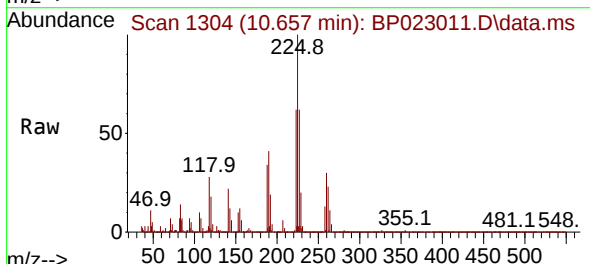
Manual Integrations
APPROVED

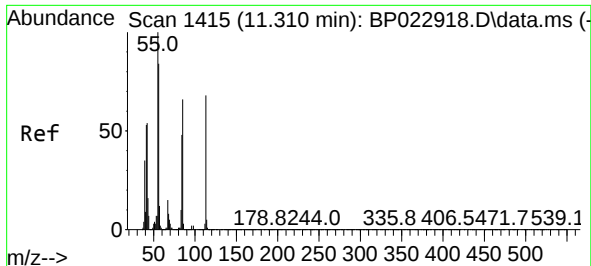
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/12/2024



#34
Hexachlorobutadiene
Concen: 3.524 ng
RT: 10.657 min Scan# 1304
Delta R.T. -0.012 min
Lab File: BP023011.D
Acq: 11 Nov 2024 12:55

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	49.8	74.6
227	60.4	50.5	75.7





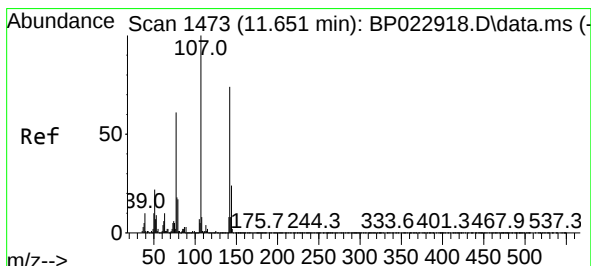
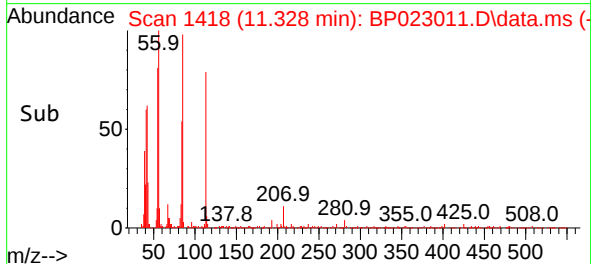
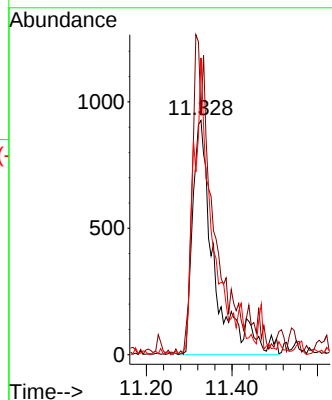
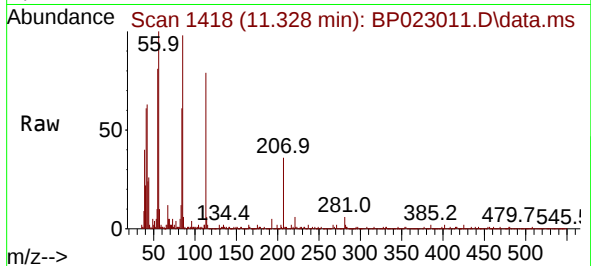
#35
Caprolactam
Concen: 3.056 ng m
RT: 11.328 min Scan# 1415
Delta R.T. 0.017 min
Lab File: BP023011.D
Acq: 11 Nov 2024 12:55

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2024

Tgt Ion:113 Resp: 3274
Ion Ratio Lower Upper
113 100
55 102.2 127.4 167.4
56 126.6 103.5 143.5

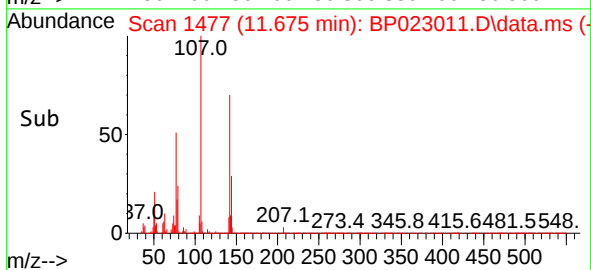
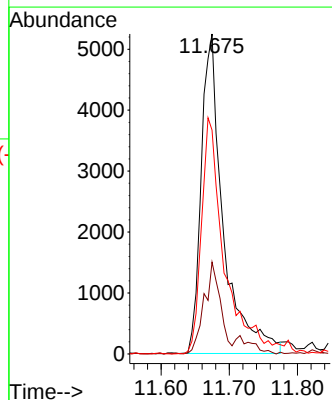
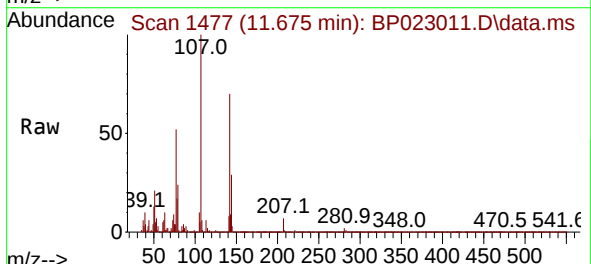
Manual Integrations
APPROVED

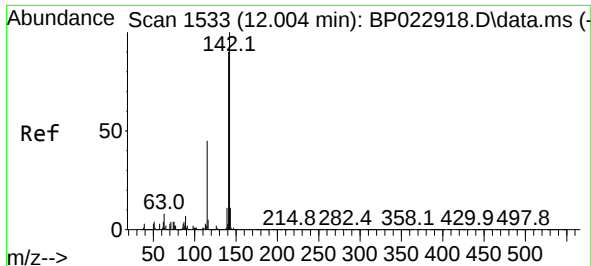
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/12/2024



#36
4-Chloro-3-methylphenol
Concen: 2.953 ng
RT: 11.675 min Scan# 1477
Delta R.T. 0.023 min
Lab File: BP023011.D
Acq: 11 Nov 2024 12:55

Tgt Ion:107 Resp: 11781
Ion Ratio Lower Upper
107 100
144 28.7 19.4 29.0
142 69.9 59.5 89.3





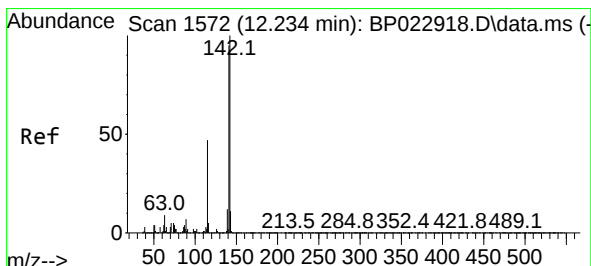
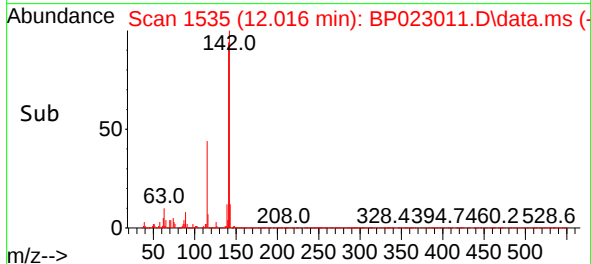
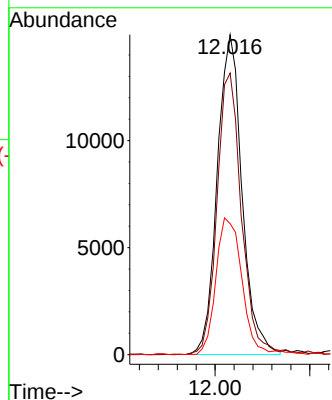
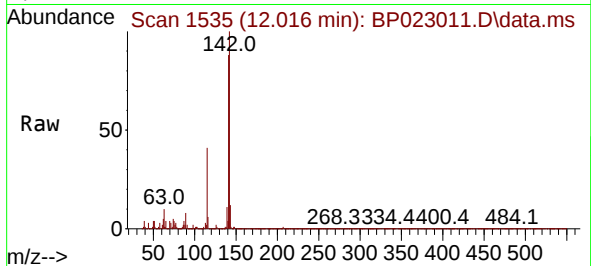
#37
2-Methylnaphthalene
Concen: 3.525 ng
RT: 12.016 min Scan# 1533
Delta R.T. 0.012 min
Lab File: BP023011.D
Acq: 11 Nov 2024 12:55

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2024

Tgt Ion:142 Resp: 2712
Ion Ratio Lower Upper
142 100
141 88.0 72.2 108.4
115 41.0 35.9 53.9

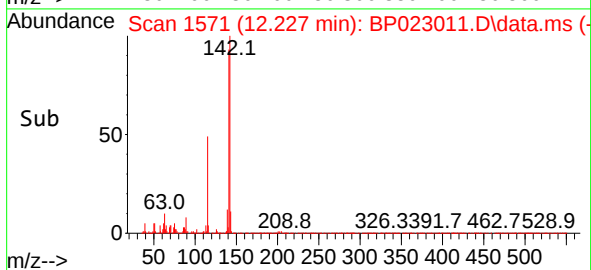
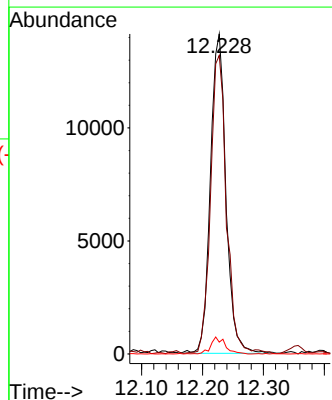
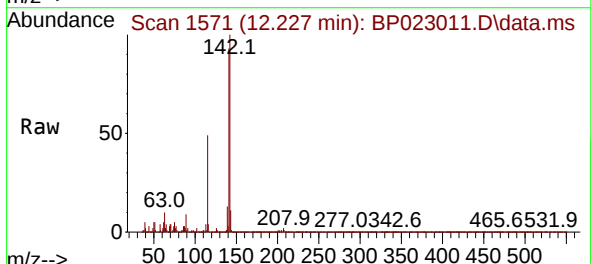
Manual Integrations
APPROVED

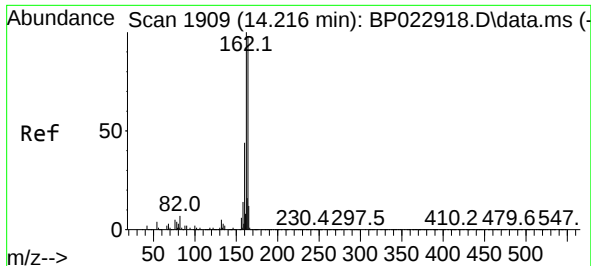
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/12/2024



#38
1-Methylnaphthalene
Concen: 3.285 ng
RT: 12.227 min Scan# 1571
Delta R.T. -0.006 min
Lab File: BP023011.D
Acq: 11 Nov 2024 12:55

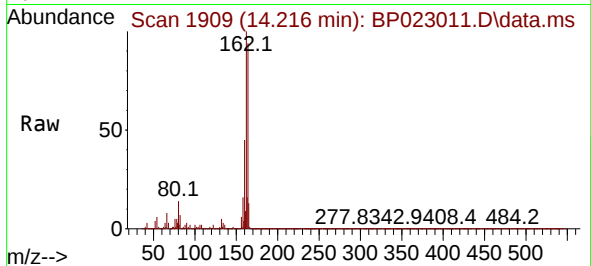
Tgt Ion:142 Resp: 25090
Ion Ratio Lower Upper
142 100
141 93.3 75.8 113.8
116 3.7 3.8 5.6#





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.216 min Scan# 1909
Delta R.T. -0.000 min
Lab File: BP023011.D
Acq: 11 Nov 2024 12:55

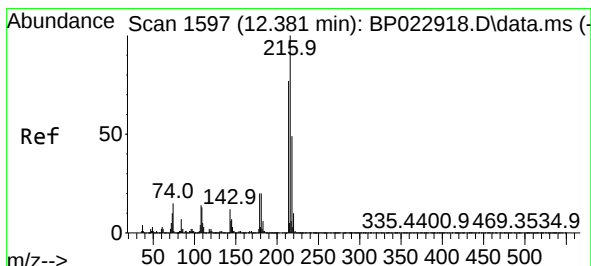
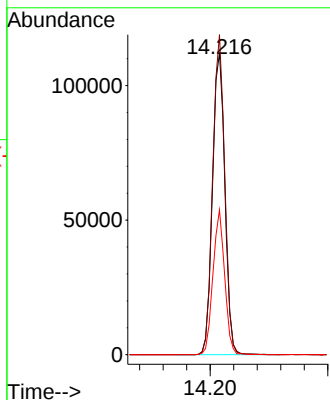
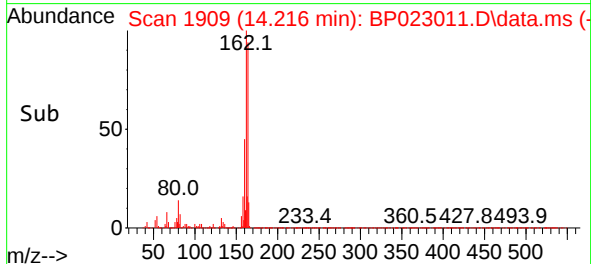
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion:164 Resp: 16299
Ion Ratio Lower Upper
164 100
162 106.1 81.8 122.8
160 48.0 35.7 53.5

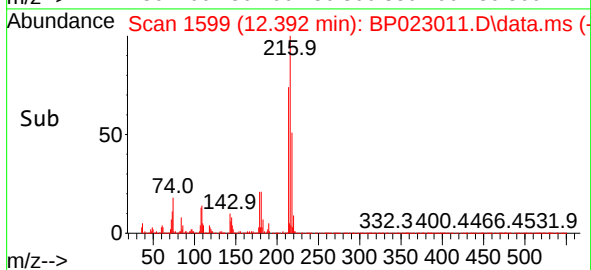
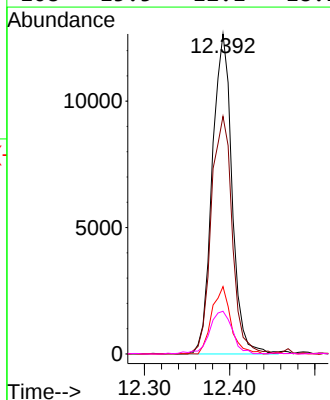
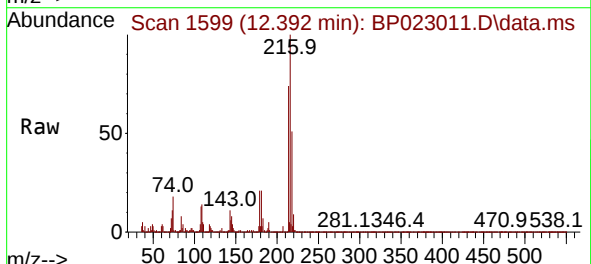
Manual Integrations
APPROVED

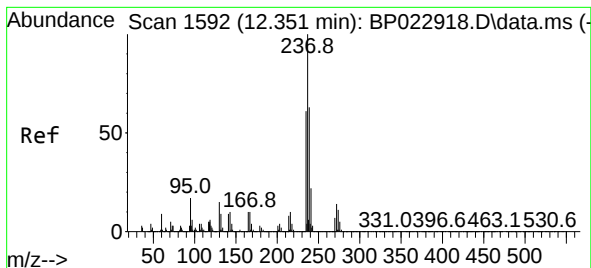
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/12/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 3.692 ng
RT: 12.392 min Scan# 1599
Delta R.T. 0.012 min
Lab File: BP023011.D
Acq: 11 Nov 2024 12:55

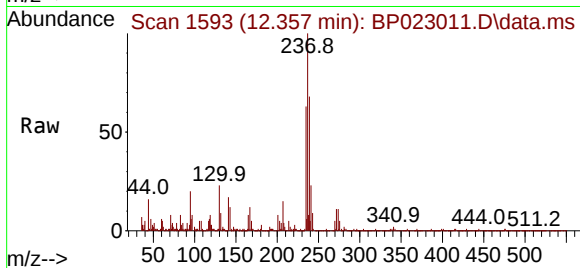
Tgt Ion:216 Resp: 20370
Ion Ratio Lower Upper
216 100
214 78.6 62.5 93.7
179 20.1 16.5 24.7
108 15.5 12.1 18.1





#41
Hexachlorocyclopentadiene
Concen: 2.331 ng
RT: 12.357 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP023011.D
Acq: 11 Nov 2024 12:55

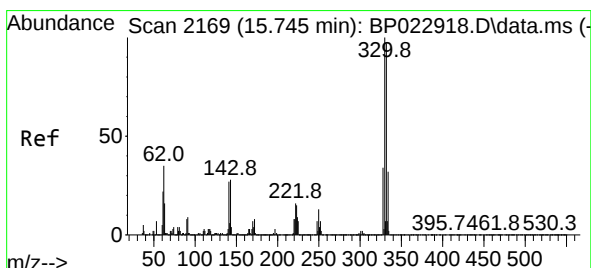
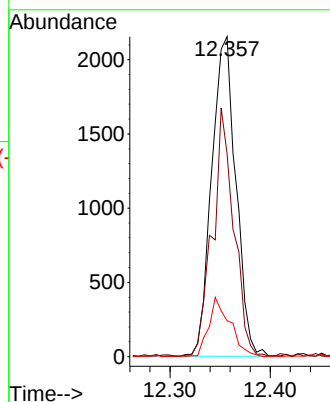
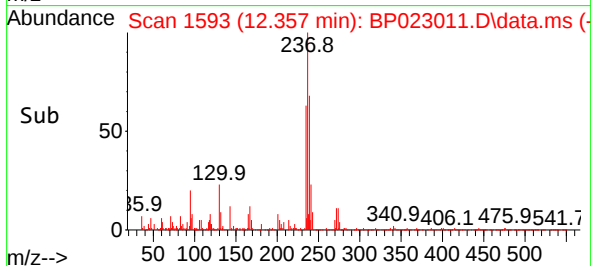
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion: 237 Resp: 361
Ion Ratio Lower Upper
237 100
235 63.4 41.2 81.2
272 11.2 0.0 33.7

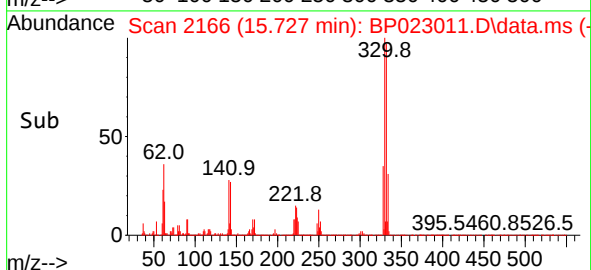
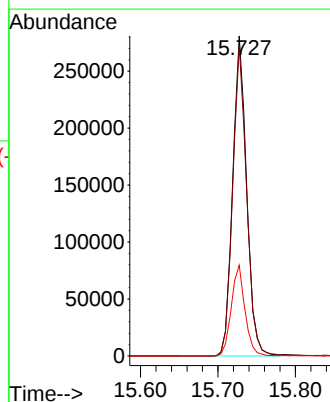
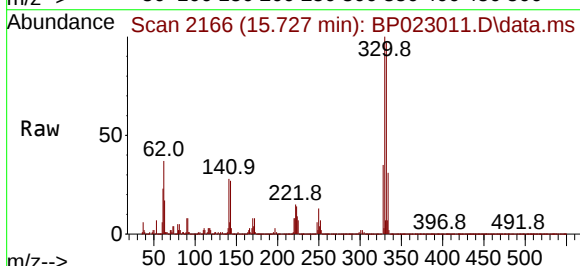
Manual Integrations
APPROVED

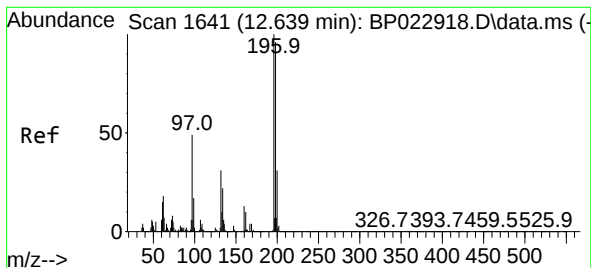
Reviewed By : Yogesh Patel 11/12/2024
Supervised By : mohammad ahmed 11/12/2024



#42
2,4,6-Tribromophenol
Concen: 111.220 ng
RT: 15.727 min Scan# 2166
Delta R.T. -0.018 min
Lab File: BP023011.D
Acq: 11 Nov 2024 12:55

Tgt Ion: 330 Resp: 351375
Ion Ratio Lower Upper
330 100
332 97.3 77.0 115.6
141 28.0 21.6 32.4





#43

2,4,6-Trichlorophenol

Concen: 3.137 ng

RT: 12.651 min Scan# 1643

Delta R.T. 0.012 min

Lab File: BP023011.D

Acq: 11 Nov 2024 12:55

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT4-2024

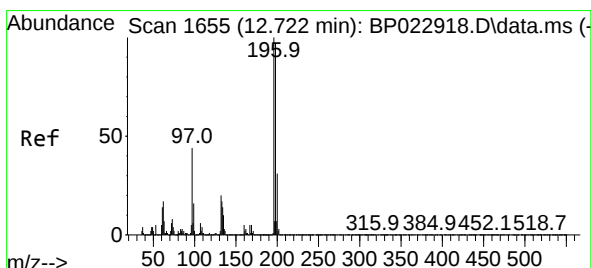
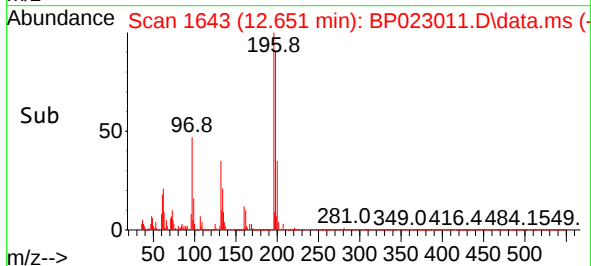
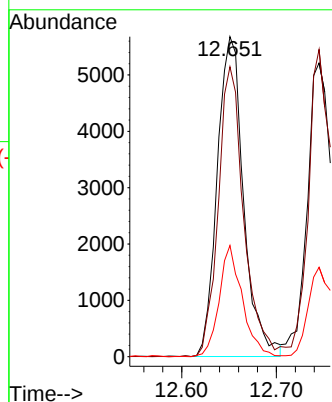
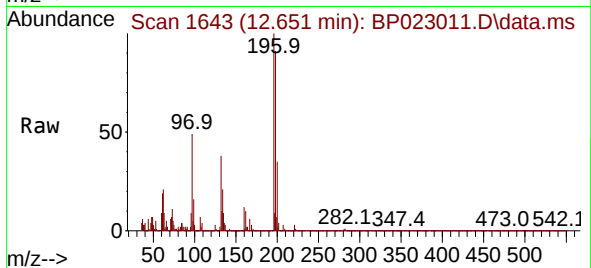
Tgt Ion:	196	Resp:	1100
Ion Ratio	Lower	Upper	
196	100		
198	90.6	76.5	114.7
200	34.8	24.6	36.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/12/2024

Supervised By :mohammad ahmed 11/12/2024



#44

2,4,5-Trichlorophenol

Concen: 3.153 ng

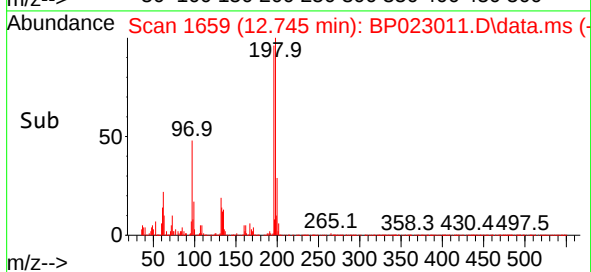
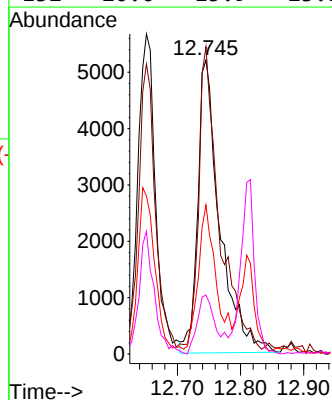
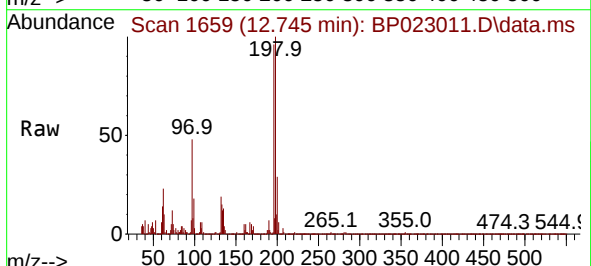
RT: 12.745 min Scan# 1659

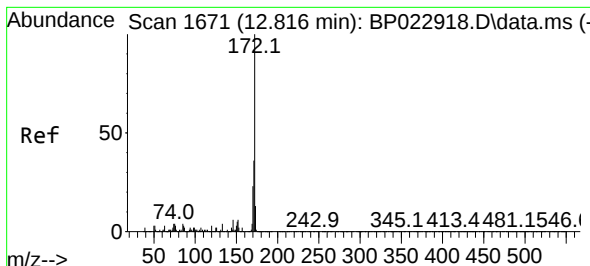
Delta R.T. 0.023 min

Lab File: BP023011.D

Acq: 11 Nov 2024 12:55

Tgt Ion:	196	Resp:	12595
Ion Ratio	Lower	Upper	
196	100		
198	104.6	77.8	116.8
97	50.7	35.2	52.8
132	20.0	15.9	23.9





#45

2-Fluorobiphenyl

Concen: 79.785 ng

RT: 12.810 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP023011.D

Acq: 11 Nov 2024 12:55

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT4-2024

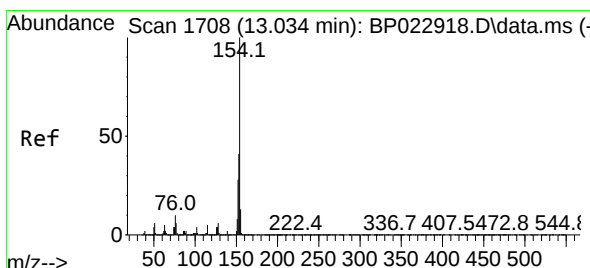
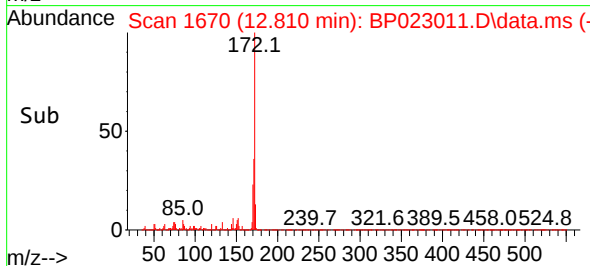
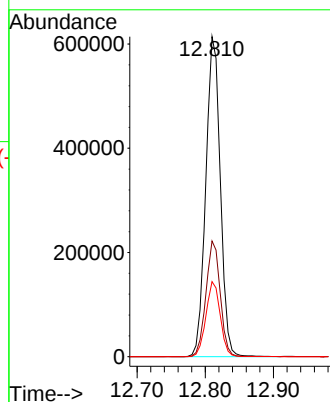
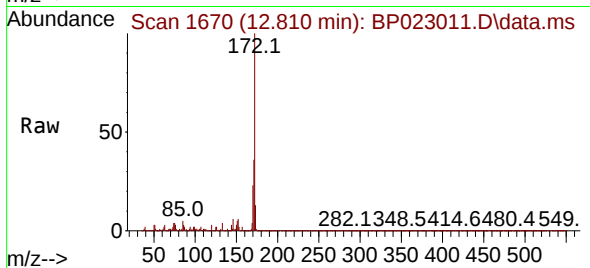
Tgt Ion:	172	Resp:	91011
Ion Ratio	Lower	Upper	
172	100		
171	36.1	28.5	42.7
170	23.5	18.6	27.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/12/2024

Supervised By :mohammad ahmed 11/12/2024



#46

1,1'-Biphenyl

Concen: 3.830 ng

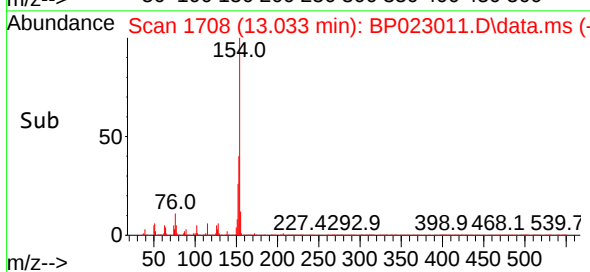
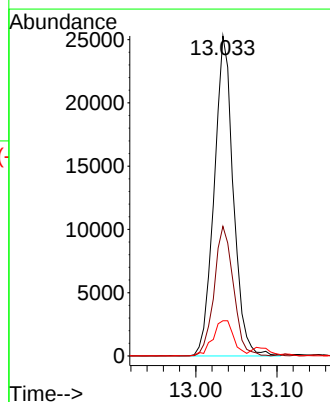
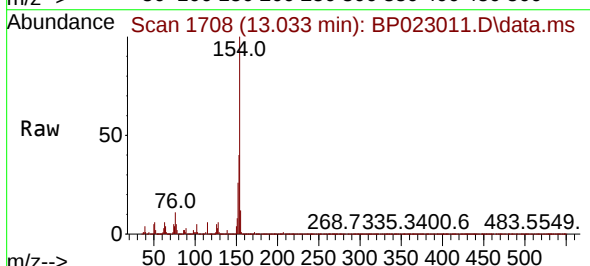
RT: 13.033 min Scan# 1708

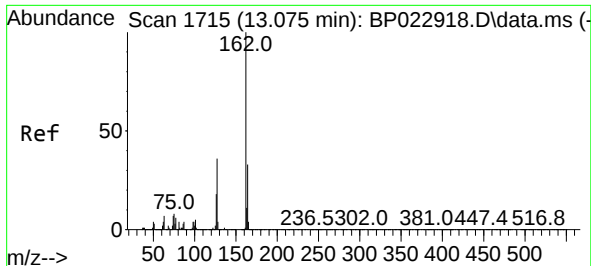
Delta R.T. -0.000 min

Lab File: BP023011.D

Acq: 11 Nov 2024 12:55

Tgt Ion:	154	Resp:	41502
Ion Ratio	Lower	Upper	
154	100		
153	40.5	20.6	60.6
76	11.0	0.0	30.5





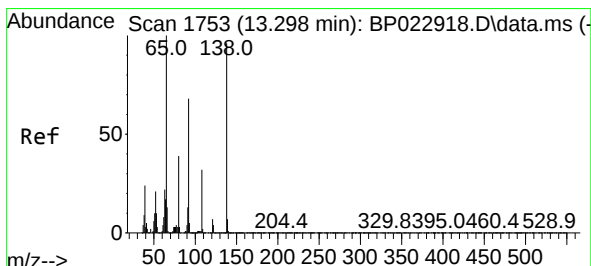
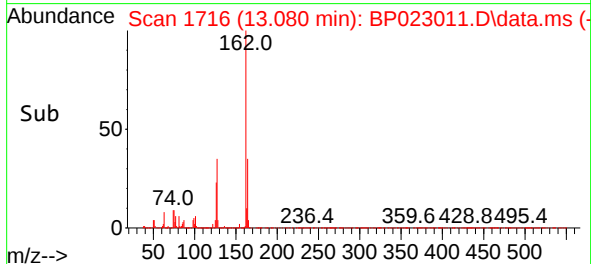
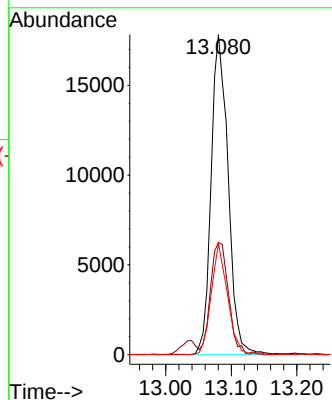
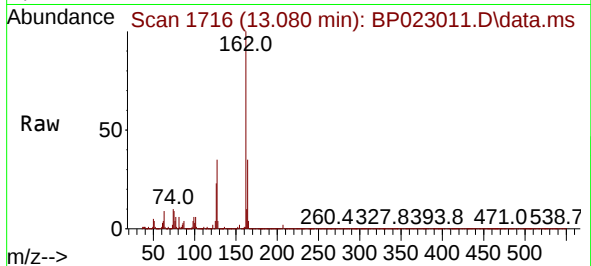
#47
2-Chloronaphthalene
Concen: 3.571 ng
RT: 13.080 min Scan# 1716
Delta R.T. 0.006 min
Lab File: BP023011.D
Acq: 11 Nov 2024 12:55

Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT4-2024

Tgt Ion:162 Resp: 32109
Ion Ratio Lower Upper
162 100
127 35.1 28.6 43.0
164 34.7 26.4 39.6

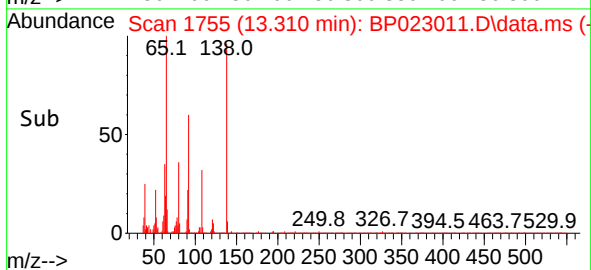
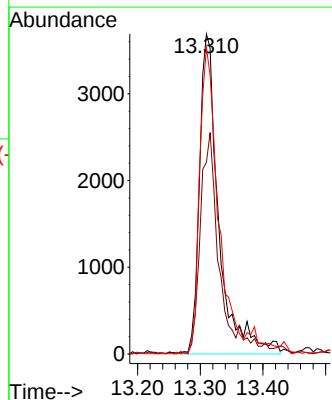
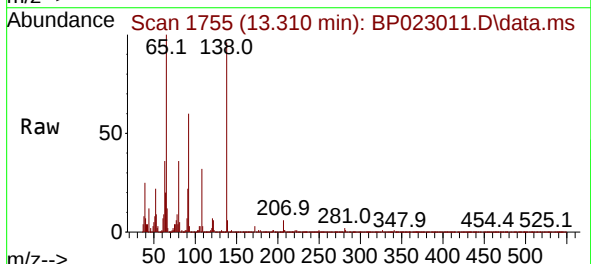
Manual Integrations
APPROVED

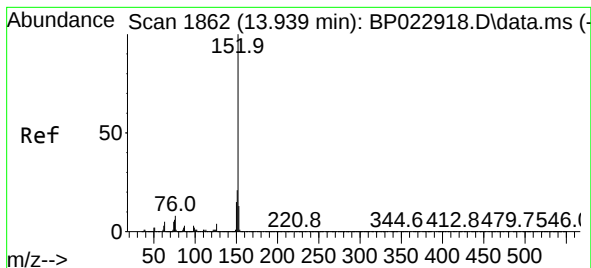
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/12/2024



#48
2-Nitroaniline
Concen: 3.011 ng m
RT: 13.310 min Scan# 1755
Delta R.T. 0.012 min
Lab File: BP023011.D
Acq: 11 Nov 2024 12:55

Tgt Ion: 65 Resp: 7888
Ion Ratio Lower Upper
65 100
92 59.9 54.4 81.6
138 95.8 76.5 114.7





#49

Acenaphthylene

Concen: 3.646 ng

RT: 13.927 min Scan# 1860

Delta R.T. -0.012 min

Lab File: BP023011.D

Acq: 11 Nov 2024 12:55

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT4-2024

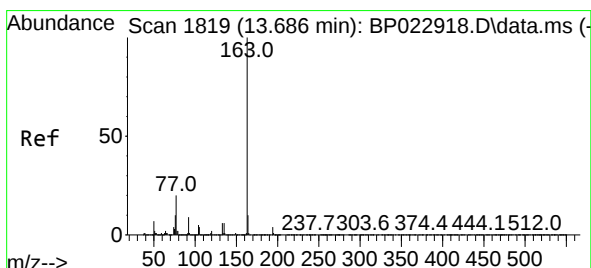
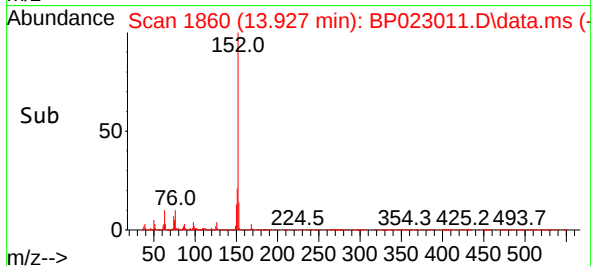
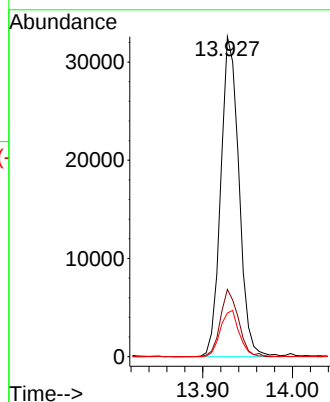
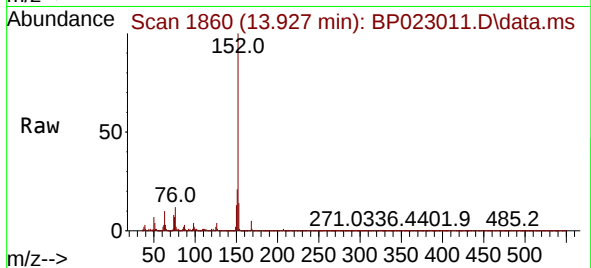
Tgt Ion:	152	Resp:	45790
Ion Ratio	Lower	Upper	
152	100		
151	21.0	16.8	25.2
153	13.7	10.8	16.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/12/2024

Supervised By :mohammad ahmed 11/12/2024



#50

Dimethylphthalate

Concen: 3.475 ng

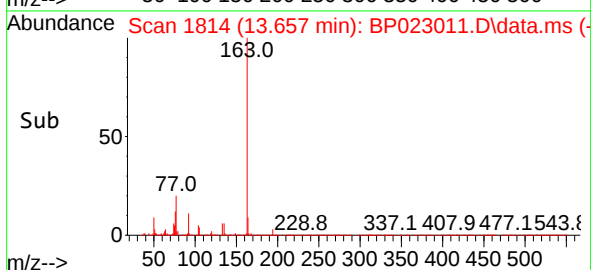
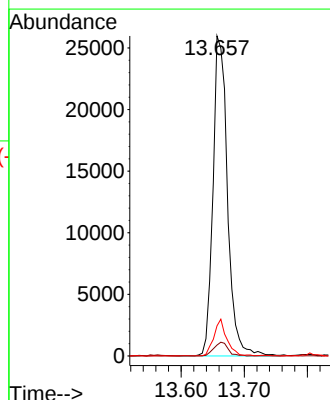
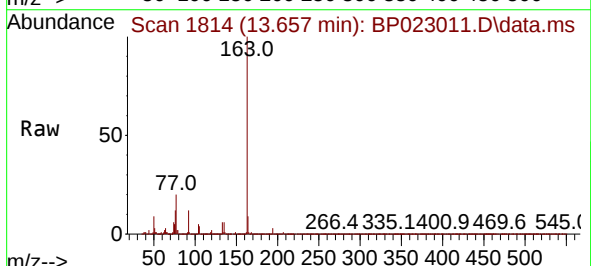
RT: 13.657 min Scan# 1814

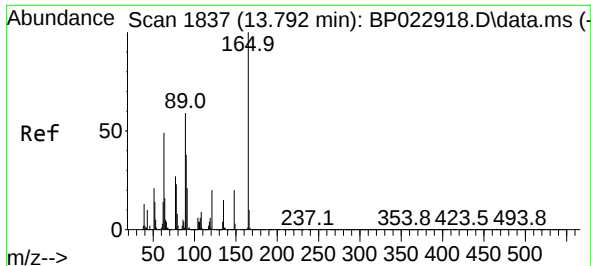
Delta R.T. -0.030 min

Lab File: BP023011.D

Acq: 11 Nov 2024 12:55

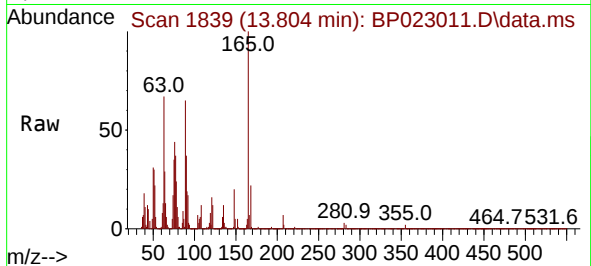
Tgt Ion:	163	Resp:	41468
Ion Ratio	Lower	Upper	
163	100		
194	3.4	3.5	5.3
164	9.4	8.0	12.0





#51
2,6-Dinitrotoluene
Concen: 3.039 ng
RT: 13.804 min Scan# 1839
Delta R.T. 0.012 min
Lab File: BP023011.D
Acq: 11 Nov 2024 12:55

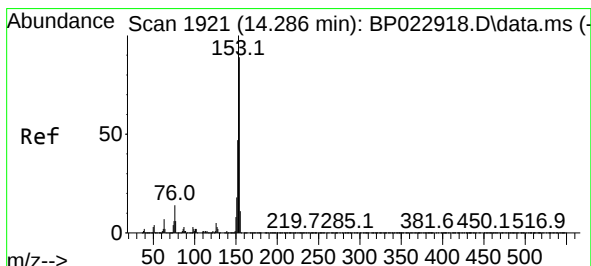
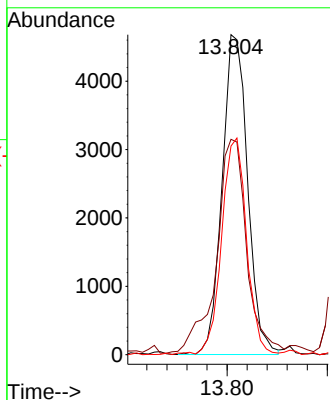
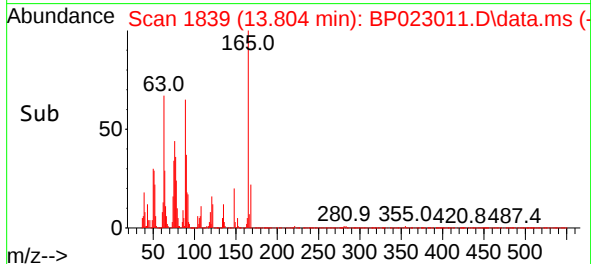
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion:165 Resp: 824
Ion Ratio Lower Upper
165 100
63 67.3 45.1 67.7
89 65.2 46.9 70.3

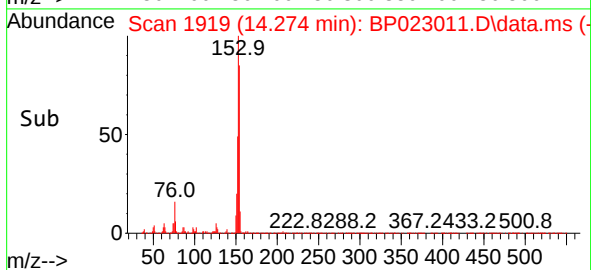
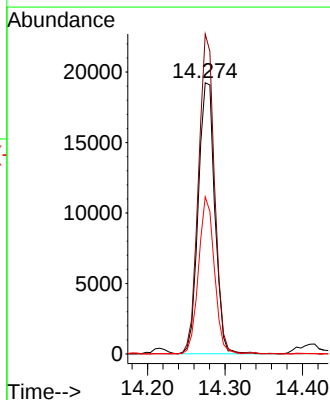
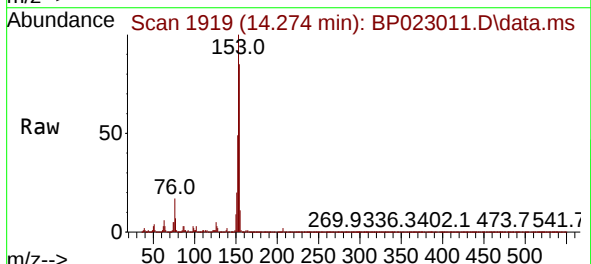
Manual Integrations
APPROVED

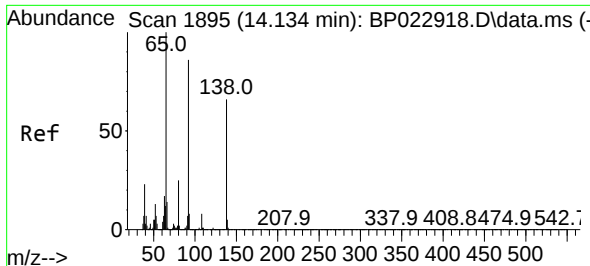
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/12/2024



#52
Acenaphthene
Concen: 3.526 ng
RT: 14.274 min Scan# 1919
Delta R.T. -0.012 min
Lab File: BP023011.D
Acq: 11 Nov 2024 12:55

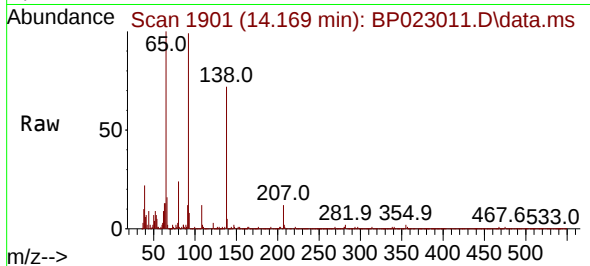
Tgt Ion:154 Resp: 28472
Ion Ratio Lower Upper
154 100
153 118.0 89.9 134.9
152 58.0 42.1 63.1





#53
3-Nitroaniline
Concen: 3.170 ng m
RT: 14.169 min Scan# 1901
Delta R.T. 0.035 min
Lab File: BP023011.D
Acq: 11 Nov 2024 12:55

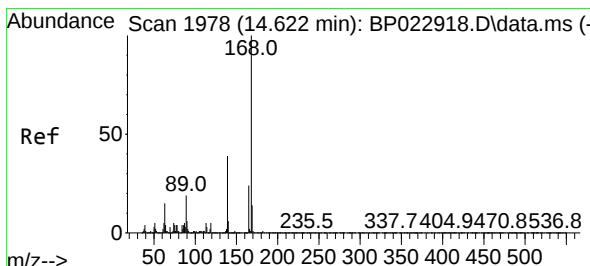
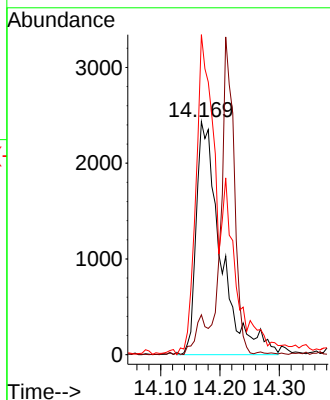
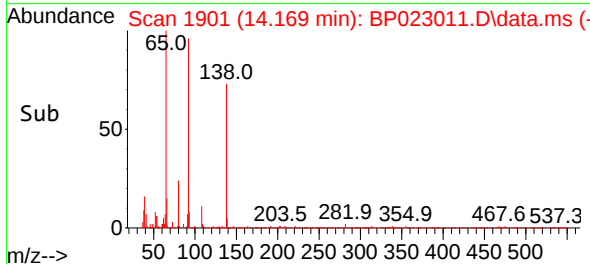
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion:138 Resp: 6989
Ion Ratio Lower Upper
138 100
108 17.1 10.2 15.2
92 137.4 104.2 156.2

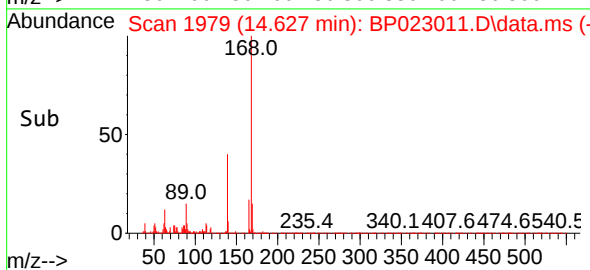
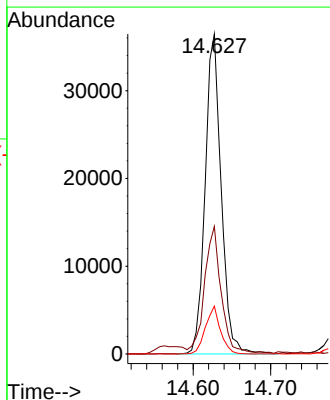
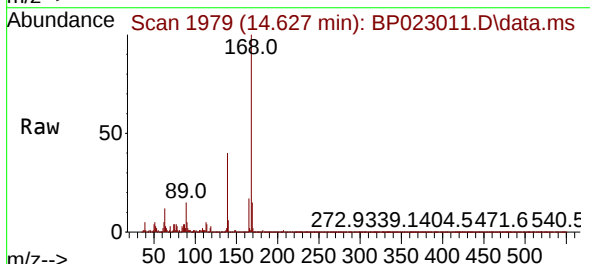
Manual Integrations
APPROVED

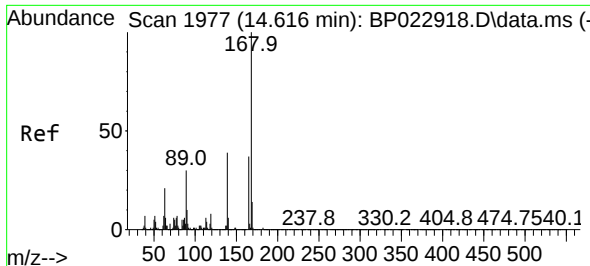
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/12/2024



#55
Dibenzofuran
Concen: 3.696 ng
RT: 14.627 min Scan# 1979
Delta R.T. 0.006 min
Lab File: BP023011.D
Acq: 11 Nov 2024 12:55

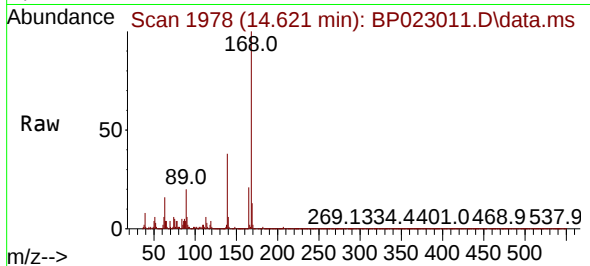
Tgt Ion:168 Resp: 52408
Ion Ratio Lower Upper
168 100
139 39.8 31.1 46.7
169 14.9 11.0 16.6





#57
2,4-Dinitrotoluene
Concen: 2.724 ng
RT: 14.621 min Scan# 1977
Delta R.T. 0.006 min
Lab File: BP023011.D
Acq: 11 Nov 2024 12:55

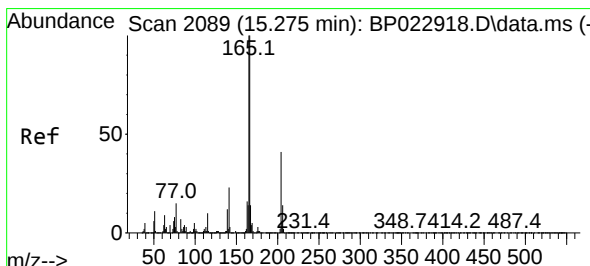
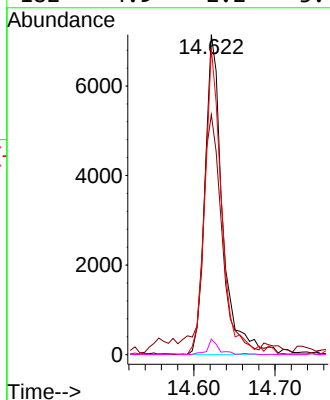
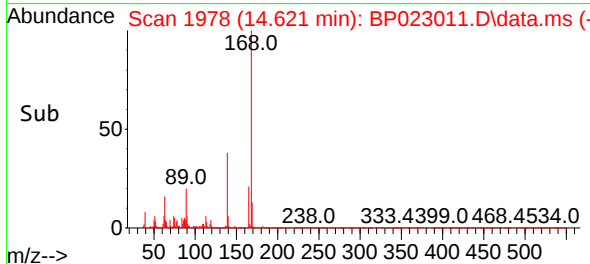
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion:165 Resp: 1068
Ion Ratio Lower Upper
165 100
63 75.0 46.5 69.7
89 95.7 64.0 96.0
182 4.9 2.2 3.4#

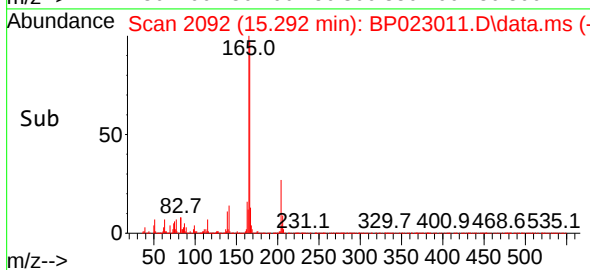
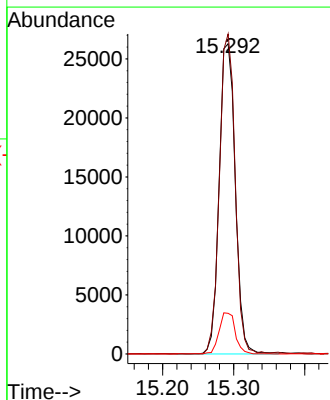
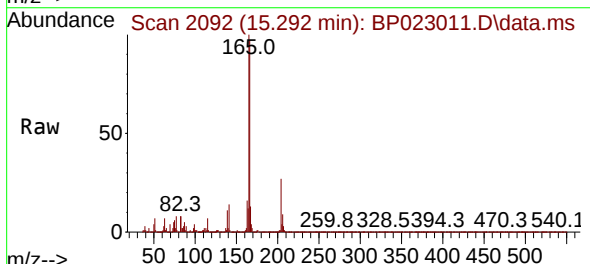
Manual Integrations
APPROVED

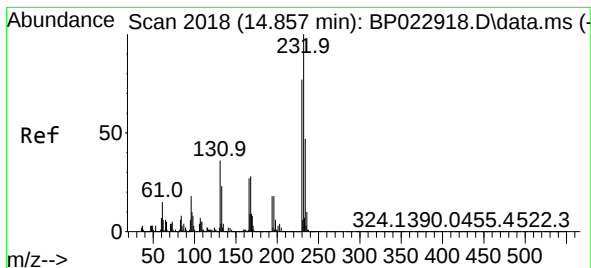
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/12/2024



#58
Fluorene
Concen: 3.496 ng
RT: 15.292 min Scan# 2092
Delta R.T. 0.017 min
Lab File: BP023011.D
Acq: 11 Nov 2024 12:55

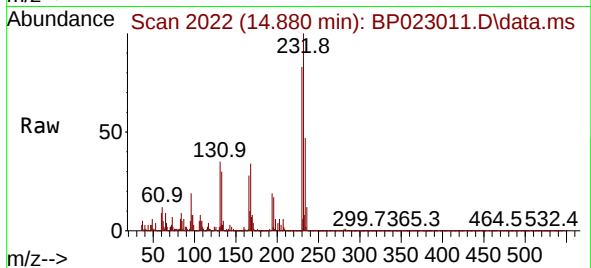
Tgt Ion:166 Resp: 41189
Ion Ratio Lower Upper
166 100
165 103.1 80.1 120.1
167 13.1 11.1 16.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 3.256 ng
RT: 14.880 min Scan# 2018
Delta R.T. 0.023 min
Lab File: BP023011.D
Acq: 11 Nov 2024 12:55

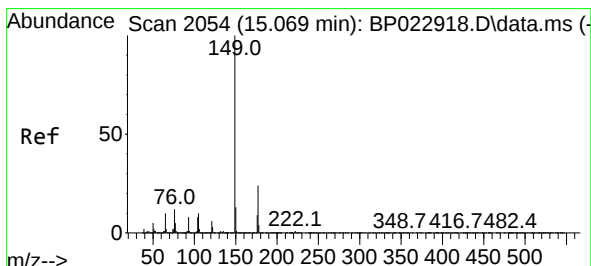
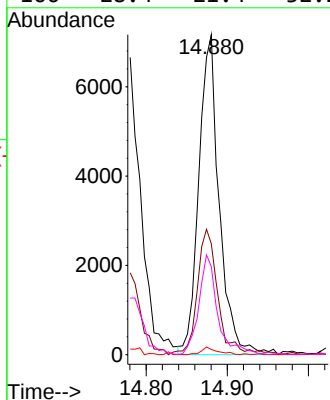
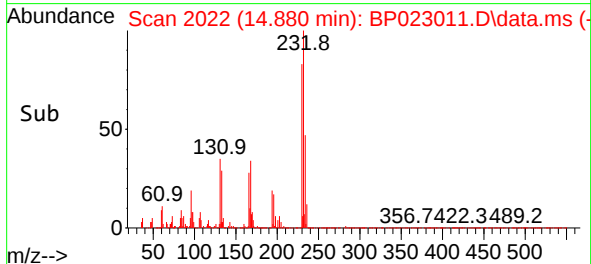
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion:232 Resp: 12544
Ion Ratio Lower Upper
232 100
131 39.6 28.2 42.2
130 1.8 1.7 2.5
166 28.4 21.4 32.2

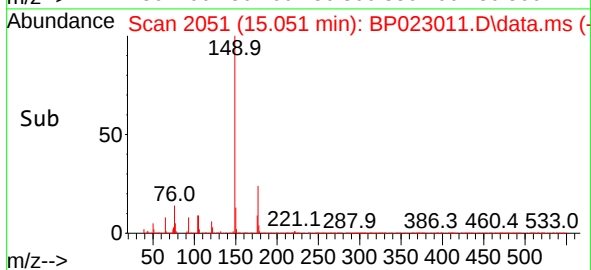
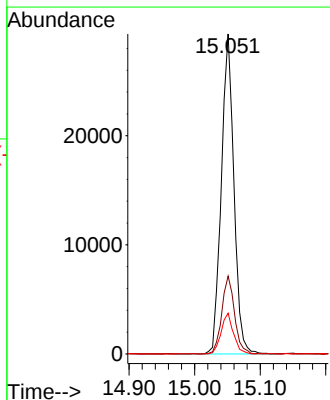
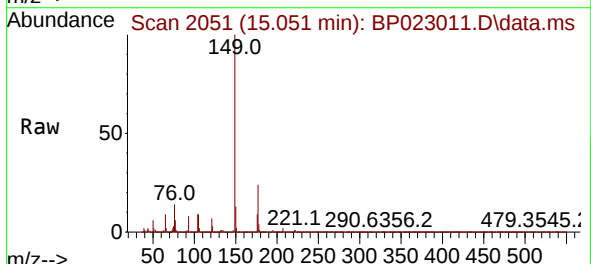
Manual Integrations
APPROVED

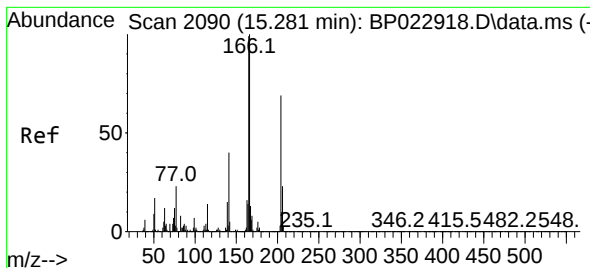
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/12/2024



#60
Diethylphthalate
Concen: 3.277 ng
RT: 15.051 min Scan# 2051
Delta R.T. -0.018 min
Lab File: BP023011.D
Acq: 11 Nov 2024 12:55

Tgt Ion:149 Resp: 38896
Ion Ratio Lower Upper
149 100
177 24.4 18.9 28.3
150 12.8 10.3 15.5





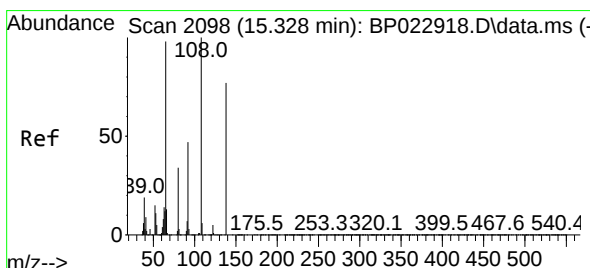
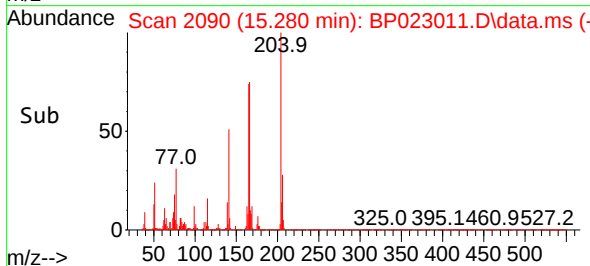
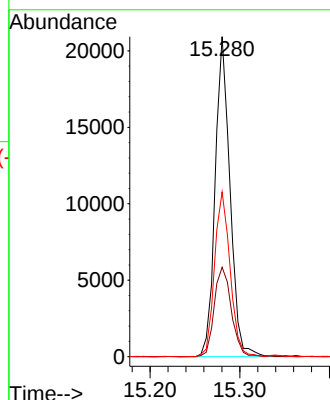
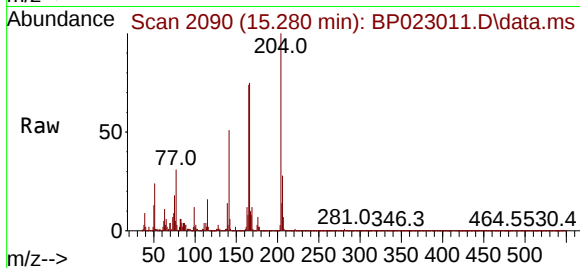
#61
4-Chlorophenyl-phenylether
Concen: 3.467 ng
RT: 15.280 min Scan# 2103
Delta R.T. -0.000 min
Lab File: BP023011.D
Acq: 11 Nov 2024 12:55

Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT4-2024

Tgt Ion: 204 Resp: 2407
Ion Ratio Lower Upper
204 100
206 28.0 26.8 40.2
141 51.5 46.2 69.4

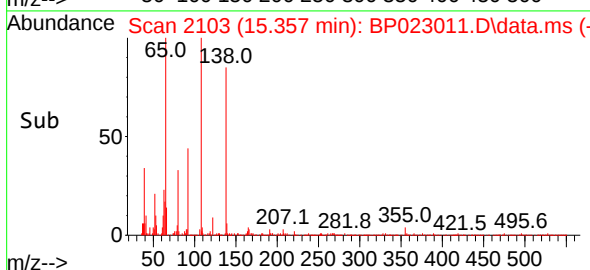
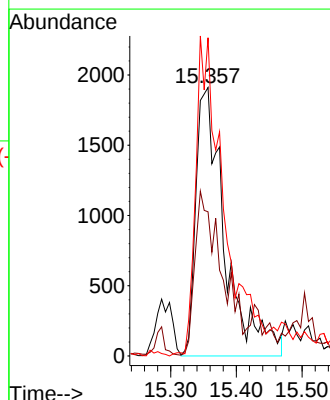
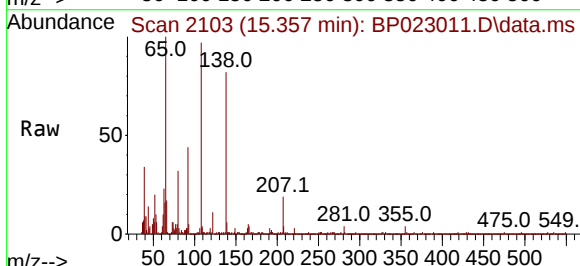
Manual Integrations
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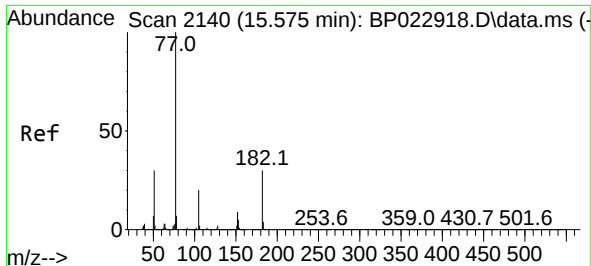
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/12/2024



#62
4-Nitroaniline
Concen: 2.594 ng m
RT: 15.357 min Scan# 2103
Delta R.T. 0.029 min
Lab File: BP023011.D
Acq: 11 Nov 2024 12:55

Tgt Ion: 138 Resp: 5869
Ion Ratio Lower Upper
138 100
92 53.7 41.9 81.9
108 118.6 109.3 149.3





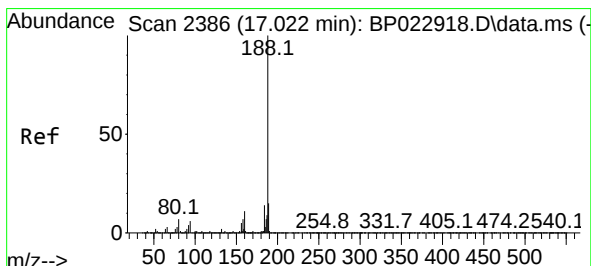
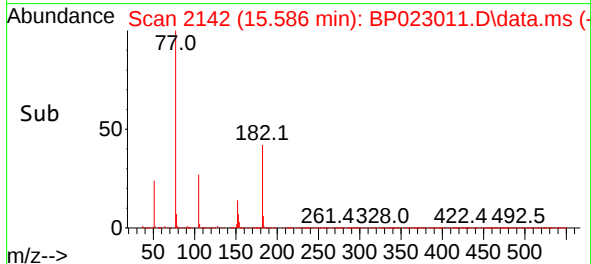
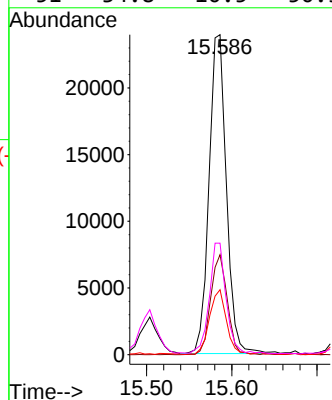
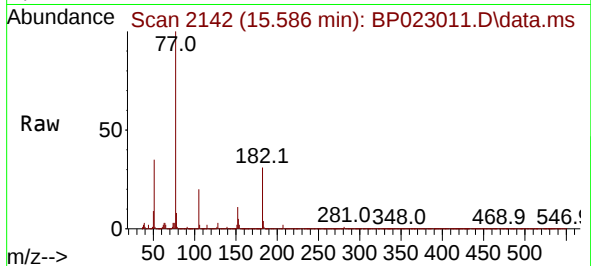
#63
Azobenzene
Concen: 3.315 ng
RT: 15.586 min Scan# 2140
Delta R.T. 0.012 min
Lab File: BP023011.D
Acq: 11 Nov 2024 12:55

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2024

Tgt Ion	Ratio	Lower	Upper
77	100		
182	31.3	9.9	49.9
105	20.3	0.0	39.9
51	34.8	10.5	50.5

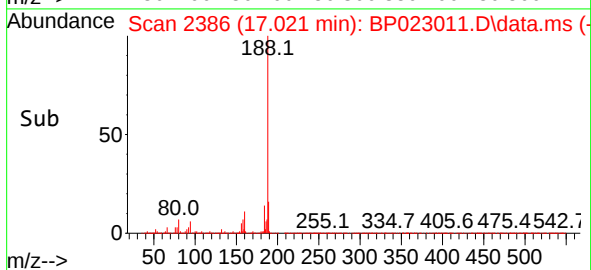
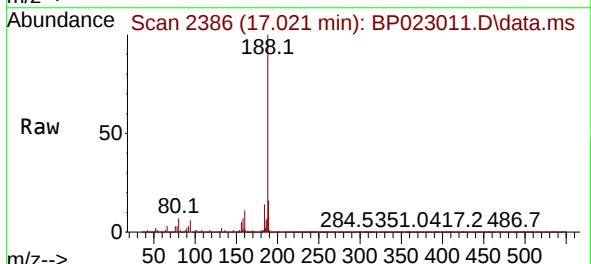
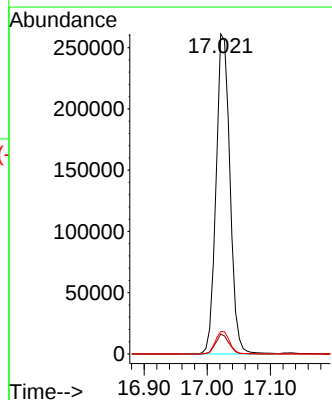
Manual Integrations
APPROVED

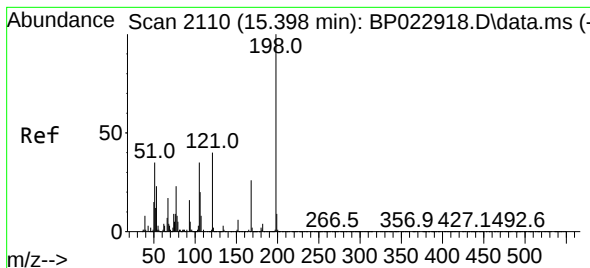
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/12/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.021 min Scan# 2386
Delta R.T. -0.000 min
Lab File: BP023011.D
Acq: 11 Nov 2024 12:55

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.2	4.8	7.2
80	7.0	5.9	8.9





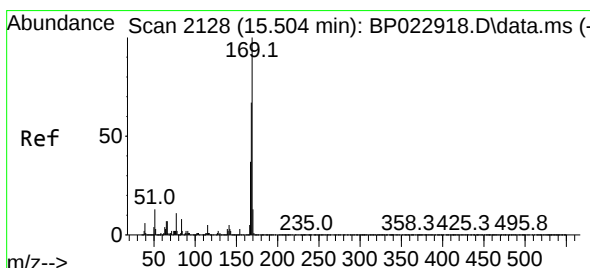
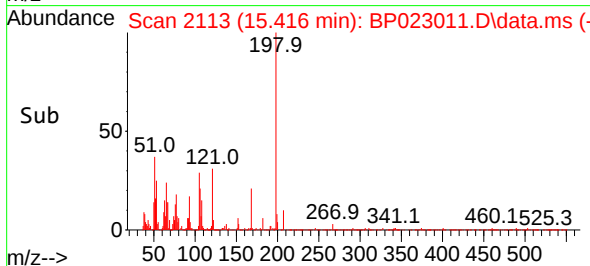
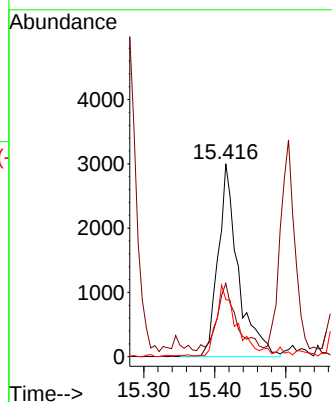
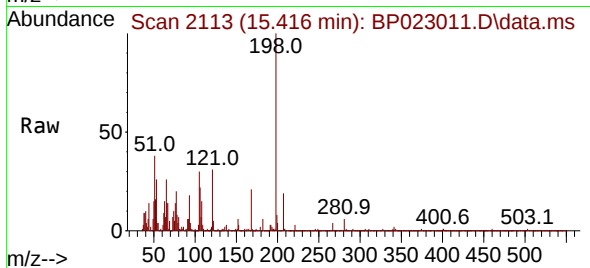
#65
4,6-Dinitro-2-methylphenol
Concen: 2.411 ng
RT: 15.416 min Scan# 2113
Delta R.T. 0.017 min
Lab File: BP023011.D
Acq: 11 Nov 2024 12:55

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2024

Tgt Ion:198 Resp: 584
Ion Ratio Lower Upper
198 100
51 38.0 17.4 57.4
105 29.6 15.4 55.4

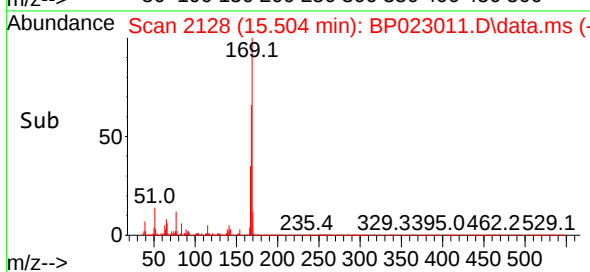
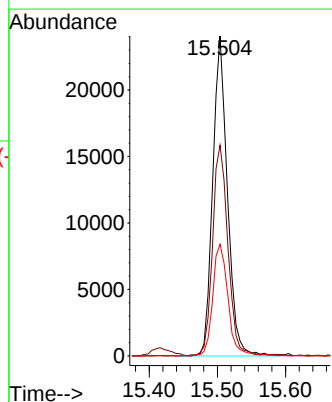
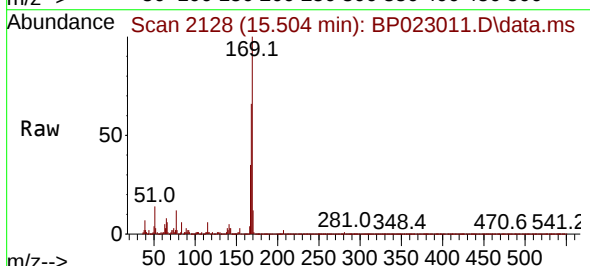
Manual Integrations
APPROVED

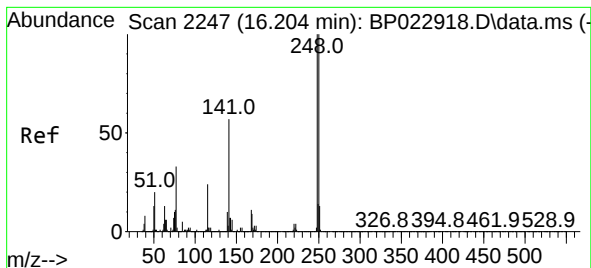
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/12/2024



#66
n-Nitrosodiphenylamine
Concen: 3.661 ng
RT: 15.504 min Scan# 2128
Delta R.T. -0.000 min
Lab File: BP023011.D
Acq: 11 Nov 2024 12:55

Tgt Ion:169 Resp: 36079
Ion Ratio Lower Upper
169 100
168 65.9 53.9 80.9
167 34.9 29.4 44.0





#67

4-Bromophenyl-phenylether

Concen: 3.478 ng

RT: 16.186 min Scan# 2244

Delta R.T. -0.018 min

Lab File: BP023011.D

Acq: 11 Nov 2024 12:55

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT4-2024

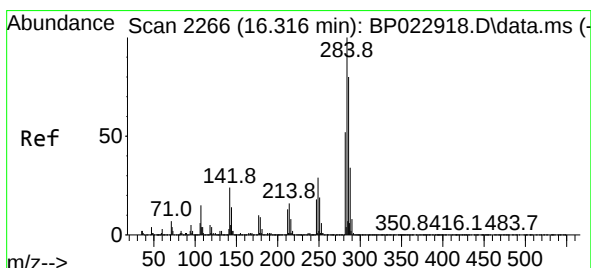
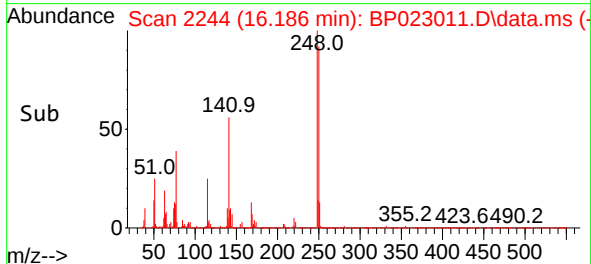
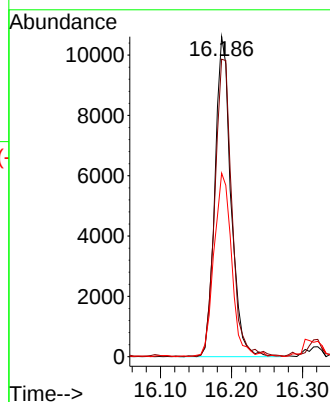
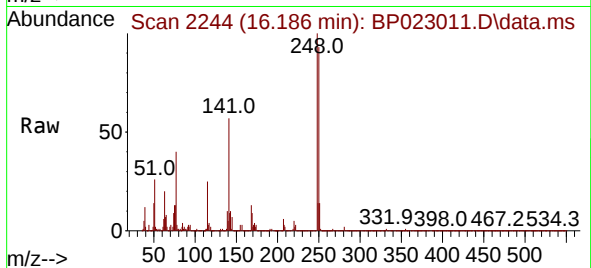
Tgt Ion:248	Resp: 16629
Ion Ratio	Lower Upper
248 100	
250 93.0	79.8 119.6
141 57.4	45.2 67.8

Manual Integrations

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Reviewed By :Yogesh Patel 11/12/2024

Supervised By :mohammad ahmed 11/12/2024



#68

Hexachlorobenzene

Concen: 3.507 ng

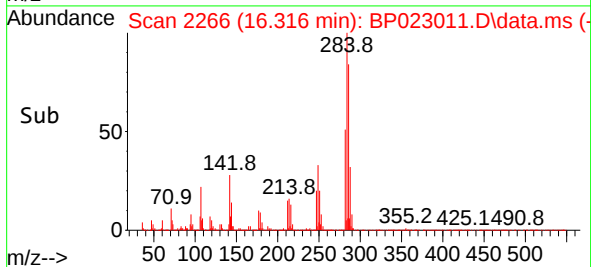
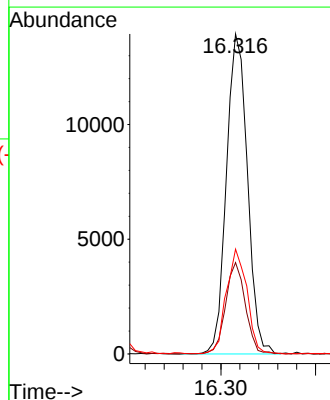
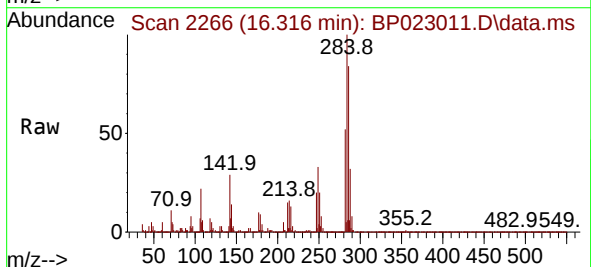
RT: 16.316 min Scan# 2266

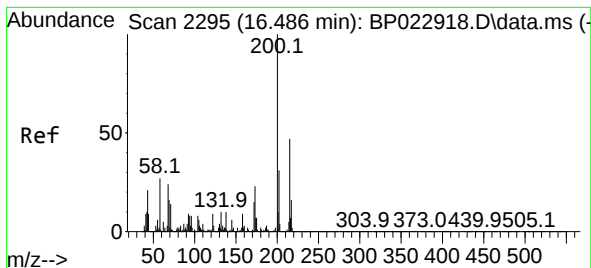
Delta R.T. -0.000 min

Lab File: BP023011.D

Acq: 11 Nov 2024 12:55

Tgt Ion:284	Resp: 21476
Ion Ratio	Lower Upper
284 100	
142 28.5	19.0 28.4
249 32.8	23.0 34.6





#69

Atrazine

Concen: 4.162 ng

RT: 16.480 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP023011.D

Acq: 11 Nov 2024 12:55

Instrument :

BNA_P

ClientSampleId :

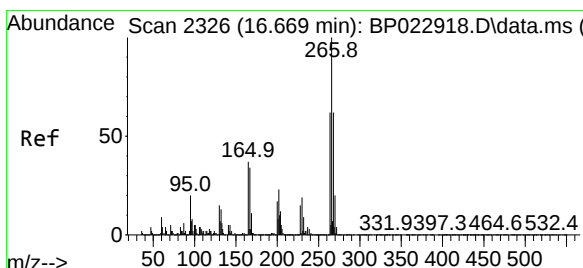
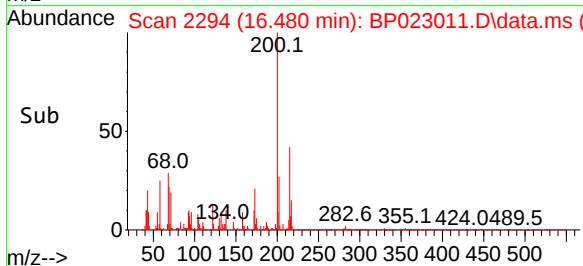
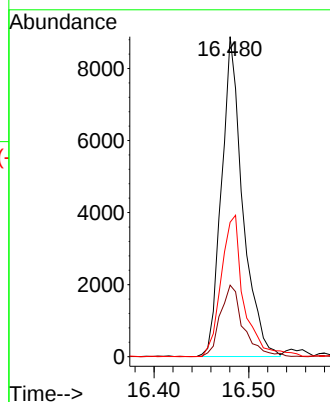
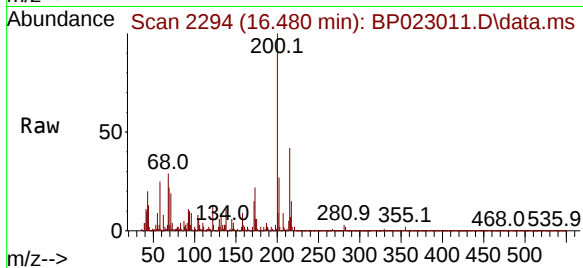
MDL-WATER-03-QT4-2024

Tgt Ion	Ratio	Lower	Upper
200	100		
173	22.3	2.7	42.7
215	42.0	27.1	67.1

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/12/2024

Supervised By :mohammad ahmed 11/12/2024



#70

Pentachlorophenol

Concen: 2.706 ng

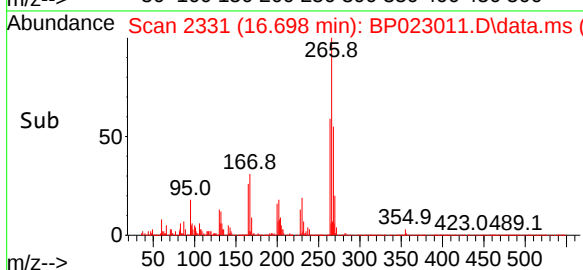
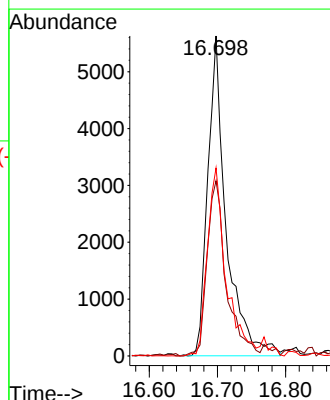
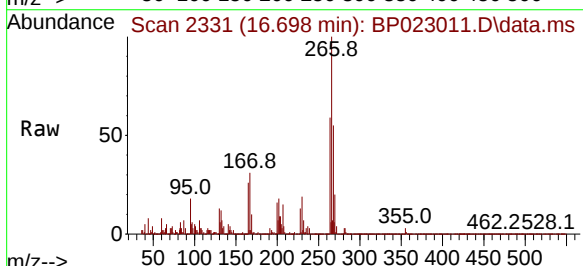
RT: 16.698 min Scan# 2331

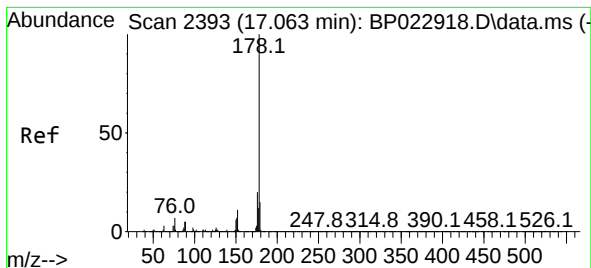
Delta R.T. 0.029 min

Lab File: BP023011.D

Acq: 11 Nov 2024 12:55

Tgt Ion	Ratio	Lower	Upper
266	100		
268	54.7	49.9	74.9
264	58.7	49.7	74.5





#71

Phenanthrene

Concen: 3.689 ng

RT: 17.068 min Scan# 2117

Delta R.T. 0.006 min

Lab File: BP023011.D

Acq: 11 Nov 2024 12:55

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT4-2024

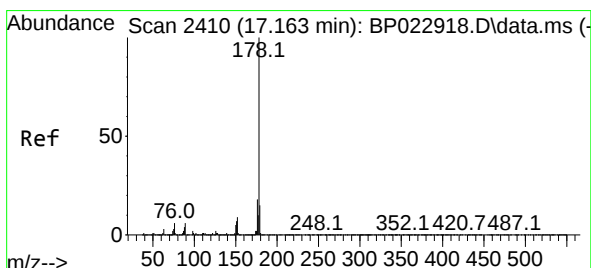
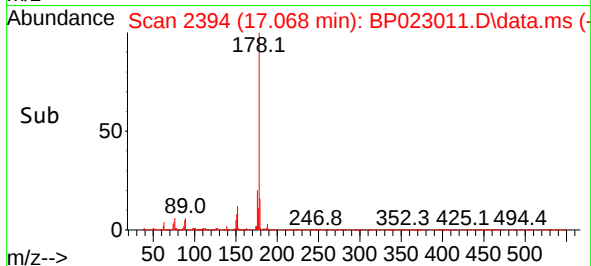
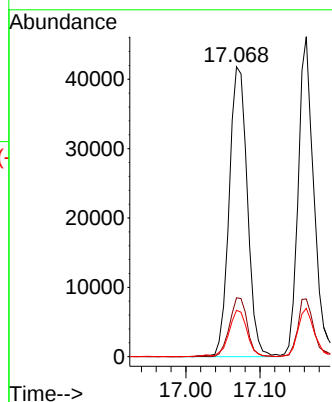
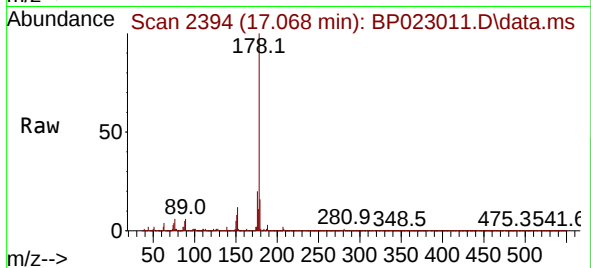
Tgt Ion:178	Resp:	71172
Ion Ratio	Lower	Upper
178	100	
176	20.3	15.6 23.4
179	16.0	12.0 18.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/12/2024

Supervised By :mohammad ahmed 11/12/2024



#72

Anthracene

Concen: 3.710 ng

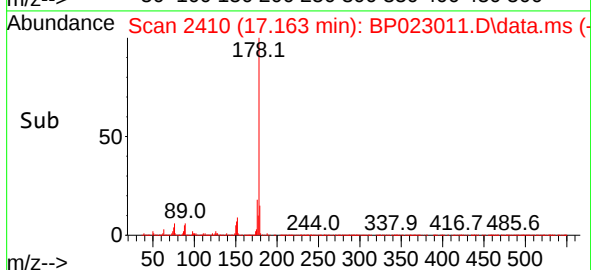
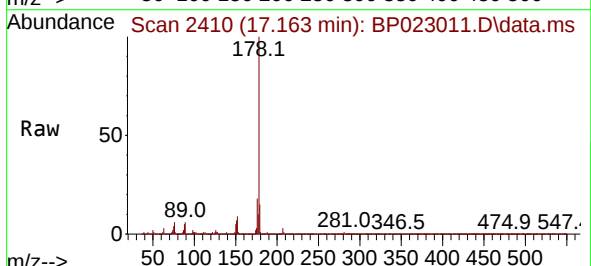
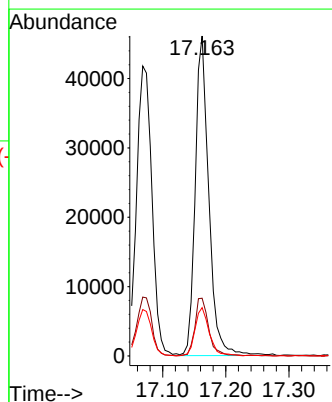
RT: 17.163 min Scan# 2410

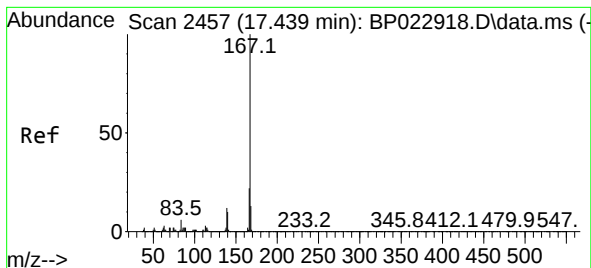
Delta R.T. -0.000 min

Lab File: BP023011.D

Acq: 11 Nov 2024 12:55

Tgt Ion:178	Resp:	68693
Ion Ratio	Lower	Upper
178	100	
176	18.1	14.6 22.0
179	15.1	12.3 18.5





#73

Carbazole

Concen: 3.355 ng

RT: 17.463 min Scan# 2457

Delta R.T. 0.023 min

Lab File: BP023011.D

Acq: 11 Nov 2024 12:55

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT4-2024

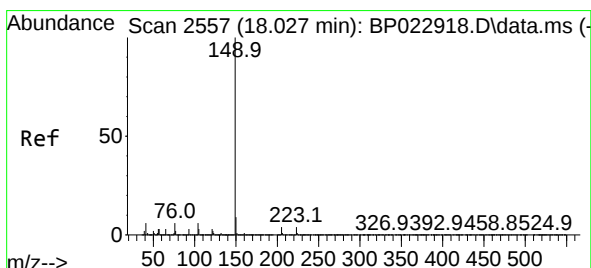
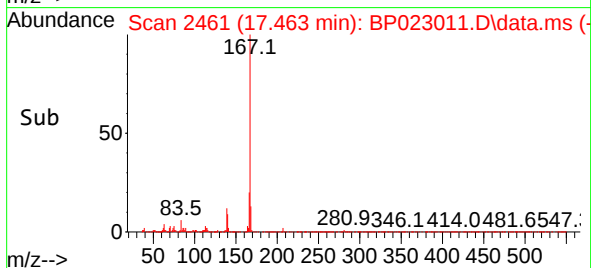
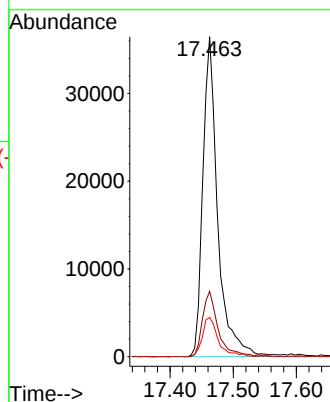
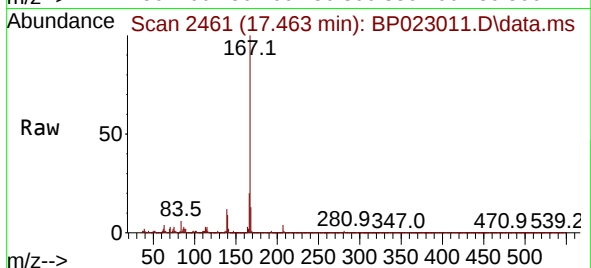
Tgt Ion:	167	Resp:	5932
Ion Ratio	Lower	Upper	
167	100		
166	20.4	17.4	26.2
139	12.2	10.0	15.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/12/2024

Supervised By :mohammad ahmed 11/12/2024



#74

Di-n-butylphthalate

Concen: 2.913 ng

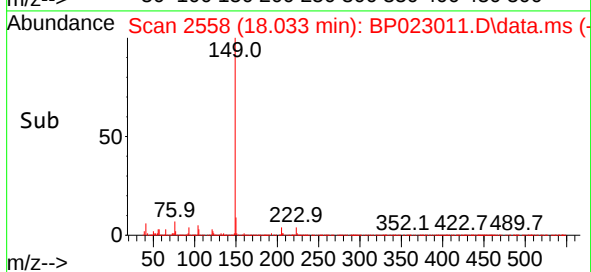
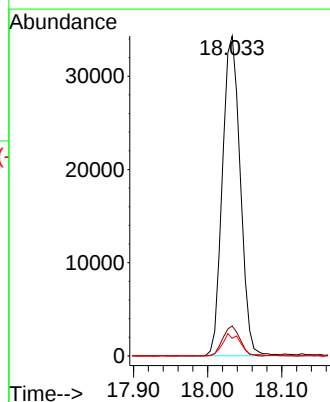
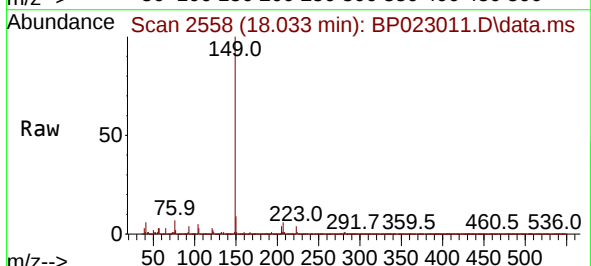
RT: 18.033 min Scan# 2558

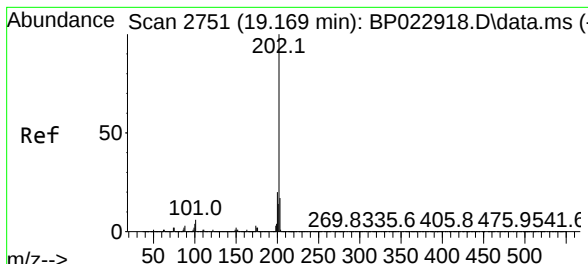
Delta R.T. 0.006 min

Lab File: BP023011.D

Acq: 11 Nov 2024 12:55

Tgt Ion:	149	Resp:	57417
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.2	10.8
104	5.5	4.8	7.2





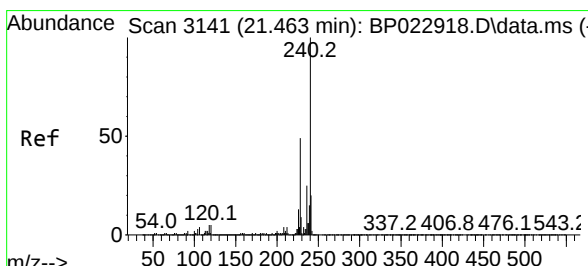
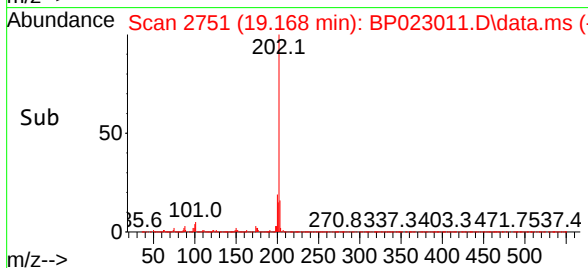
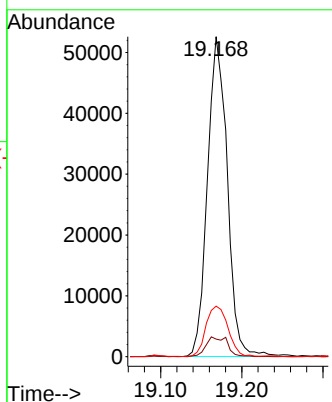
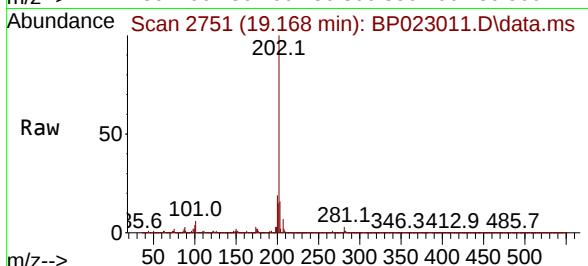
#75
 Fluoranthene
 Concen: 3.332 ng
 RT: 19.168 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BP023011.D
 Acq: 11 Nov 2024 12:55

Instrument : BNA_P
 ClientSampleId : MDL-WATER-03-QT4-2024

Tgt Ion:	202	Resp:	8917
Ion Ratio	Lower	Upper	
202	100		
101	5.5	0.0	25.5
203	15.8	0.0	37.2

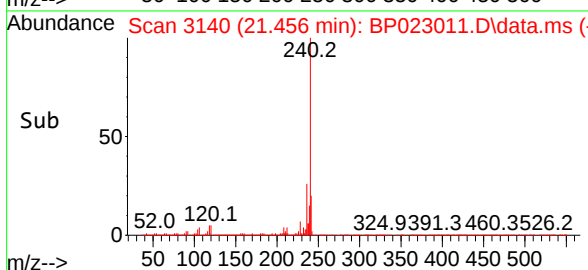
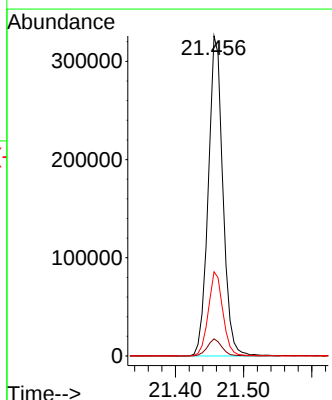
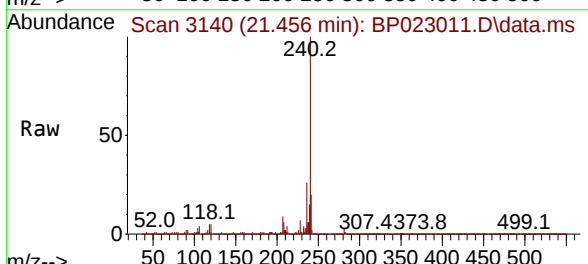
Manual Integrations
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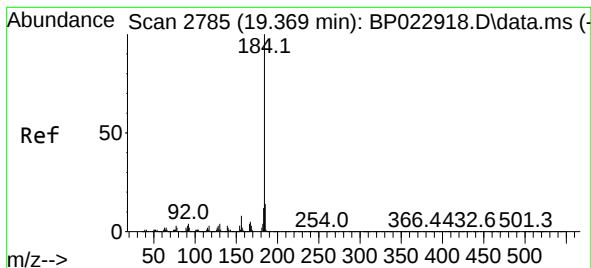
Reviewed By :Yogesh Patel 11/12/2024
 Supervised By :mohammad ahmed 11/12/2024



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.456 min Scan# 3140
 Delta R.T. -0.006 min
 Lab File: BP023011.D
 Acq: 11 Nov 2024 12:55

Tgt Ion:	240	Resp:	485625
Ion Ratio	Lower	Upper	
240	100		
120	5.4	4.2	6.2
236	26.3	20.4	30.6





#77

Benzidine

Concen: 3.977 ng m

RT: 19.368 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP023011.D

Acq: 11 Nov 2024 12:55

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT4-2024

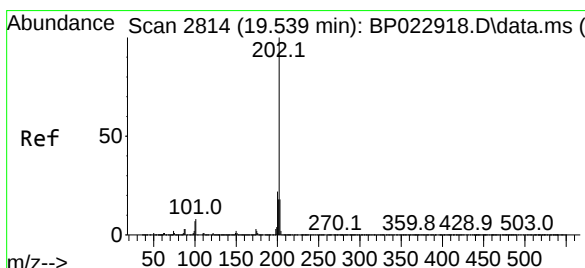
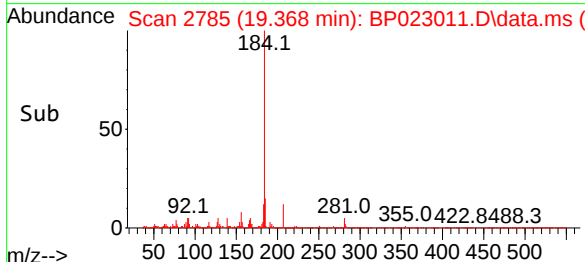
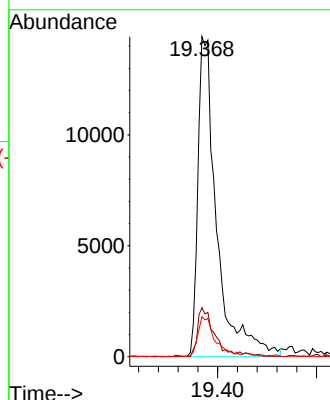
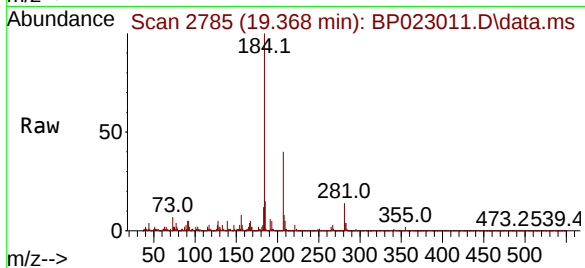
Tgt Ion:	184	Resp:	3815
Ion Ratio	Lower	Upper	
184	100		
185	15.3	11.3	16.9
183	12.5	9.7	14.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/12/2024

Supervised By :mohammad ahmed 11/12/2024



#78

Pyrene

Concen: 3.251 ng

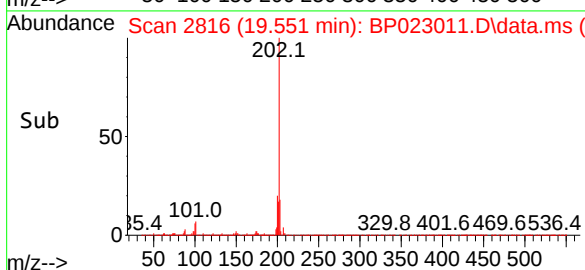
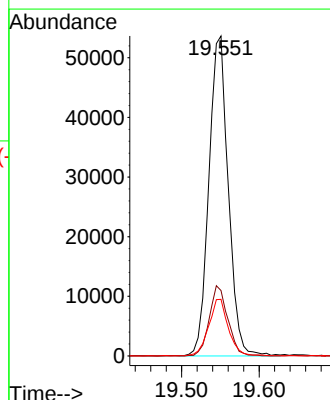
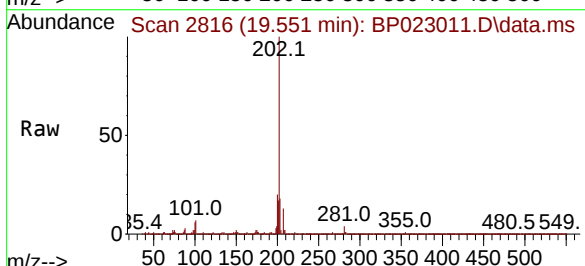
RT: 19.551 min Scan# 2816

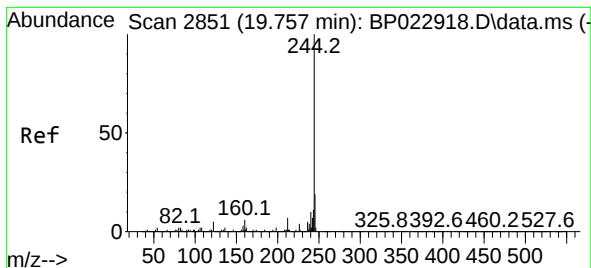
Delta R.T. 0.012 min

Lab File: BP023011.D

Acq: 11 Nov 2024 12:55

Tgt Ion:	202	Resp:	93462
Ion Ratio	Lower	Upper	
202	100		
200	20.4	17.4	26.0
203	17.7	14.2	21.2





#79

Terphenyl-d14

Concen: 78.480 ng

RT: 19.757 min Scan# 2851

Delta R.T. -0.000 min

Lab File: BP023011.D

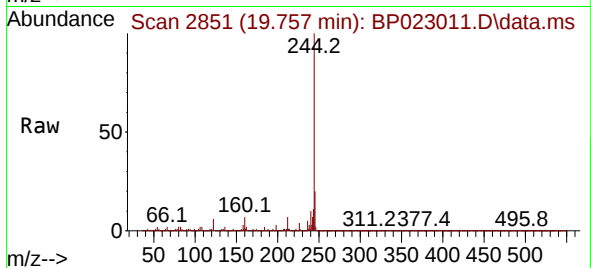
Acq: 11 Nov 2024 12:55

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT4-2024



Tgt Ion:244 Resp: 2029370

Ion Ratio Lower Upper

244 100

212 6.8 5.5 8.3

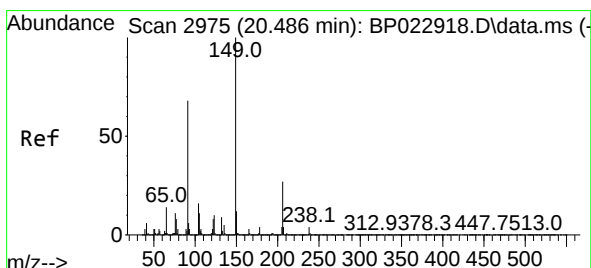
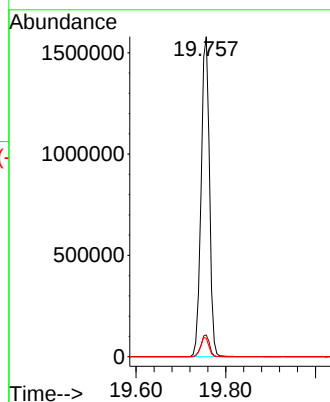
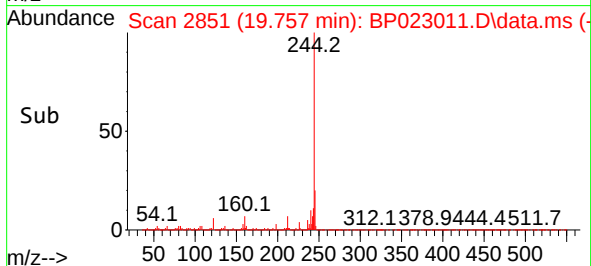
122 5.7 4.4 6.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/12/2024

Supervised By :mohammad ahmed 11/12/2024



#80

Butylbenzylphthalate

Concen: 2.756 ng

RT: 20.492 min Scan# 2976

Delta R.T. 0.006 min

Lab File: BP023011.D

Acq: 11 Nov 2024 12:55

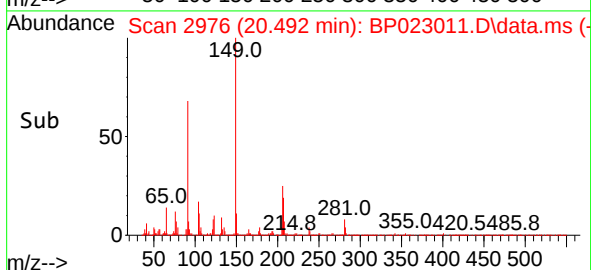
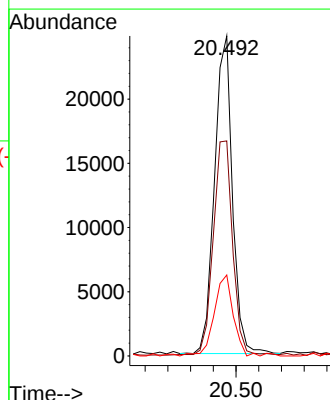
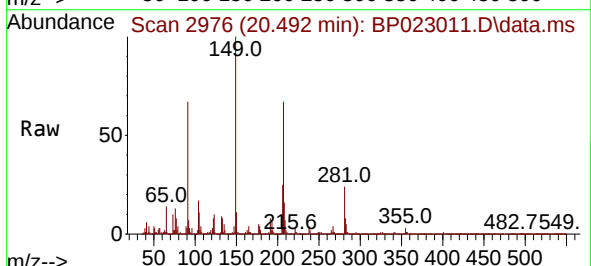
Tgt Ion:149 Resp: 27012

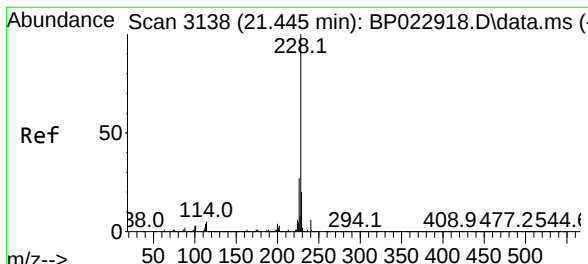
Ion Ratio Lower Upper

149 100

91 67.2 54.6 82.0

206 25.3 21.3 31.9



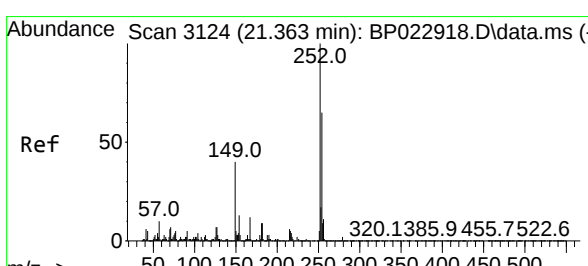
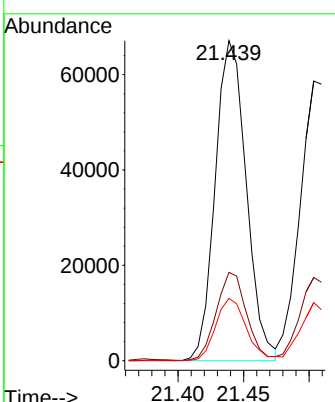
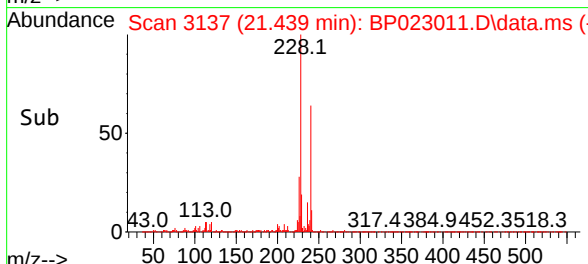
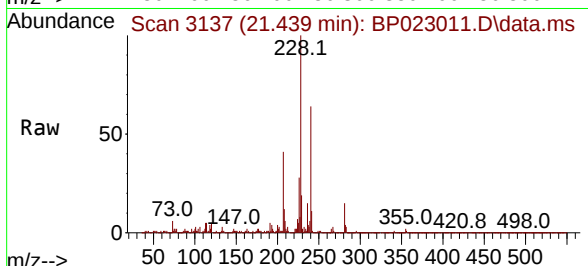


#81
 Benzo(a)anthracene
 Concen: 3.656 ng
 RT: 21.439 min Scan# 3138
 Delta R.T. -0.006 min
 Lab File: BP023011.D
 Acq: 11 Nov 2024 12:55

Instrument : BNA_P
 ClientSampleId : MDL-WATER-03-QT4-2024

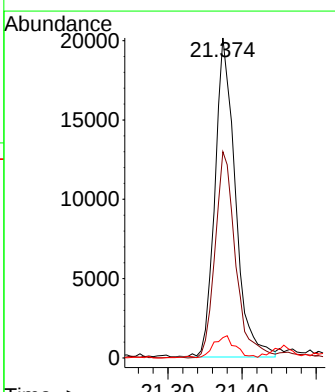
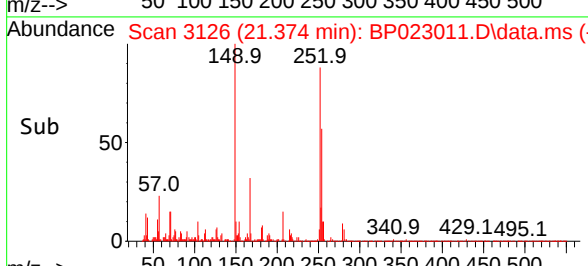
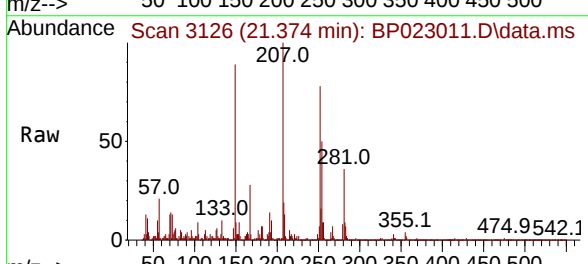
Tgt Ion:	228	Resp:	110490
Ion Ratio	Lower	Upper	
228	100		
226	27.6	21.8	32.6
229	19.4	16.0	24.0

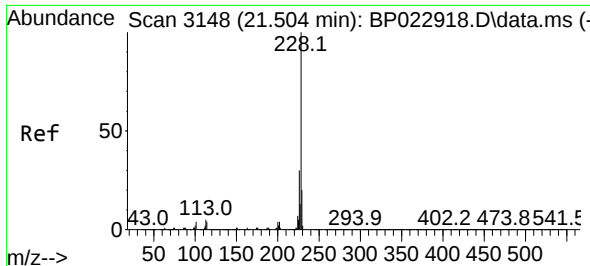
Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel 11/12/2024
 Supervised By :mohammad ahmed 11/12/2024



#82
 3,3'-Dichlorobenzidine
 Concen: 3.144 ng
 RT: 21.374 min Scan# 3126
 Delta R.T. 0.012 min
 Lab File: BP023011.D
 Acq: 11 Nov 2024 12:55

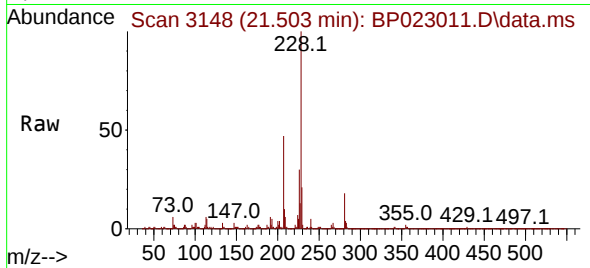
Tgt Ion:	252	Resp:	38464
Ion Ratio	Lower	Upper	
252	100		
254	64.5	51.7	77.5
126	6.3	5.4	8.0





#83
Chrysene
Concen: 3.748 ng
RT: 21.503 min Scan# 3148
Delta R.T. -0.000 min
Lab File: BP023011.D
Acq: 11 Nov 2024 12:55

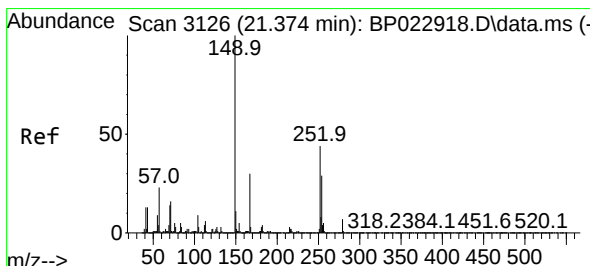
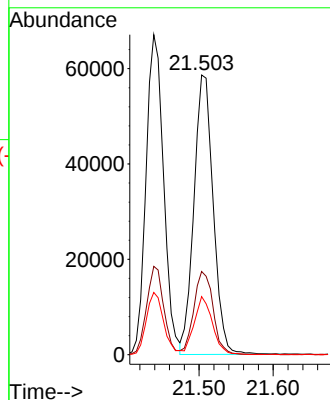
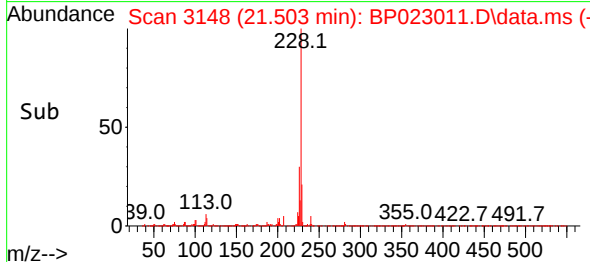
Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT4-2024



Tgt Ion:228 Resp: 106090
Ion Ratio Lower Upper
228 100
226 29.8 23.8 35.6
229 20.8 15.8 23.8

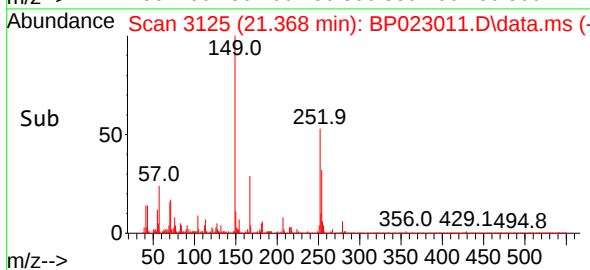
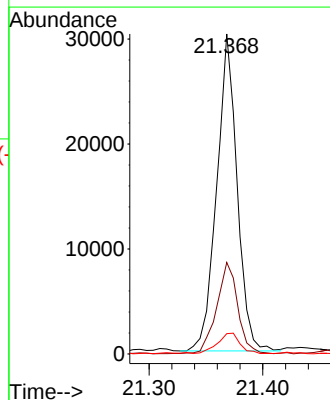
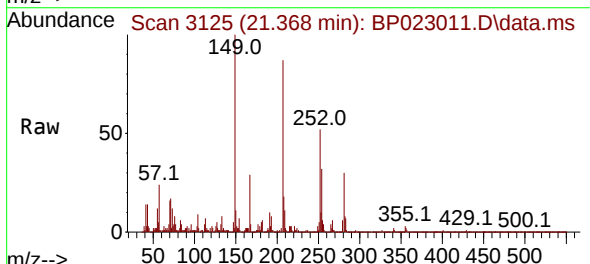
Manual Integrations
APPROVED

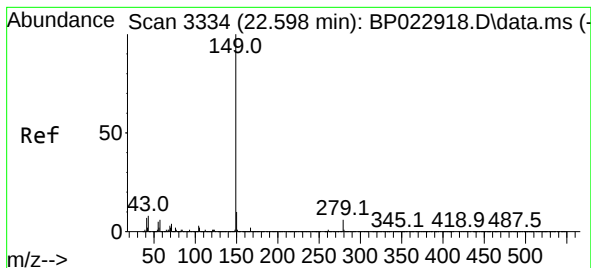
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/12/2024



#84
Bis(2-ethylhexyl)phthalate
Concen: 2.678 ng
RT: 21.368 min Scan# 3125
Delta R.T. -0.006 min
Lab File: BP023011.D
Acq: 11 Nov 2024 12:55

Tgt Ion:149 Resp: 37665
Ion Ratio Lower Upper
149 100
167 28.6 23.7 35.5
279 6.4 5.3 7.9





#85

Di-n-octyl phthalate

Concen: 2.824 ng

RT: 22.592 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP023011.D

Acq: 11 Nov 2024 12:55

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT4-2024

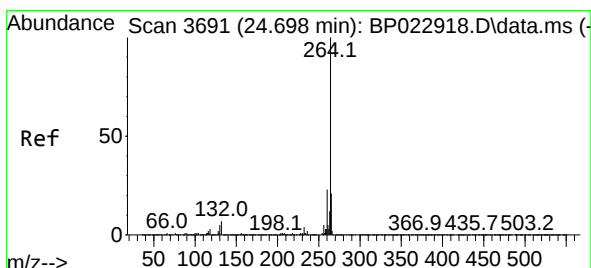
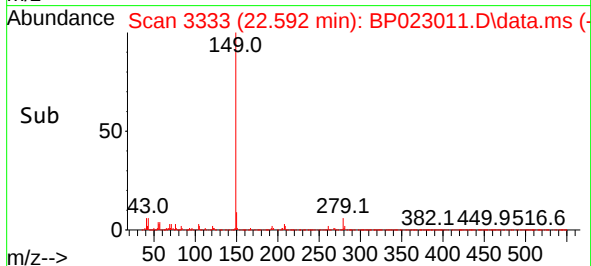
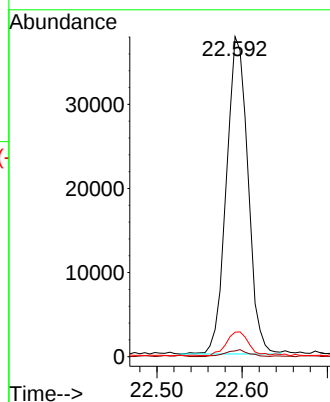
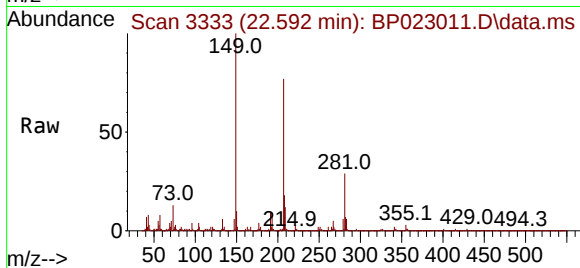
Tgt Ion:149	Resp:	6639
Ion Ratio	Lower	Upper
149	100	
167	2.3	1.4 2.0
43	7.7	6.3 9.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/12/2024

Supervised By :mohammad ahmed 11/12/2024



#86

Perylene-d12

Concen: 20.000 ng

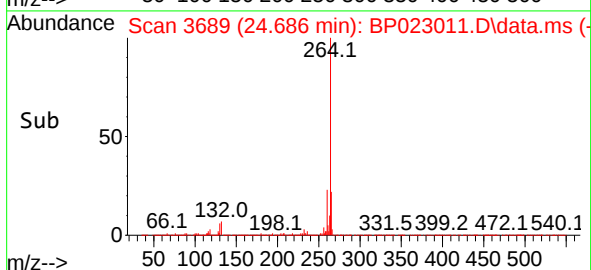
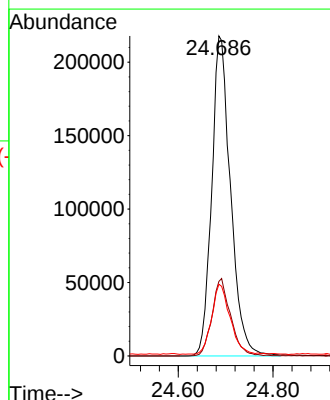
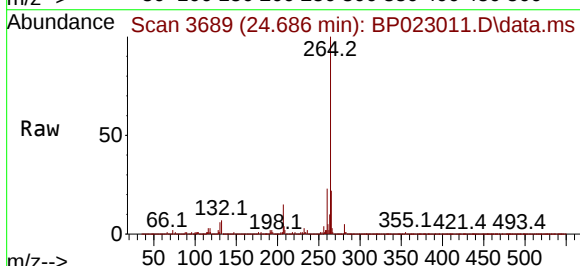
RT: 24.686 min Scan# 3689

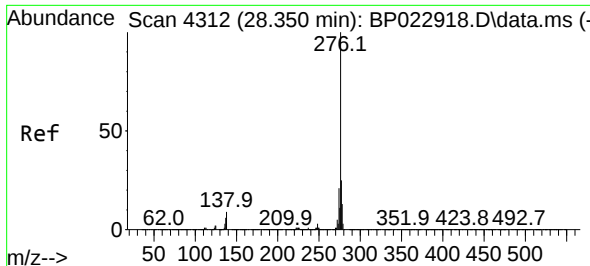
Delta R.T. -0.012 min

Lab File: BP023011.D

Acq: 11 Nov 2024 12:55

Tgt Ion:264	Resp:	601282
Ion Ratio	Lower	Upper
264	100	
260	23.3	18.6 28.0
265	22.4	17.4 26.2





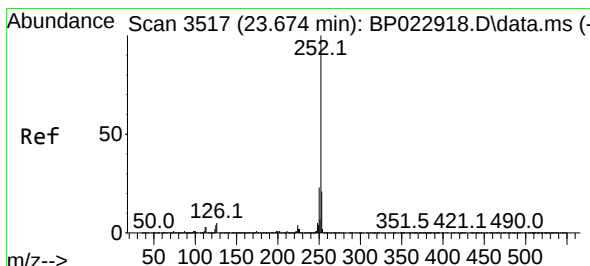
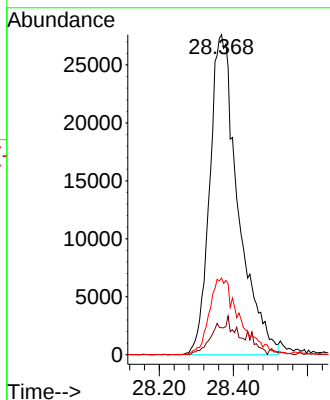
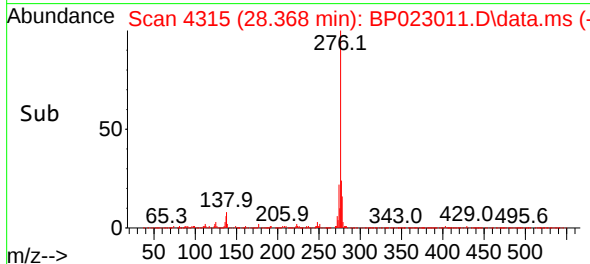
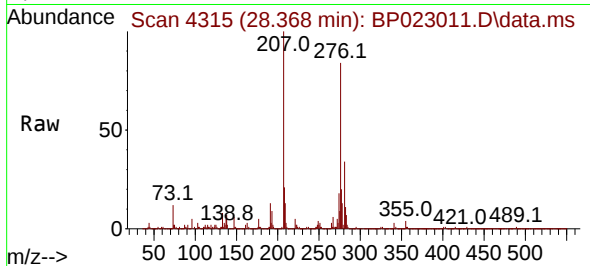
#87
Indeno(1,2,3-cd)pyrene
Concen: 3.625 ng
RT: 28.368 min Scan# 4312
Delta R.T. 0.017 min
Lab File: BP023011.D
Acq: 11 Nov 2024 12:55

Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT4-2024

Tgt Ion: 276 Resp: 147015
Ion Ratio Lower Upper
276 100
138 4.2 8.7 13.1
277 25.6 20.3 30.5

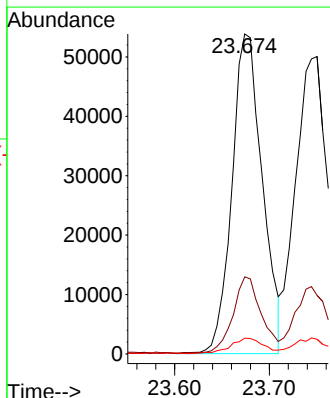
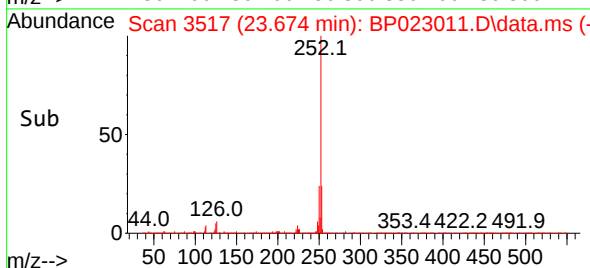
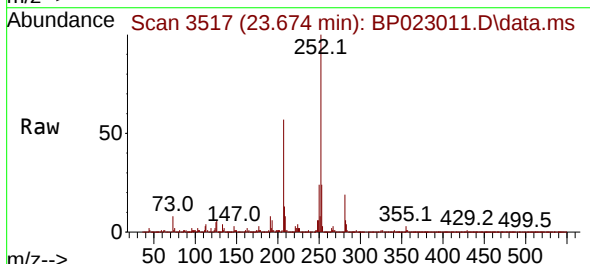
Manual Integrations
APPROVED

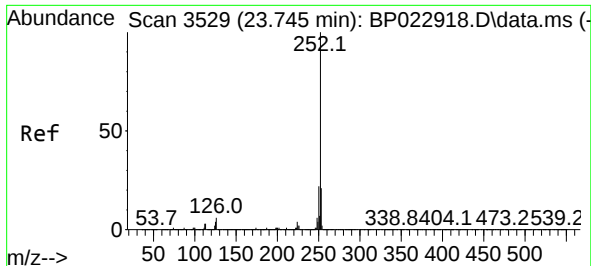
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/12/2024



#88
Benzo(b)fluoranthene
Concen: 3.396 ng
RT: 23.674 min Scan# 3517
Delta R.T. -0.000 min
Lab File: BP023011.D
Acq: 11 Nov 2024 12:55

Tgt Ion: 252 Resp: 119956
Ion Ratio Lower Upper
252 100
253 24.1 16.8 25.2
125 5.0 3.2 4.8





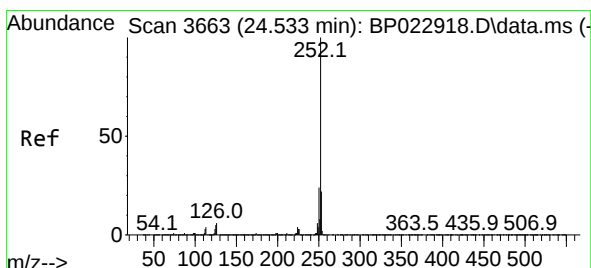
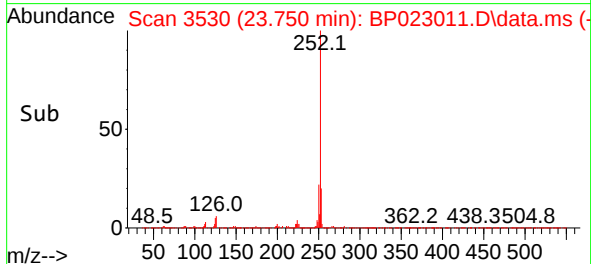
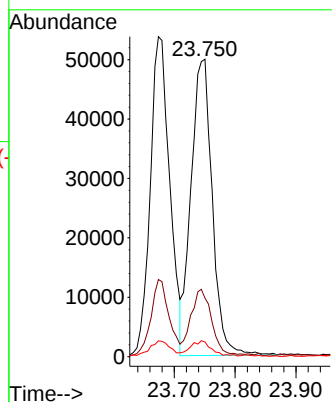
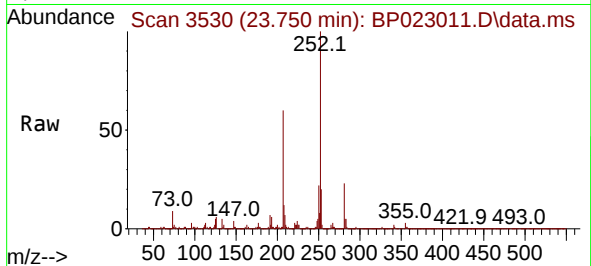
#89
Benzo(k)fluoranthene
Concen: 3.627 ng
RT: 23.750 min Scan# 3529
Delta R.T. 0.006 min
Lab File: BP023011.D
Acq: 11 Nov 2024 12:55

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2024

Tgt Ion:252 Resp: 120998
Ion Ratio Lower Upper
252 100
253 19.7 17.0 25.6
125 4.9 3.4 5.2

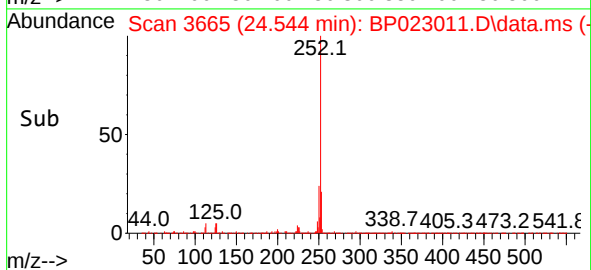
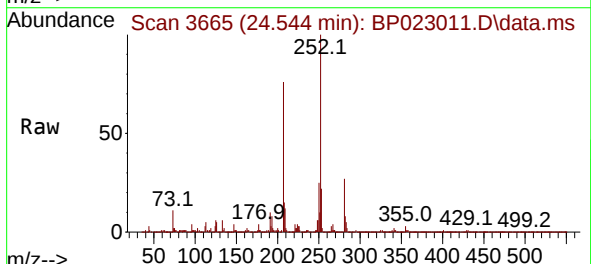
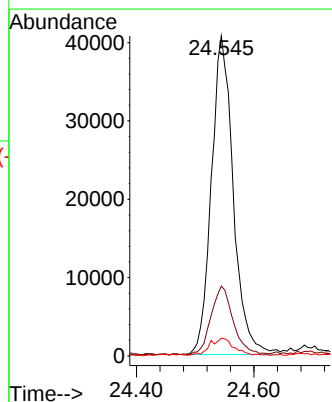
Manual Integrations
APPROVED

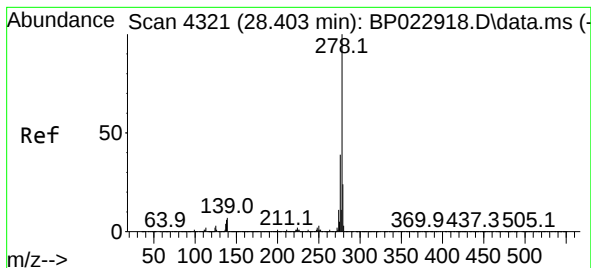
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/12/2024



#90
Benzo(a)pyrene
Concen: 3.475 ng
RT: 24.544 min Scan# 3665
Delta R.T. 0.012 min
Lab File: BP023011.D
Acq: 11 Nov 2024 12:55

Tgt Ion:252 Resp: 105045
Ion Ratio Lower Upper
252 100
253 21.8 17.7 26.5
125 5.6 4.0 6.0





#91

Dibenzo(a,h)anthracene

Concen: 3.763 ng

RT: 28.415 min Scan# 41

Delta R.T. 0.012 min

Lab File: BP023011.D

Acq: 11 Nov 2024 12:55

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT4-2024

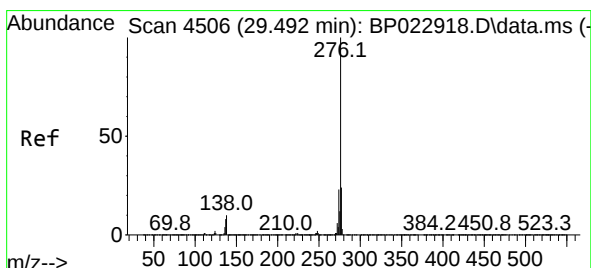
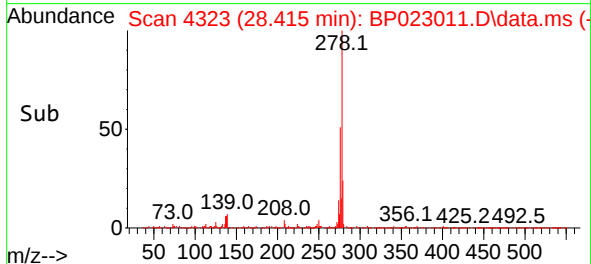
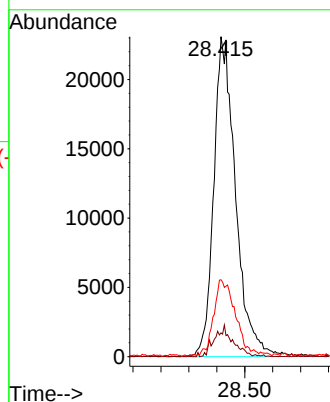
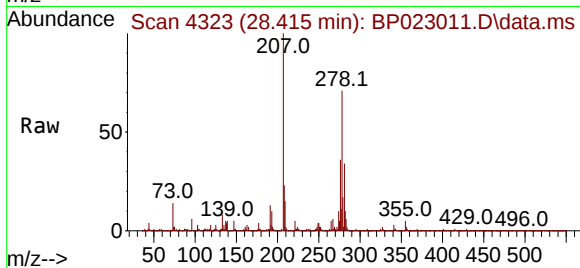
Tgt Ion:	278	Resp:	12515
Ion Ratio	Lower	Upper	
278	100		
139	7.4	5.4	8.2
279	24.1	19.3	28.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/12/2024

Supervised By :mohammad ahmed 11/12/2024



#92

Benzo(g,h,i)perylene

Concen: 3.372 ng

RT: 29.527 min Scan# 4512

Delta R.T. 0.035 min

Lab File: BP023011.D

Acq: 11 Nov 2024 12:55

Tgt Ion:	276	Resp:	114893
Ion Ratio	Lower	Upper	
276	100		
277	21.8	18.8	28.2
138	8.9	7.6	11.4

