

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111124\
 Data File : BP023012.D
 Acq On : 11 Nov 2024 13:36
 Operator : RC/JU
 Sample : P4368-09
 Misc : MDL-MDL-WATER 8 PPM
 ALS Vial : 7 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

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

Quant Time: Nov 11 14:38:24 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.593	152	55105	20.000	ng	0.00
21) Naphthalene-d8	10.340	136	205503	20.000	ng	0.00
39) Acenaphthene-d10	14.210	164	173650	20.000	ng	0.00
64) Phenanthrene-d10	17.016	188	457647	20.000	ng	0.00
76) Chrysene-d12	21.457	240	547682	20.000	ng	0.00
86) Perylene-d12	24.704	264	679415	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.228	112	332914	114.653	ng	0.00
7) Phenol-d6	6.787	99	478282	118.112	ng	0.00
23) Nitrobenzene-d5	8.728	82	392909	90.327	ng	-0.01
42) 2,4,6-Tribromophenol	15.728	330	454466	135.021	ng	-0.02
45) 2-Fluorobiphenyl	12.816	172	1072531	88.252	ng	0.00
79) Terphenyl-d14	19.763	244	2644265	90.673	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.175	88	10523	9.077	ng	96
3) Pyridine	3.587	79	23014m	7.230	ng	
4) n-Nitrosodimethylamine	3.493	42	13226m	8.619	ng	
6) Aniline	6.934	93	34401	10.191	ng	99
8) 2-Chlorophenol	7.163	128	24443	8.031	ng	95
9) Benzaldehyde	6.763	77	25035	10.697	ng	95
10) Phenol	6.811	94	33719	8.408	ng	86
11) bis(2-Chloroethyl)ether	7.028	93	25235	8.329	ng	97
12) 1,3-Dichlorobenzene	7.481	146	29095	7.491	ng	94
13) 1,4-Dichlorobenzene	7.622	146	30160	7.604	ng	96
14) 1,2-Dichlorobenzene	7.934	146	29836	7.780	ng	94
15) Benzyl Alcohol	7.846	79	22061	7.193	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.099	45	29819	9.071	ng	98
17) 2-Methylphenol	8.046	107	21797	8.007	ng	92
18) Hexachloroethane	8.640	117	11905	8.113	ng	91
19) n-Nitroso-di-n-propyla...	8.381	70	23105	8.336	ng	# 92
20) 3+4-Methylphenols	8.375	107	29315	7.705	ng	98
22) Acetophenone	8.405	105	47131	8.616	ng	# 90
24) Nitrobenzene	8.775	77	37786	8.552	ng	96
25) Isophorone	9.293	82	62677	8.513	ng	100
26) 2-Nitrophenol	9.481	139	13365	7.366	ng	93
27) 2,4-Dimethylphenol	9.552	122	15762	7.608	ng	89
28) bis(2-Chloroethoxy)met...	9.763	93	35194	8.416	ng	# 98
29) 2,4-Dichlorophenol	10.034	162	27243	7.596	ng	97
30) 1,2,4-Trichlorobenzene	10.210	180	37312	8.138	ng	94
31) Naphthalene	10.387	128	84445	8.201	ng	99
32) Benzoic acid	9.669	122	16100m	6.471	ng	
33) 4-Chloroaniline	10.522	127	31953	8.718	ng	96
34) Hexachlorobutadiene	10.663	225	26131	7.771	ng	99
35) Caprolactam	11.304	113	8131m	7.573	ng	
36) 4-Chloro-3-methylphenol	11.651	107	31054	7.766	ng	97
37) 2-Methylnaphthalene	12.004	142	64068	8.308	ng	96
38) 1-Methylnaphthalene	12.222	142	60894	7.956	ng	97
40) 1,2,4,5-Tetrachloroben...	12.381	216	49127	8.357	ng	99
41) Hexachlorocyclopentadiene	12.346	237	12894	7.810	ng	98
43) 2,4,6-Trichlorophenol	12.640	196	29206	7.811	ng	98

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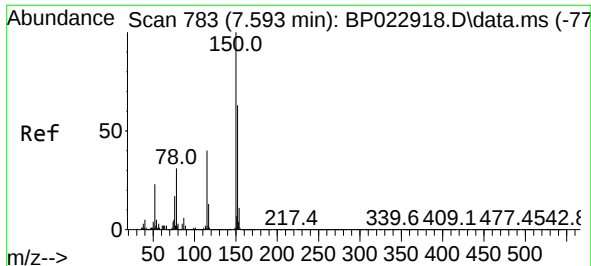
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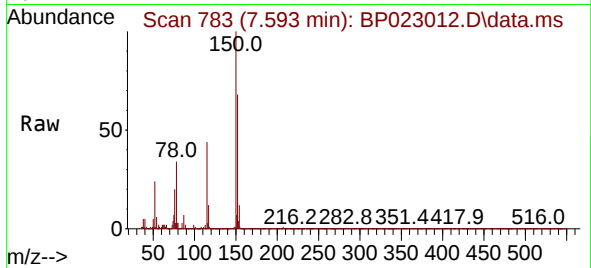
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.728	196	30316	7.123	ng	96
46) 1,1'-Biphenyl	13.022	154	99723	8.639	ng	99
47) 2-Chloronaphthalene	13.069	162	77960	8.138	ng	95
48) 2-Nitroaniline	13.298	65	20900	7.488	ng	95
49) Acenaphthylene	13.934	152	116893	8.737	ng	98
50) Dimethylphthalate	13.657	163	106210	8.354	ng	99
51) 2,6-Dinitrotoluene	13.793	165	21672	7.497	ng	# 86
52) Acenaphthene	14.275	154	67791	7.880	ng	99
53) 3-Nitroaniline	14.151	138	17201	7.323	ng	93
54) 2,4-Dinitrophenol	14.369	184	10441	5.820	ng	97
55) Dibenzofuran	14.622	168	129892	8.598	ng	99
56) 4-Nitrophenol	14.522	139	10256m	5.309	ng	
57) 2,4-Dinitrotoluene	14.616	165	31123	7.447	ng	95
58) Fluorene	15.287	166	103659	8.258	ng	97
59) 2,3,4,6-Tetrachlorophenol	14.869	232	33791	8.232	ng	99
60) Diethylphthalate	15.045	149	106042	8.386	ng	98
61) 4-Chlorophenyl-phenyle...	15.275	204	61301	8.286	ng	93
62) 4-Nitroaniline	15.334	138	16311	6.768	ng	92
63) Azobenzene	15.569	77	96770	8.900	ng	95
65) 4,6-Dinitro-2-methylph...	15.392	198	19136	6.873	ng	97
66) n-Nitrosodiphenylamine	15.492	169	91986	8.130	ng	98
67) 4-Bromophenyl-phenylether	16.181	248	43246	7.879	ng	92
68) Hexachlorobenzene	16.304	284	55364	7.875	ng	94
69) Atrazine	16.469	200	39966	10.480	ng	96
70) Pentachlorophenol	16.681	266	28965	6.451	ng	90
71) Phenanthrene	17.063	178	183665	8.293	ng	99
72) Anthracene	17.157	178	181219	8.526	ng	99
73) Carbazole	17.451	167	163133	8.036	ng	100
74) Di-n-butylphthalate	18.022	149	173388	7.664	ng	99
75) Fluoranthene	19.163	202	240240	7.819	ng	98
77) Benzidine	19.369	184	102554	9.477	ng	98
78) Pyrene	19.539	202	256167	7.902	ng	98
80) Butylbenzylphthalate	20.492	149	80399	7.274	ng	94
81) Benzo(a)anthracene	21.439	228	284624	8.351	ng	99
82) 3,3'-Dichlorobenzidine	21.369	252	107069	7.761	ng	98
83) Chrysene	21.510	228	276093	8.649	ng	99
84) Bis(2-ethylhexyl)phtha...	21.369	149	121287	7.646	ng	98
85) Di-n-octyl phthalate	22.604	149	203201	7.665	ng	99
87) Indeno(1,2,3-cd)pyrene	28.380	276	386990	8.445	ng	# 95
88) Benzo(b)fluoranthene	23.680	252	322196	8.072	ng	95
89) Benzo(k)fluoranthene	23.751	252	315734m	8.377	ng	
90) Benzo(a)pyrene	24.557	252	289834	8.486	ng	100
91) Dibenzo(a,h)anthracene	28.433	278	319553	8.504	ng	97
92) Benzo(g,h,i)perylene	29.515	276	295621	7.677	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.593 min Scan# 71
Delta R.T. -0.000 min
Lab File: BP023012.D
Acq: 11 Nov 2024 13:36

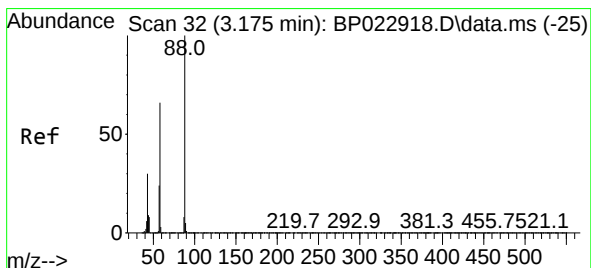
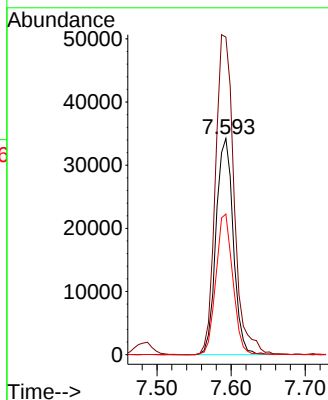
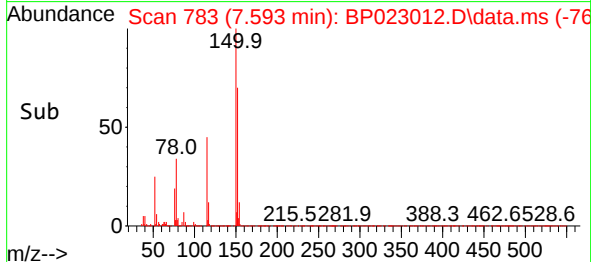
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion:152 Resp: 5510
Ion Ratio Lower Upper
152 100
150 146.9 127.0 190.4
115 65.1 50.5 75.7

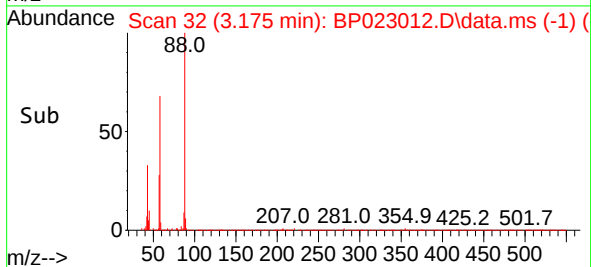
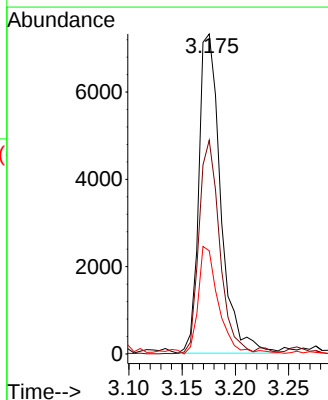
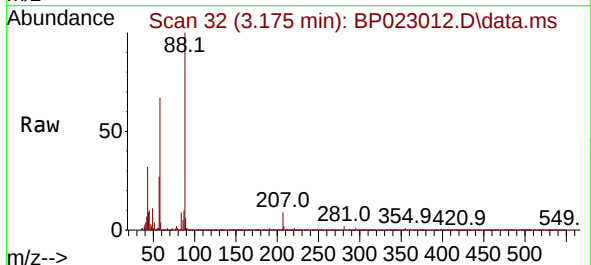
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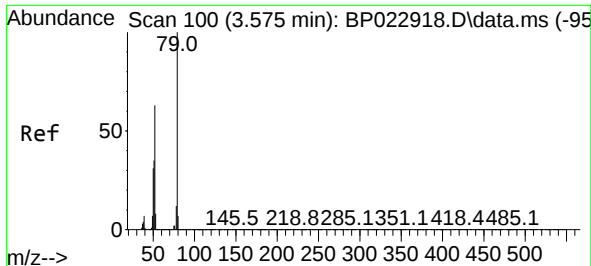
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/12/2024



#2
1,4-Dioxane
Concen: 9.077 ng
RT: 3.175 min Scan# 32
Delta R.T. 0.000 min
Lab File: BP023012.D
Acq: 11 Nov 2024 13:36

Tgt Ion: 88 Resp: 10523
Ion Ratio Lower Upper
88 100
58 63.2 52.8 79.2
43 31.3 23.4 35.0





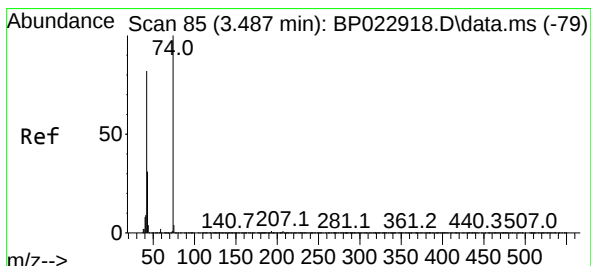
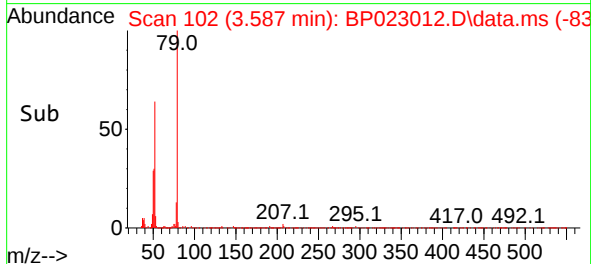
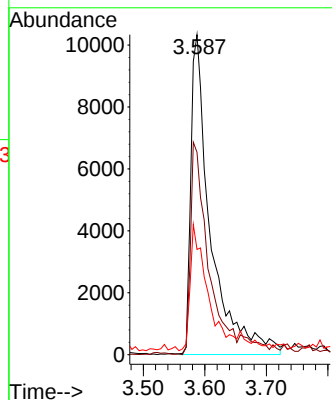
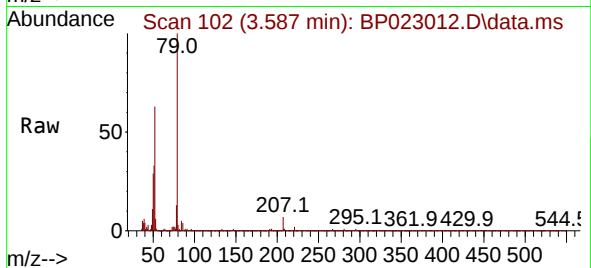
#3
Pyridine
Concen: 7.230 ng m
RT: 3.587 min Scan# 100
Delta R.T. 0.012 min
Lab File: BP023012.D
Acq: 11 Nov 2024 13:36

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

Tgt Ion: 79 Resp: 23014
Ion Ratio Lower Upper
79 100
52 63.3 50.4 75.6
51 32.9 28.6 43.0

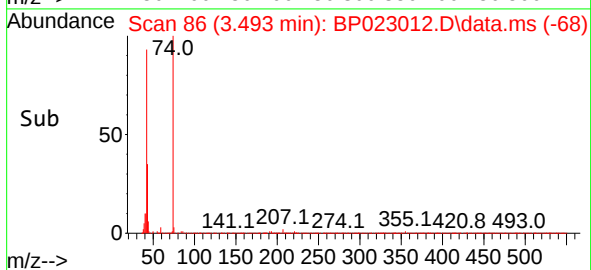
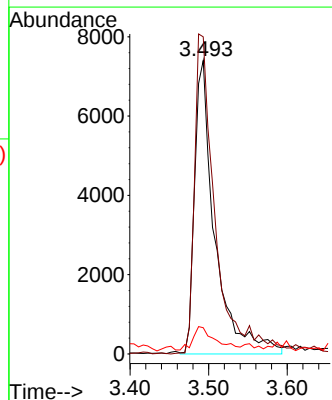
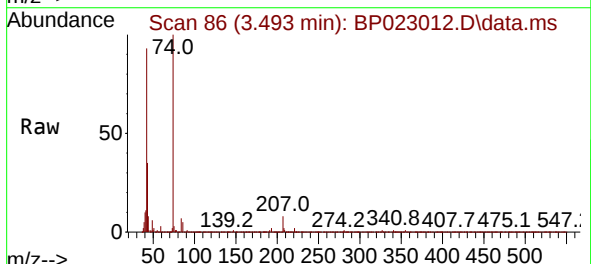
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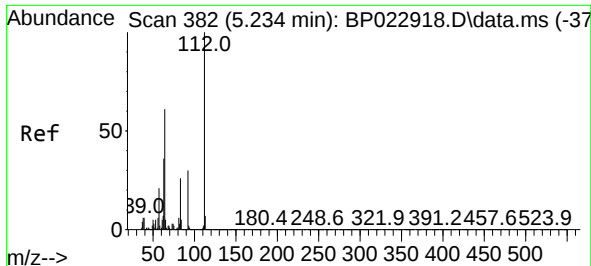
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/12/2024



#4
n-Nitrosodimethylamine
Concen: 8.619 ng m
RT: 3.493 min Scan# 86
Delta R.T. 0.006 min
Lab File: BP023012.D
Acq: 11 Nov 2024 13:36

Tgt Ion: 42 Resp: 13226
Ion Ratio Lower Upper
42 100
74 108.1 97.7 146.5
44 8.9 4.5 6.7





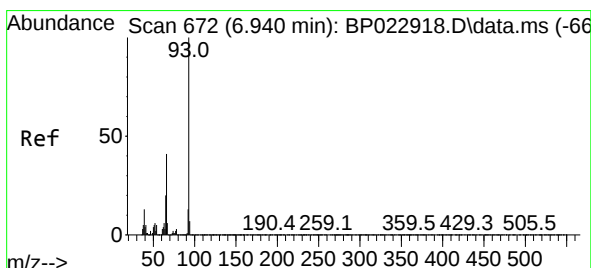
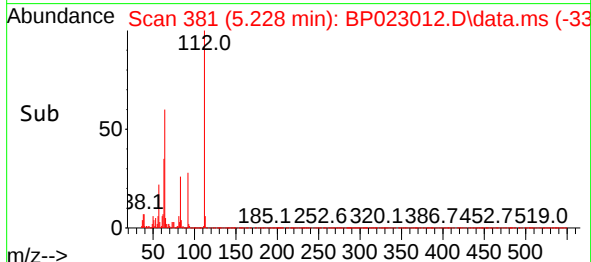
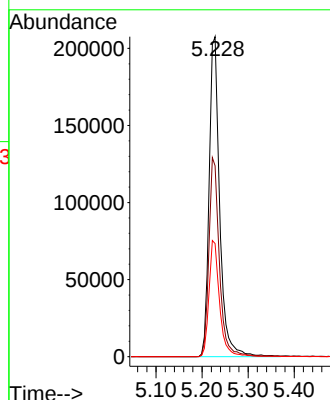
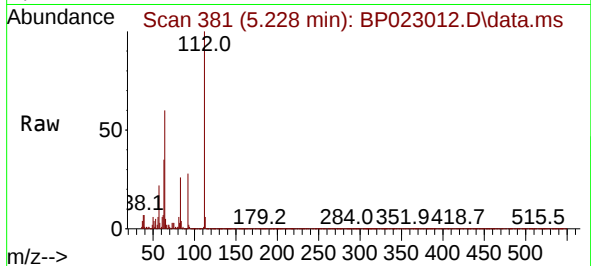
#5
2-Fluorophenol
Concen: 114.653 ng
RT: 5.228 min Scan# 381
Delta R.T. -0.006 min
Lab File: BP023012.D
Acq: 11 Nov 2024 13:36

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

Tgt Ion:112 Resp: 332914
Ion Ratio Lower Upper
112 100
64 59.7 48.7 73.1
63 35.3 29.0 43.4

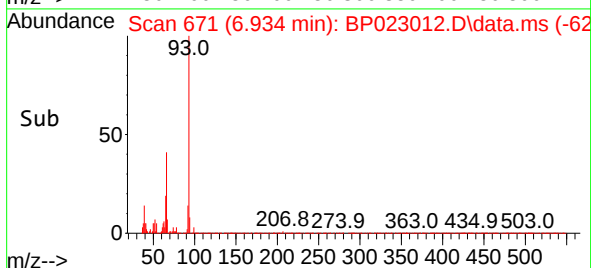
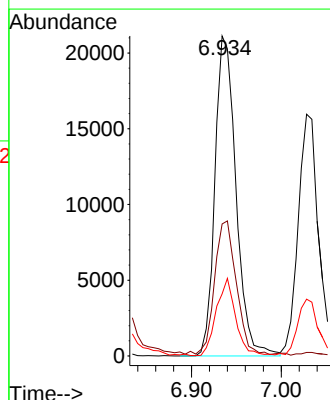
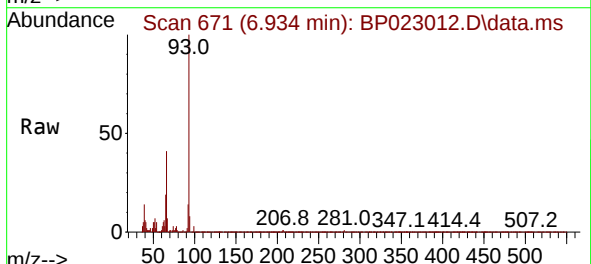
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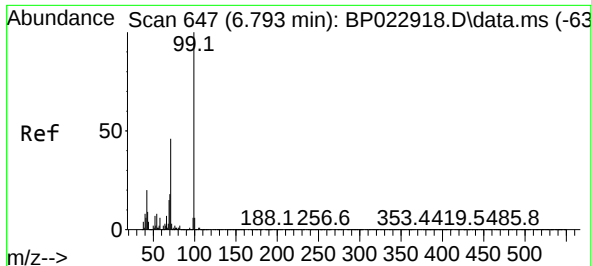
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/12/2024



#6
Aniline
Concen: 10.191 ng
RT: 6.934 min Scan# 671
Delta R.T. -0.006 min
Lab File: BP023012.D
Acq: 11 Nov 2024 13:36

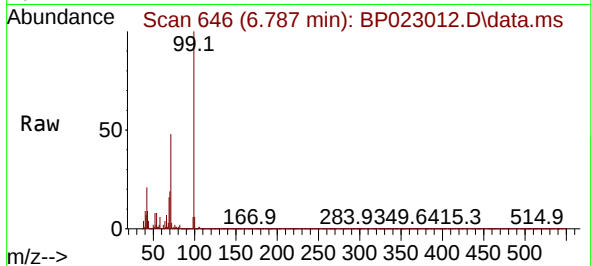
Tgt Ion: 93 Resp: 34401
Ion Ratio Lower Upper
93 100
66 41.2 32.9 49.3
65 19.4 16.0 24.0





#7
Phenol-d6
Concen: 118.112 ng
RT: 6.787 min Scan# 647
Delta R.T. -0.006 min
Lab File: BP023012.D
Acq: 11 Nov 2024 13:36

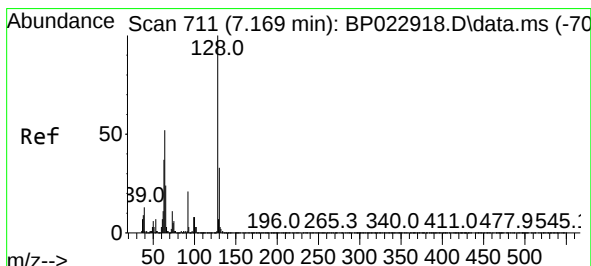
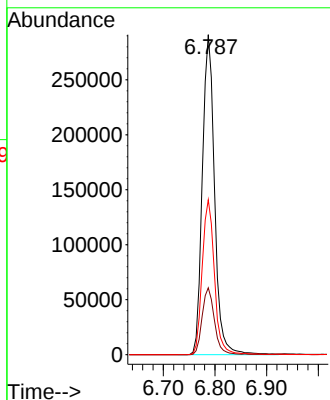
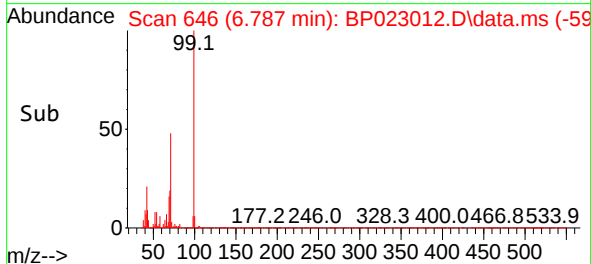
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion: 99 Resp: 47828
Ion Ratio Lower Upper
99 100
42 20.9 15.8 23.6
71 48.4 36.6 55.0

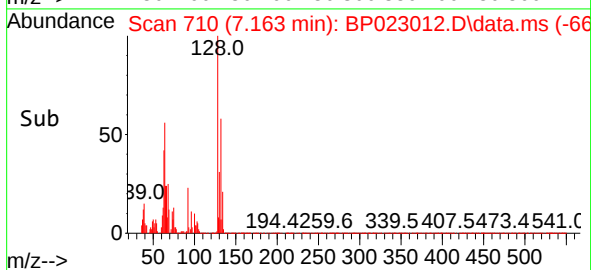
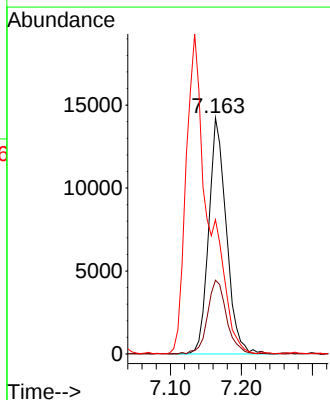
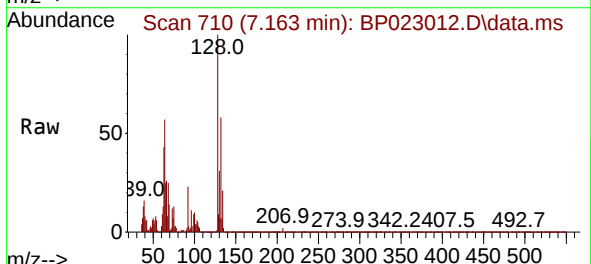
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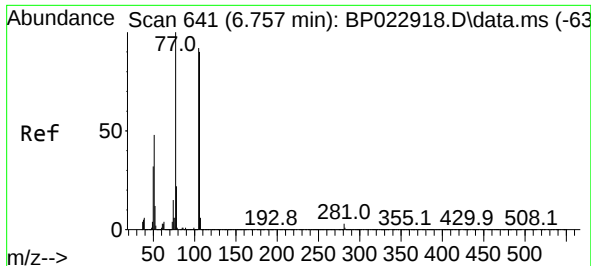
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/12/2024



#8
2-Chlorophenol
Concen: 8.031 ng
RT: 7.163 min Scan# 710
Delta R.T. -0.006 min
Lab File: BP023012.D
Acq: 11 Nov 2024 13:36

Tgt Ion:128 Resp: 24443
Ion Ratio Lower Upper
128 100
130 31.2 12.6 52.6
64 56.9 32.7 72.7





#9

Benzaldehyde

Concen: 10.697 ng

RT: 6.763 min Scan# 641

Delta R.T. 0.006 min

Lab File: BP023012.D

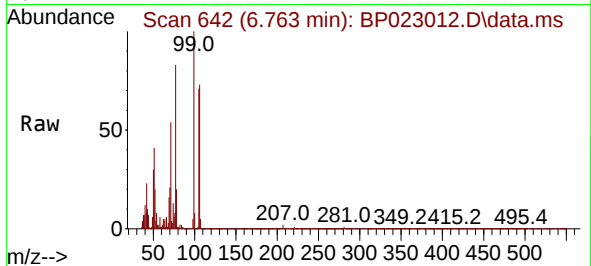
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Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT4-2024



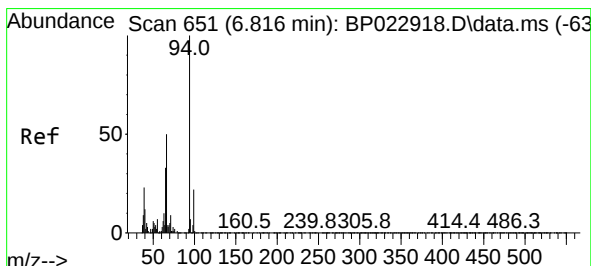
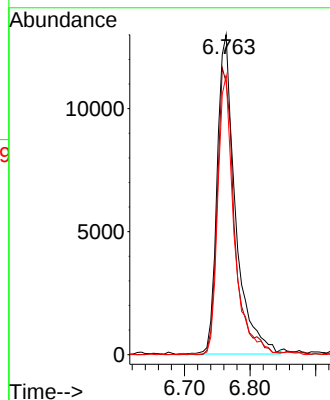
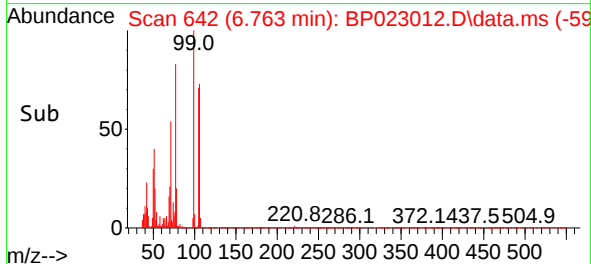
Tgt Ion: 77	Resp: 2503
Ion Ratio	Lower Upper
77 100	
105 85.1	71.4 111.4
106 87.2	69.9 109.9

Manual Integrations

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#10

Phenol

Concen: 8.408 ng

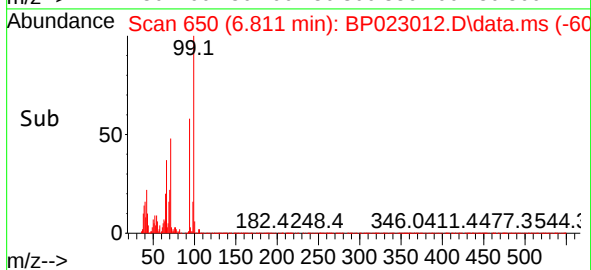
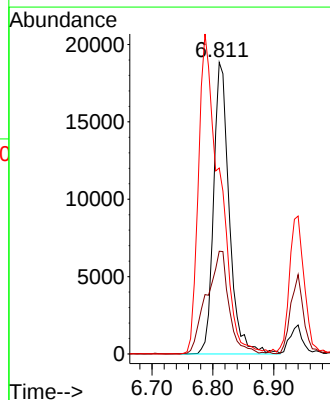
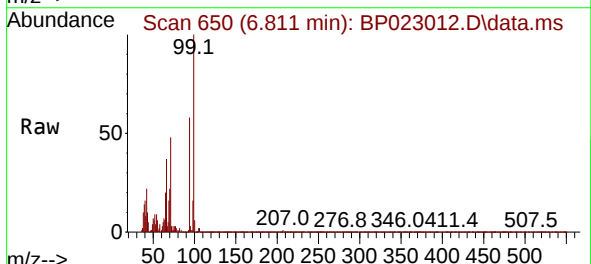
RT: 6.811 min Scan# 650

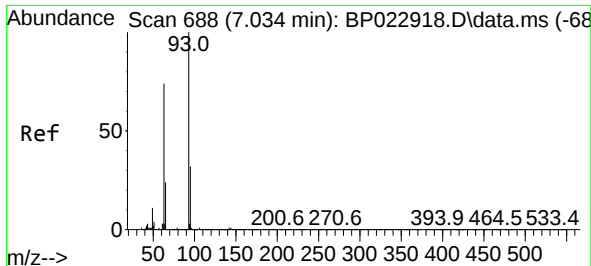
Delta R.T. -0.006 min

Lab File: BP023012.D

Acq: 11 Nov 2024 13:36

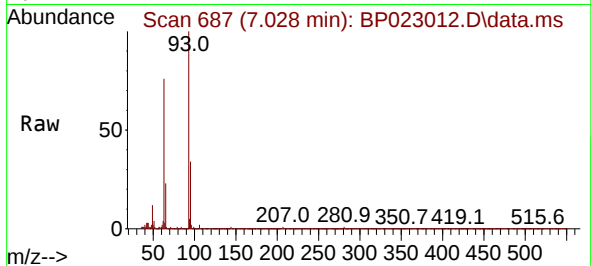
Tgt Ion: 94	Resp: 33719
Ion Ratio	Lower Upper
94 100	
65 35.2	12.9 52.9
66 63.8	30.0 70.0





#11
bis(2-Chloroethyl)ether
Concen: 8.329 ng
RT: 7.028 min Scan# 688
Delta R.T. -0.006 min
Lab File: BP023012.D
Acq: 11 Nov 2024 13:36

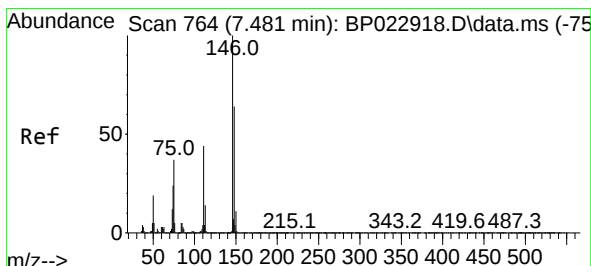
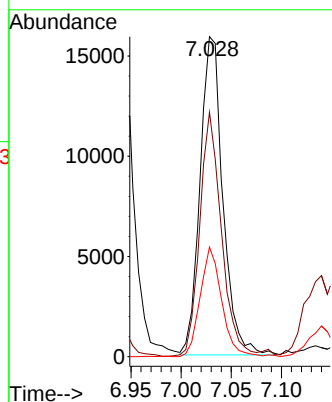
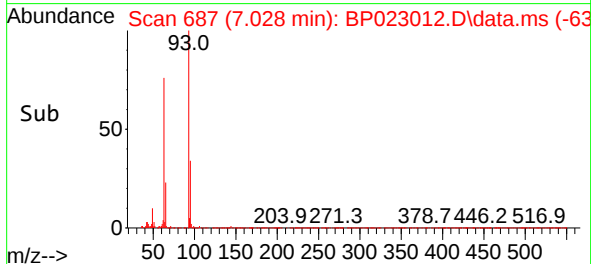
Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT4-2024



Tgt Ion: 93 Resp: 2523
Ion Ratio Lower Upper
93 100
63 76.4 53.6 93.6
95 34.2 12.1 52.1

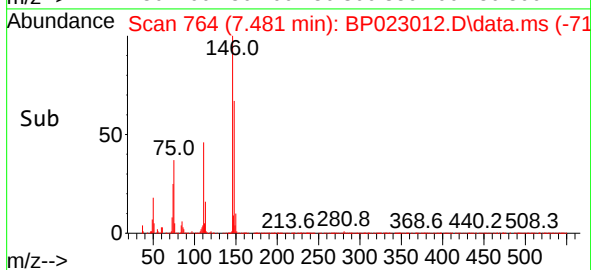
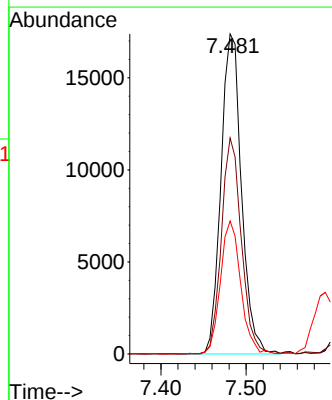
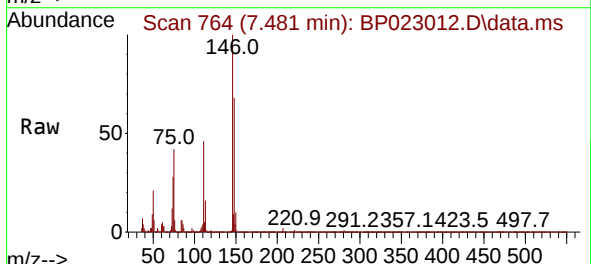
Manual Integrations
APPROVED

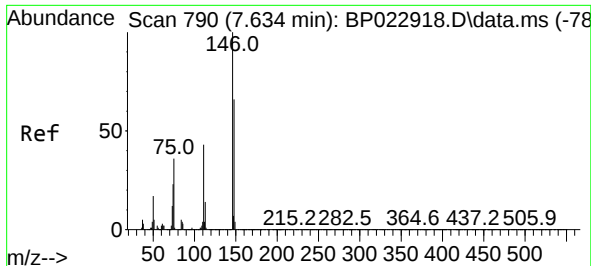
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/12/2024



#12
1,3-Dichlorobenzene
Concen: 7.491 ng
RT: 7.481 min Scan# 764
Delta R.T. 0.000 min
Lab File: BP023012.D
Acq: 11 Nov 2024 13:36

Tgt Ion:146 Resp: 29095
Ion Ratio Lower Upper
146 100
148 67.5 51.4 77.0
75 41.6 29.3 43.9





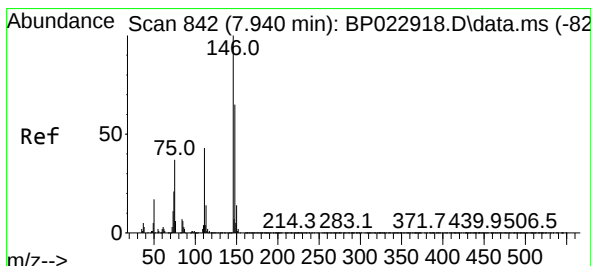
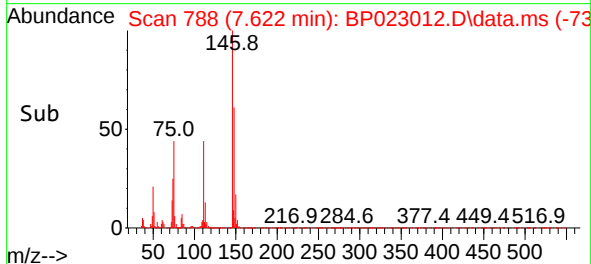
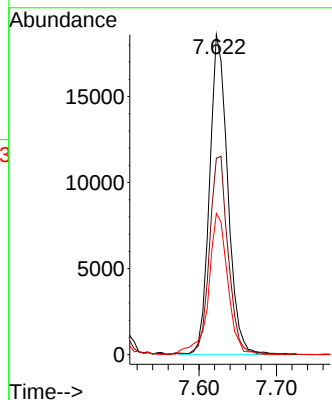
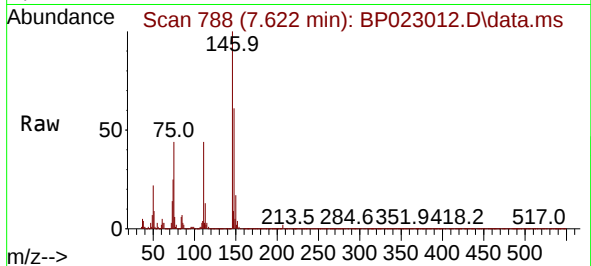
#13
1,4-Dichlorobenzene
Concen: 7.604 ng
RT: 7.622 min Scan# 790
Delta R.T. -0.012 min
Lab File: BP023012.D
Acq: 11 Nov 2024 13:36

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

Tgt Ion:146 Resp: 30160
Ion Ratio Lower Upper
146 100
148 61.4 53.2 79.8
111 44.1 35.0 52.4

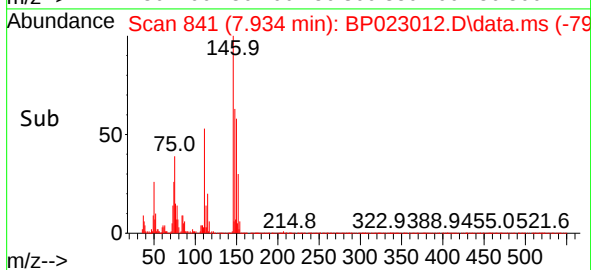
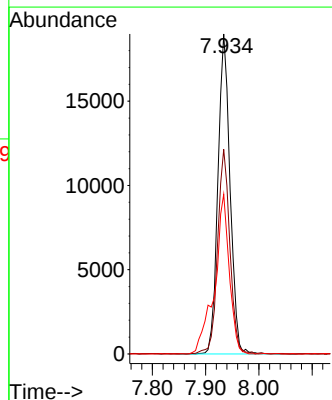
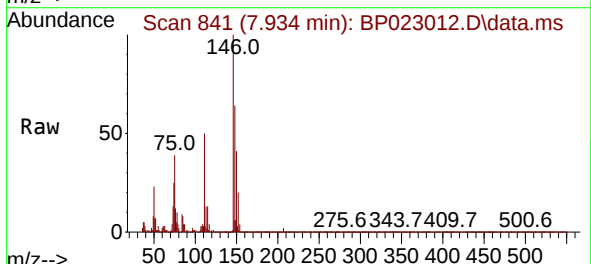
Manual Integrations
APPROVED

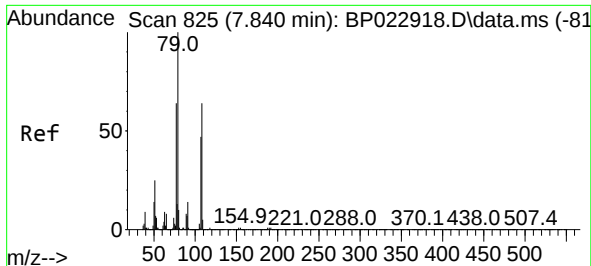
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/12/2024



#14
1,2-Dichlorobenzene
Concen: 7.780 ng
RT: 7.934 min Scan# 841
Delta R.T. -0.006 min
Lab File: BP023012.D
Acq: 11 Nov 2024 13:36

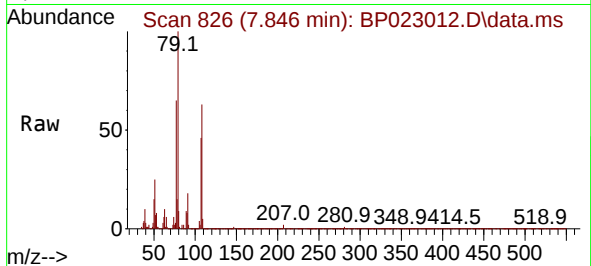
Tgt Ion:146 Resp: 29836
Ion Ratio Lower Upper
146 100
148 63.9 52.4 78.6
111 49.9 34.2 51.4





#15
Benzyl Alcohol
Concen: 7.193 ng
RT: 7.846 min Scan# 81
Delta R.T. 0.006 min
Lab File: BP023012.D
Acq: 11 Nov 2024 13:36

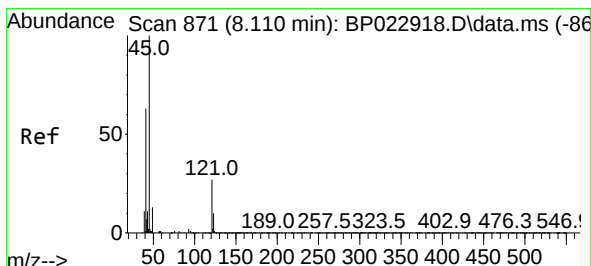
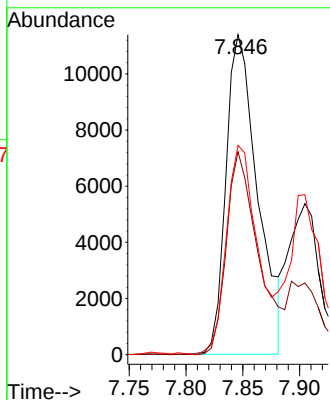
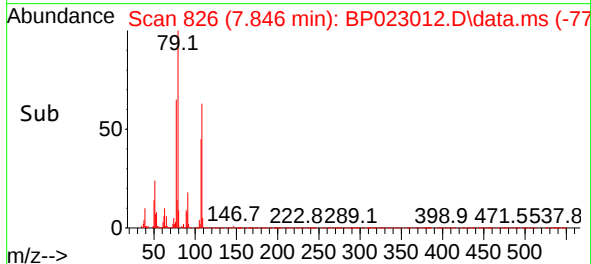
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2024



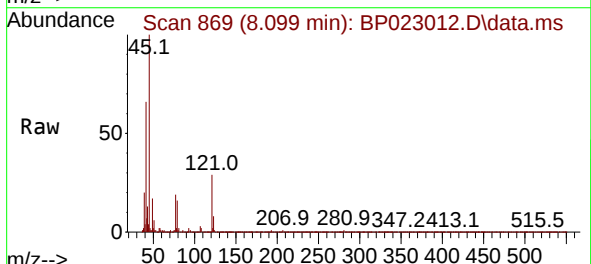
Tgt Ion: 79 Resp: 2206
Ion Ratio Lower Upper
79 100
108 63.4 51.2 76.8
77 65.4 51.3 76.9

Manual Integrations
APPROVED

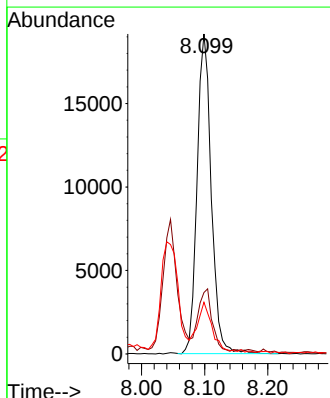
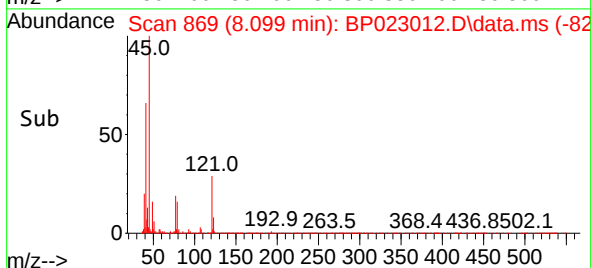
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/12/2024

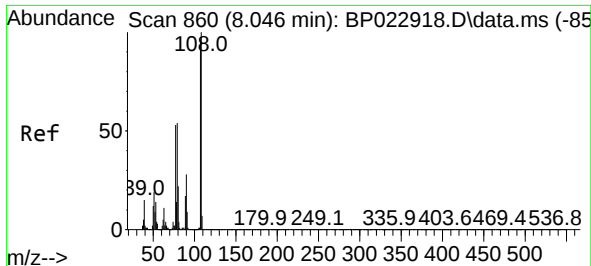


#16
2,2'-oxybis(1-Chloropropane)
Concen: 9.071 ng
RT: 8.099 min Scan# 869
Delta R.T. -0.012 min
Lab File: BP023012.D
Acq: 11 Nov 2024 13:36



Tgt Ion: 45 Resp: 29819
Ion Ratio Lower Upper
45 100
77 19.2 0.0 39.5
79 16.2 0.0 34.9





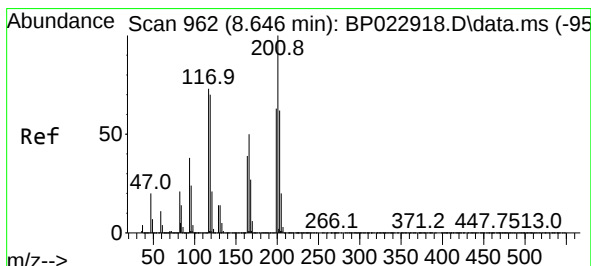
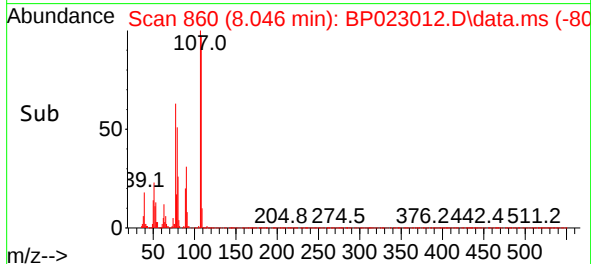
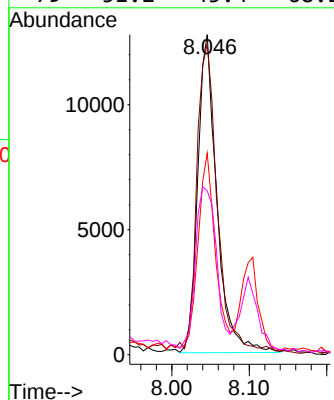
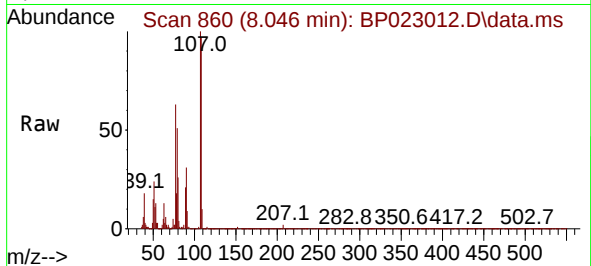
#17
2-Methylphenol
Concen: 8.007 ng
RT: 8.046 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP023012.D
Acq: 11 Nov 2024 13:36

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

Tgt Ion:	107	Resp:	2179
Ion	Ratio	Lower	Upper
107	100		
108	97.2	83.7	125.5
77	63.0	45.0	67.4
79	51.2	45.4	68.2

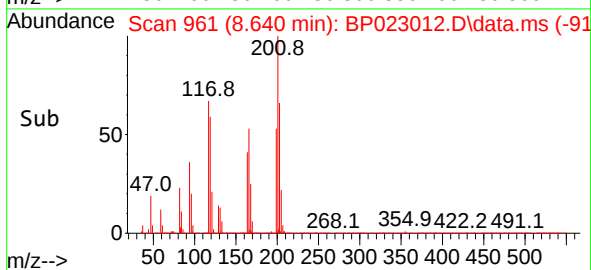
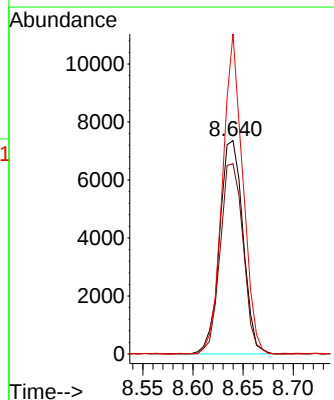
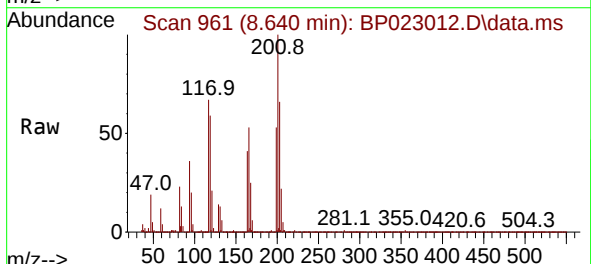
Manual Integrations
APPROVED

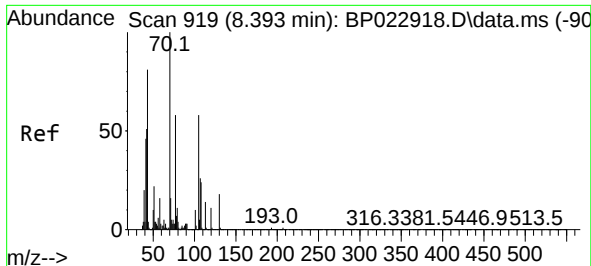
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/12/2024



#18
Hexachloroethane
Concen: 8.113 ng
RT: 8.640 min Scan# 961
Delta R.T. -0.006 min
Lab File: BP023012.D
Acq: 11 Nov 2024 13:36

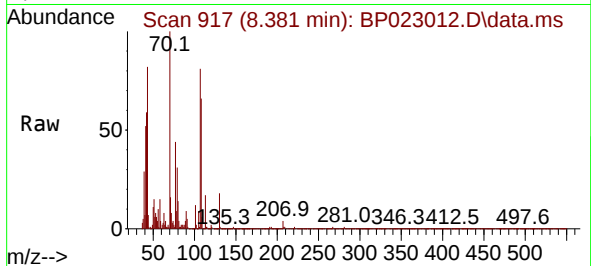
Tgt Ion:	117	Resp:	11905
Ion	Ratio	Lower	Upper
117	100		
119	89.1	76.7	115.1
201	149.9	110.0	165.0





#19
n-Nitroso-di-n-propylamine
Concen: 8.336 ng
RT: 8.381 min Scan# 917
Delta R.T. -0.012 min
Lab File: BP023012.D
Acq: 11 Nov 2024 13:36

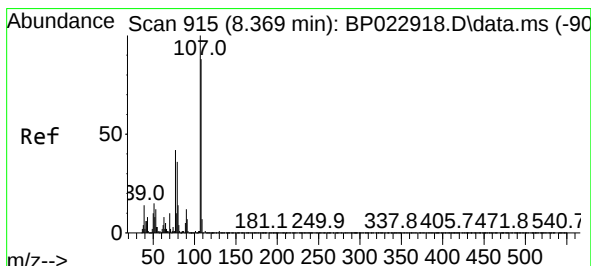
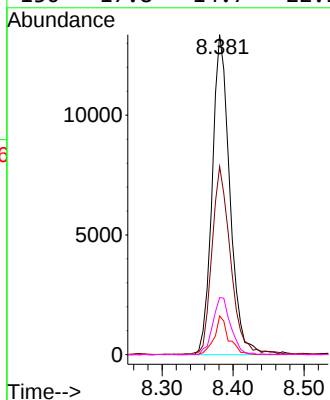
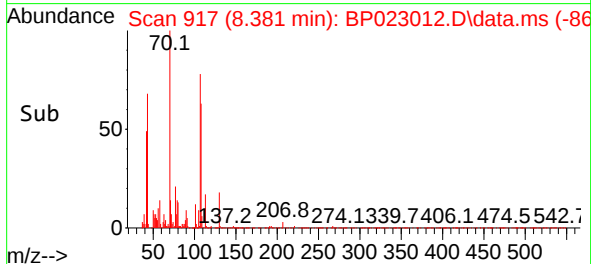
Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT4-2024



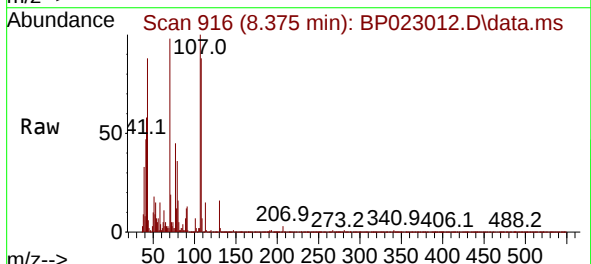
Tgt Ion: 70 Resp: 2310
Ion Ratio Lower Upper
70 100
42 58.7 41.0 61.6
101 12.1 7.8 11.6
130 17.8 14.7 22.1

Manual Integrations
APPROVED

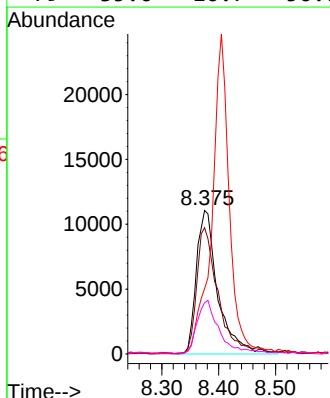
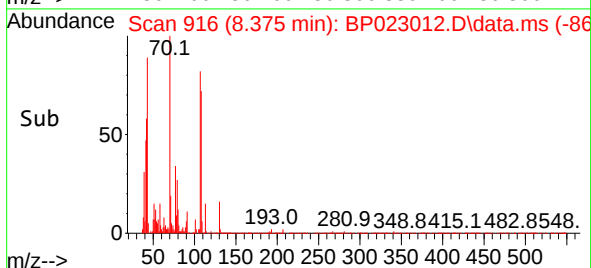
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/12/2024

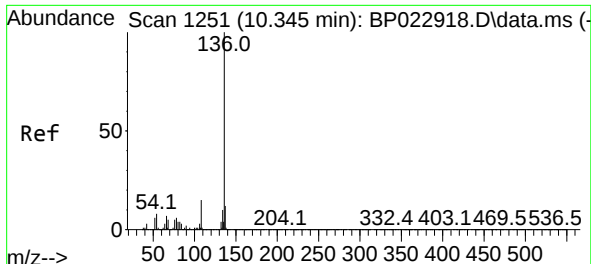


#20
3+4-Methylphenols
Concen: 7.705 ng
RT: 8.375 min Scan# 916
Delta R.T. 0.006 min
Lab File: BP023012.D
Acq: 11 Nov 2024 13:36



Tgt Ion:107 Resp: 29315
Ion Ratio Lower Upper
107 100
108 88.0 67.6 107.6
77 45.5 22.6 62.6
79 35.6 16.7 56.7





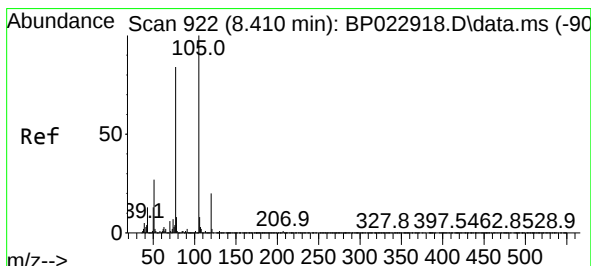
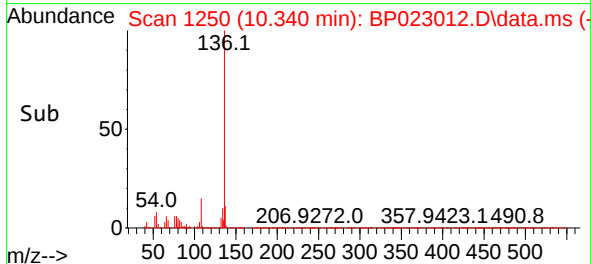
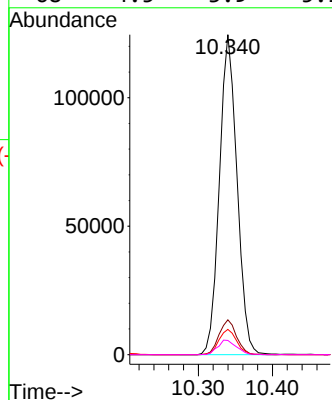
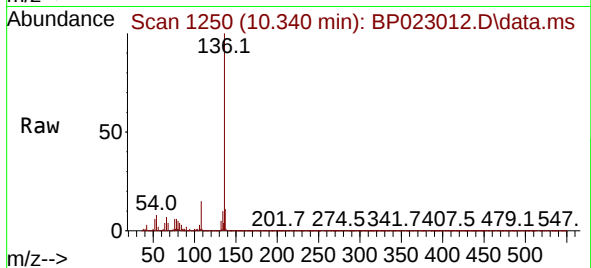
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.340 min Scan# 1251
Delta R.T. -0.006 min
Lab File: BP023012.D
Acq: 11 Nov 2024 13:36

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

Tgt Ion:	136	Resp:	20550
Ion Ratio	Lower	Upper	
136	100		
137	10.9	9.4	14.0
54	7.9	6.4	9.6
68	4.5	3.9	5.9

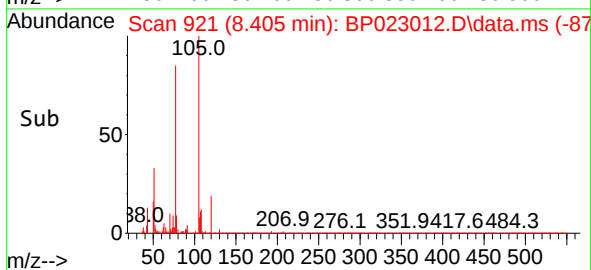
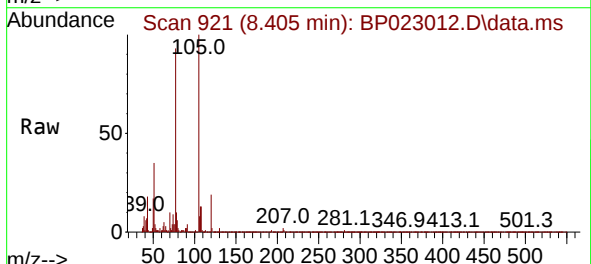
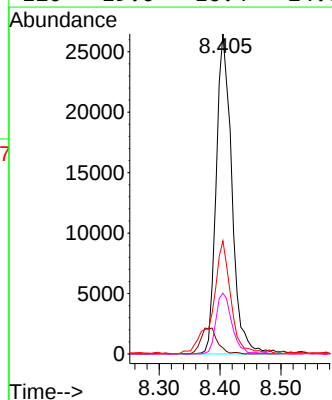
Manual Integrations
APPROVED

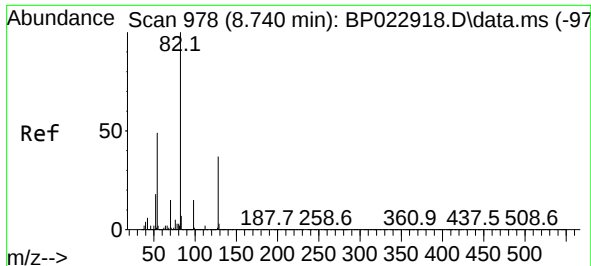
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/12/2024



#22
Acetophenone
Concen: 8.616 ng
RT: 8.405 min Scan# 921
Delta R.T. -0.006 min
Lab File: BP023012.D
Acq: 11 Nov 2024 13:36

Tgt Ion:	105	Resp:	47131
Ion Ratio	Lower	Upper	
105	100		
71	1.9	0.7	1.1#
51	35.4	21.7	32.5#
120	19.0	16.4	24.6





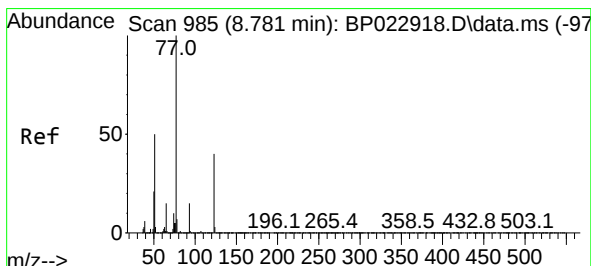
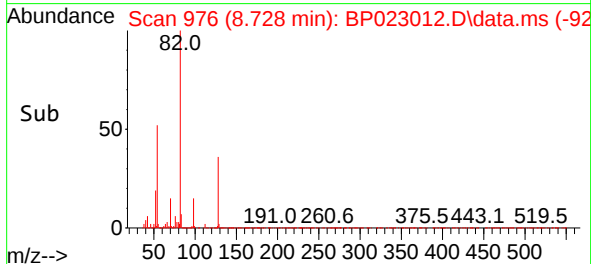
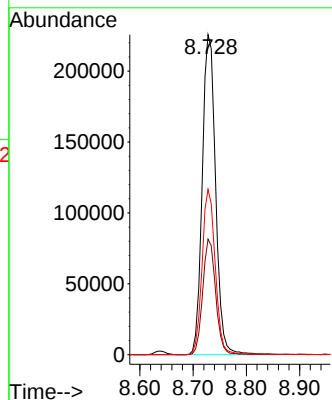
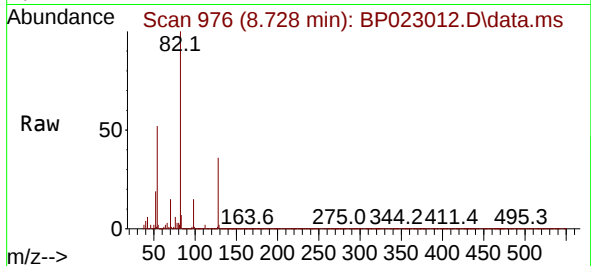
#23
Nitrobenzene-d5
Concen: 90.327 ng
RT: 8.728 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP023012.D
Acq: 11 Nov 2024 13:36

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

Tgt Ion: 82 Resp: 392909
Ion Ratio Lower Upper
82 100
128 36.1 29.8 44.8
54 51.6 39.0 58.4

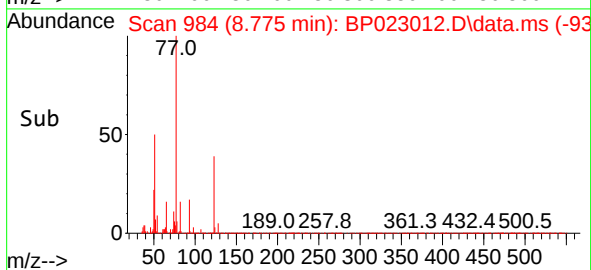
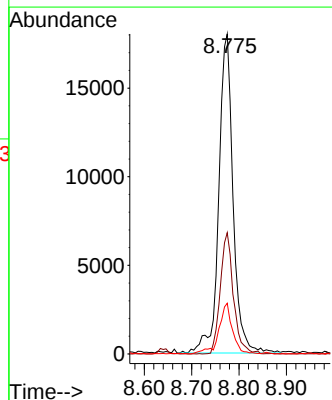
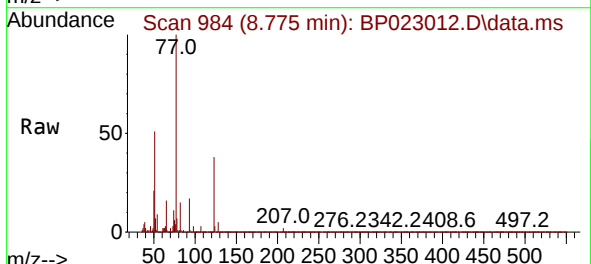
Manual Integrations
APPROVED

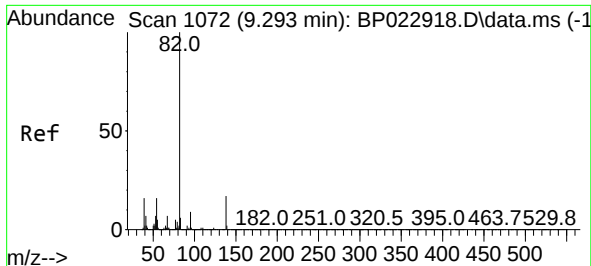
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/12/2024



#24
Nitrobenzene
Concen: 8.552 ng
RT: 8.775 min Scan# 984
Delta R.T. -0.006 min
Lab File: BP023012.D
Acq: 11 Nov 2024 13:36

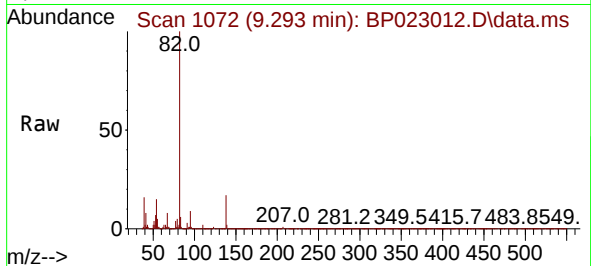
Tgt Ion: 77 Resp: 37786
Ion Ratio Lower Upper
77 100
123 37.9 32.2 48.4
65 15.9 11.7 17.5





#25
Isophorone
Concen: 8.513 ng
RT: 9.293 min Scan# 1072
Delta R.T. 0.000 min
Lab File: BP023012.D
Acq: 11 Nov 2024 13:36

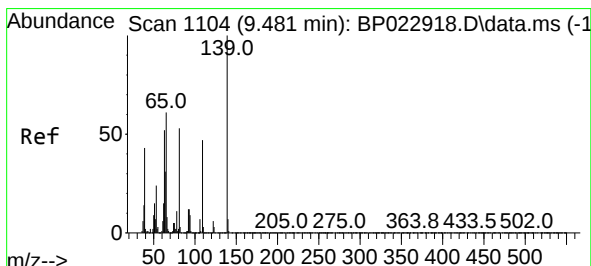
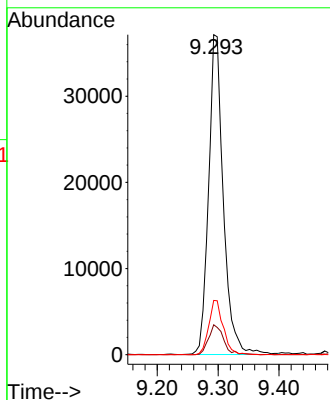
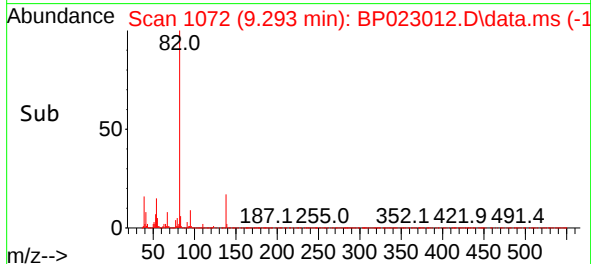
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion: 82 Resp: 6267
Ion Ratio Lower Upper
82 100
95 9.4 7.4 11.2
138 16.9 13.7 20.5

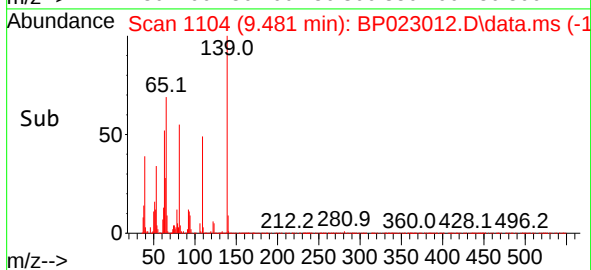
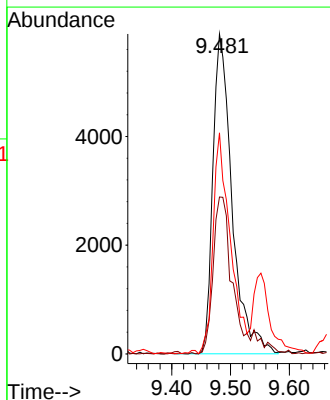
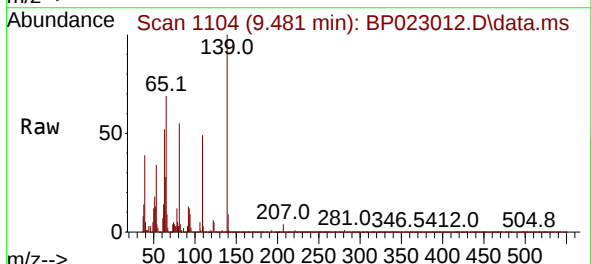
Manual Integrations
APPROVED

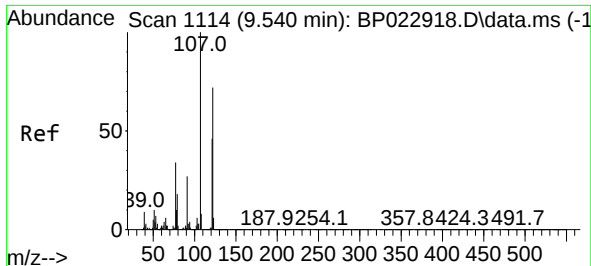
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/12/2024



#26
2-Nitrophenol
Concen: 7.366 ng
RT: 9.481 min Scan# 1104
Delta R.T. 0.000 min
Lab File: BP023012.D
Acq: 11 Nov 2024 13:36

Tgt Ion:139 Resp: 13365
Ion Ratio Lower Upper
139 100
109 49.0 37.8 56.8
65 69.1 48.6 73.0





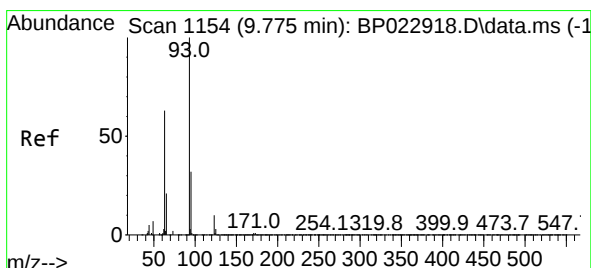
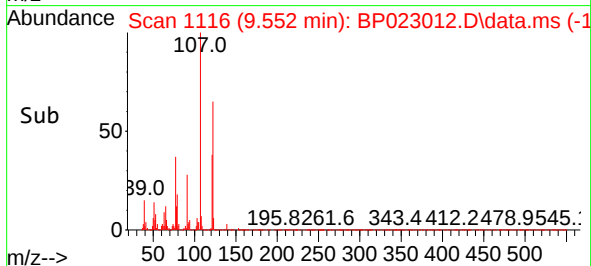
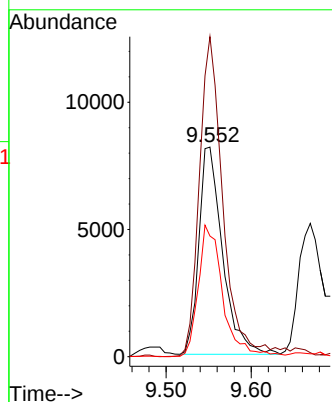
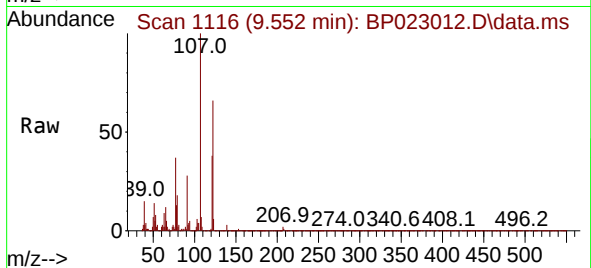
#27
2,4-Dimethylphenol
Concen: 7.608 ng
RT: 9.552 min Scan# 1116
Delta R.T. 0.012 min
Lab File: BP023012.D
Acq: 11 Nov 2024 13:36

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

Tgt Ion: 122 Resp: 15762
Ion Ratio Lower Upper
122 100
107 152.7 109.8 164.6
121 57.6 50.5 75.7

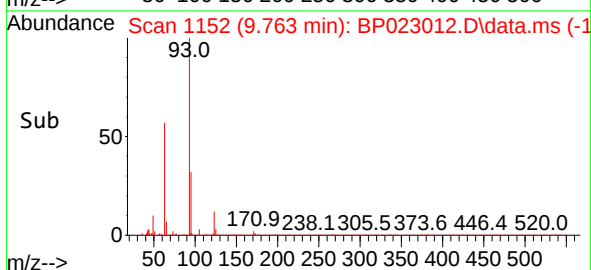
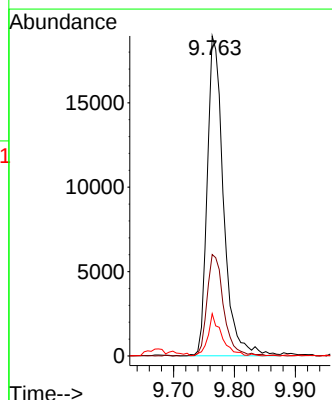
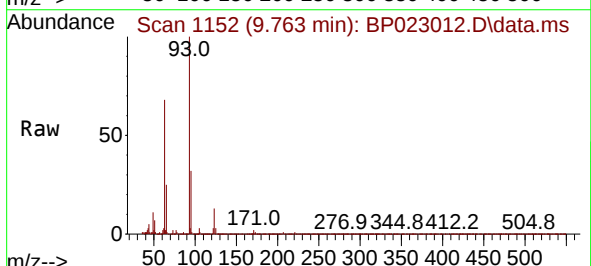
Manual Integrations
APPROVED

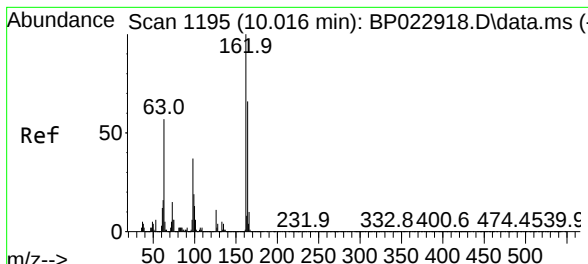
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/12/2024



#28
bis(2-Chloroethoxy)methane
Concen: 8.416 ng
RT: 9.763 min Scan# 1152
Delta R.T. -0.012 min
Lab File: BP023012.D
Acq: 11 Nov 2024 13:36

Tgt Ion: 93 Resp: 35194
Ion Ratio Lower Upper
93 100
95 31.7 25.4 38.2
123 13.2 8.6 13.0#





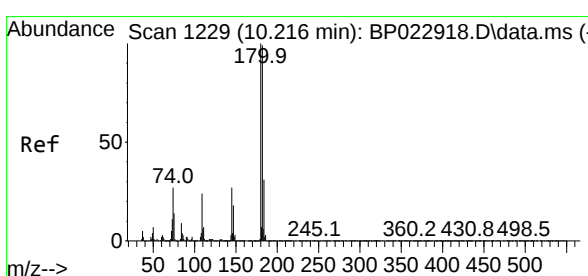
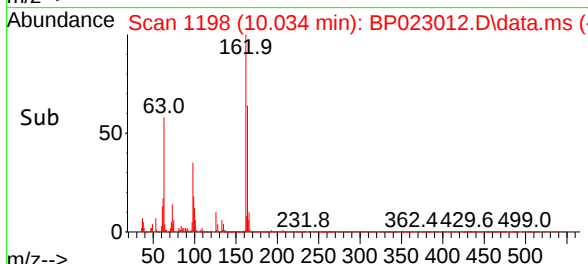
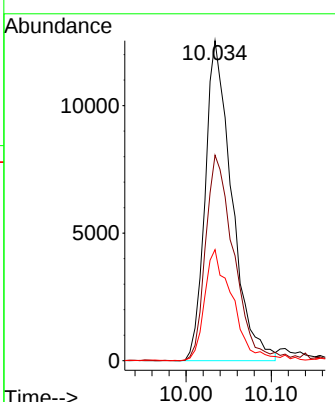
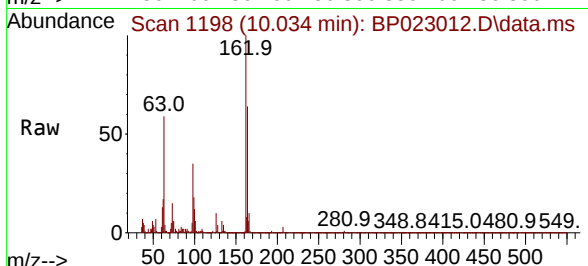
#29
2,4-Dichlorophenol
Concen: 7.596 ng
RT: 10.034 min Scan# 1195
Delta R.T. 0.018 min
Lab File: BP023012.D
Acq: 11 Nov 2024 13:36

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

Tgt Ion:	162	Resp:	2724
Ion Ratio	Lower	Upper	
162	100		
164	64.2	46.0	86.0
98	34.7	16.7	56.7

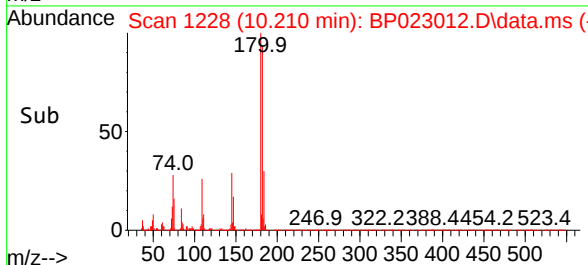
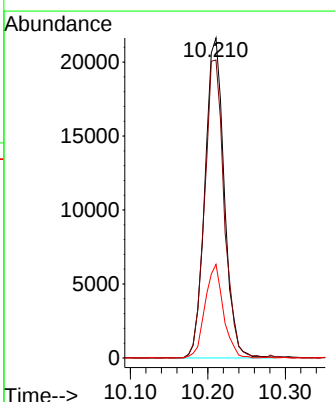
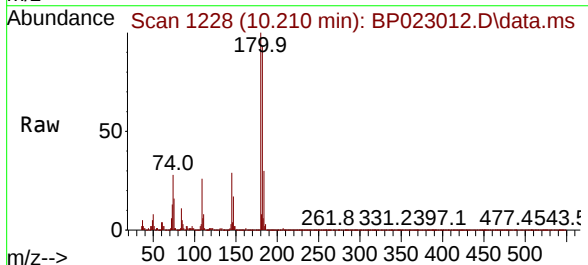
Manual Integrations
APPROVED

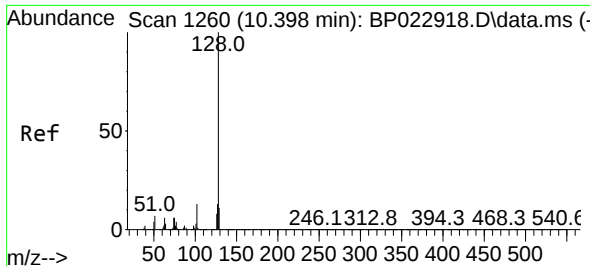
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/12/2024



#30
1,2,4-Trichlorobenzene
Concen: 8.138 ng
RT: 10.210 min Scan# 1228
Delta R.T. -0.006 min
Lab File: BP023012.D
Acq: 11 Nov 2024 13:36

Tgt Ion:	180	Resp:	37312
Ion Ratio	Lower	Upper	
180	100		
182	93.1	79.4	119.2
145	29.3	21.6	32.4





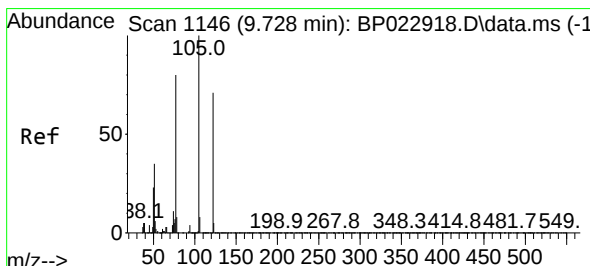
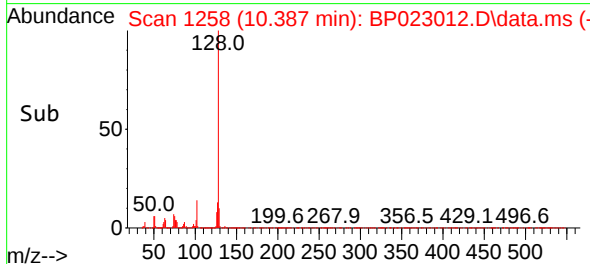
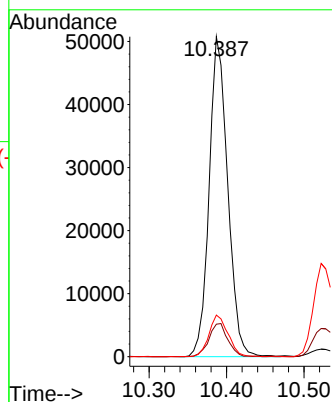
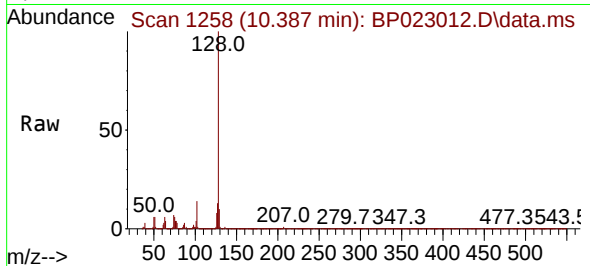
#31
Naphthalene
Concen: 8.201 ng
RT: 10.387 min Scan# 1136
Delta R.T. -0.012 min
Lab File: BP023012.D
Acq: 11 Nov 2024 13:36

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

Tgt Ion:128 Resp: 8444
Ion Ratio Lower Upper
128 100
129 10.1 8.6 12.8
127 13.0 10.6 16.0

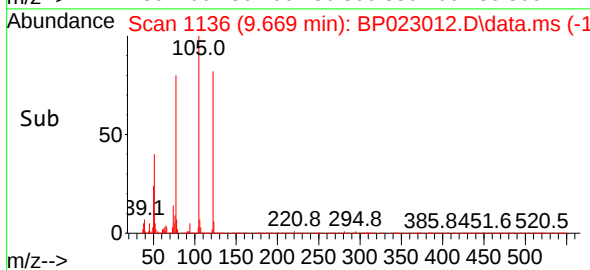
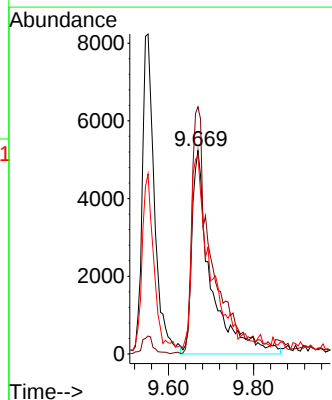
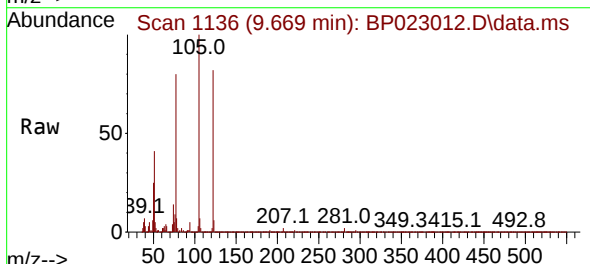
Manual Integrations
APPROVED

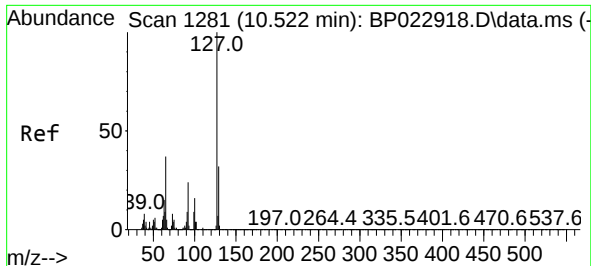
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/12/2024



#32
Benzoic acid
Concen: 6.471 ng m
RT: 9.669 min Scan# 1136
Delta R.T. -0.059 min
Lab File: BP023012.D
Acq: 11 Nov 2024 13:36

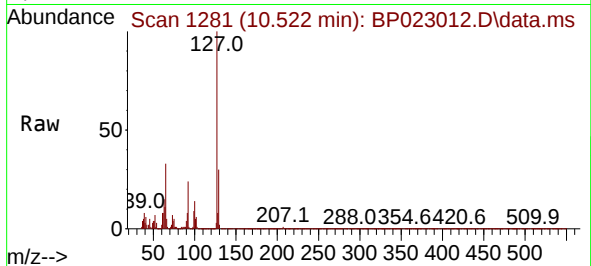
Tgt Ion:122 Resp: 16100
Ion Ratio Lower Upper
122 100
105 121.5 119.9 159.9
77 97.4 92.2 132.2





#33
4-Chloroaniline
Concen: 8.718 ng
RT: 10.522 min Scan# 1281
Delta R.T. 0.000 min
Lab File: BP023012.D
Acq: 11 Nov 2024 13:36

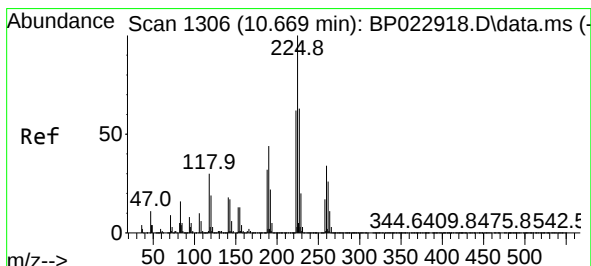
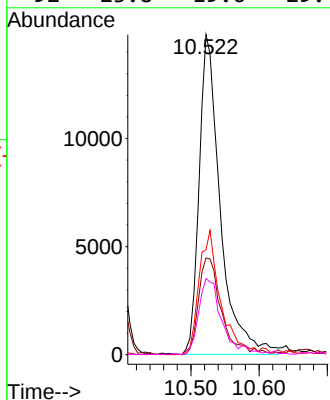
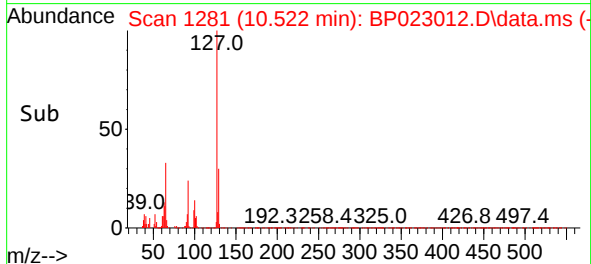
Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT4-2024



Tgt Ion	Ratio	Lower	Upper
127	100		
129	30.3	25.2	37.8
65	32.9	29.7	44.5
92	23.8	19.6	29.4

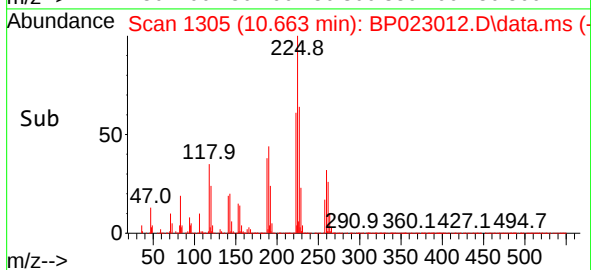
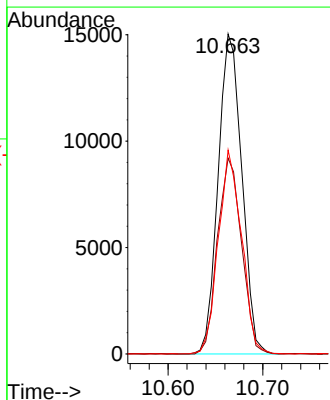
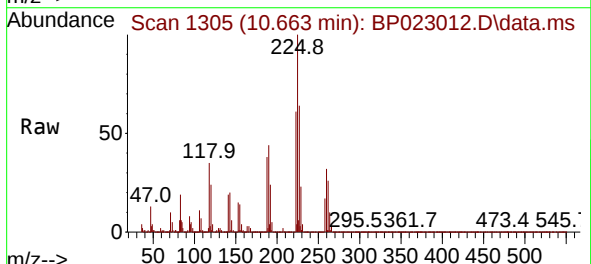
Manual Integrations
APPROVED

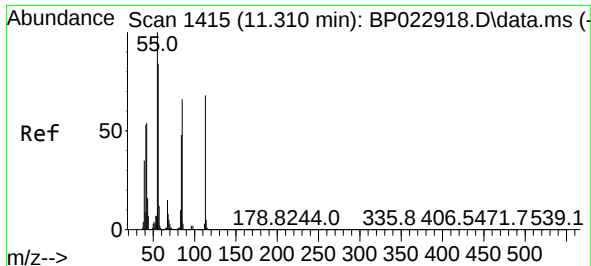
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/12/2024



#34
Hexachlorobutadiene
Concen: 7.771 ng
RT: 10.663 min Scan# 1305
Delta R.T. -0.006 min
Lab File: BP023012.D
Acq: 11 Nov 2024 13:36

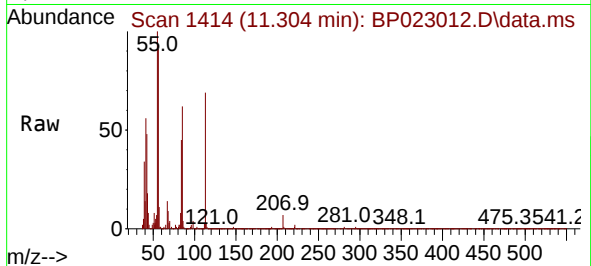
Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.2	49.8	74.6
227	63.7	50.5	75.7





#35
Caprolactam
Concen: 7.573 ng m
RT: 11.304 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BP023012.D
Acq: 11 Nov 2024 13:36

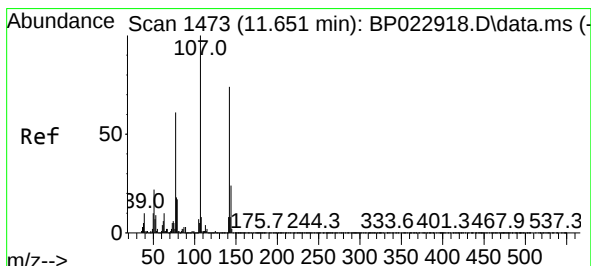
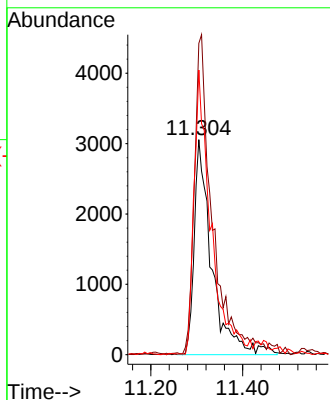
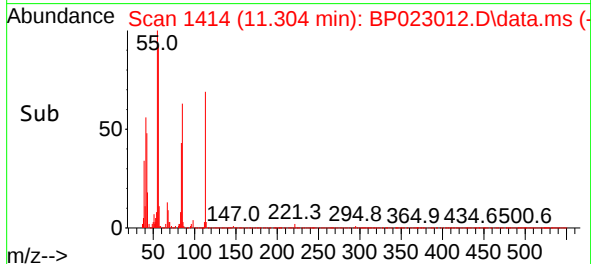
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion:113 Resp: 813
Ion Ratio Lower Upper
113 100
55 144.8 127.4 167.4
56 132.4 103.5 143.5

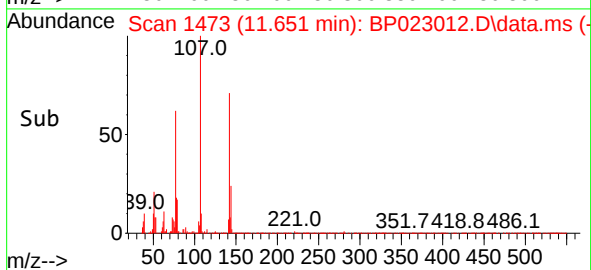
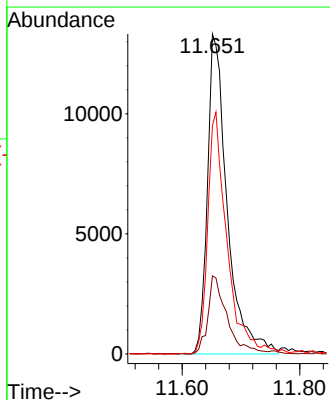
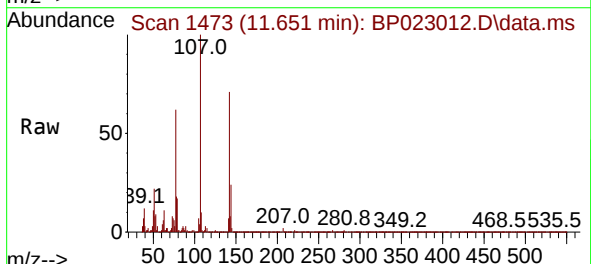
Manual Integrations
APPROVED

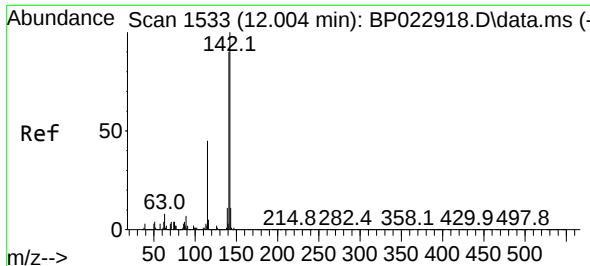
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/12/2024



#36
4-Chloro-3-methylphenol
Concen: 7.766 ng
RT: 11.651 min Scan# 1473
Delta R.T. 0.000 min
Lab File: BP023012.D
Acq: 11 Nov 2024 13:36

Tgt Ion:107 Resp: 31054
Ion Ratio Lower Upper
107 100
144 24.4 19.4 29.0
142 71.4 59.5 89.3





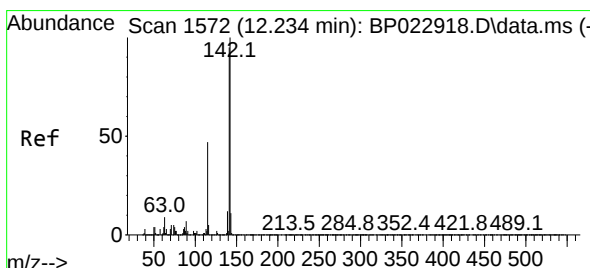
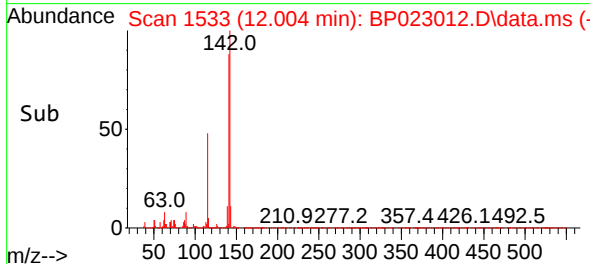
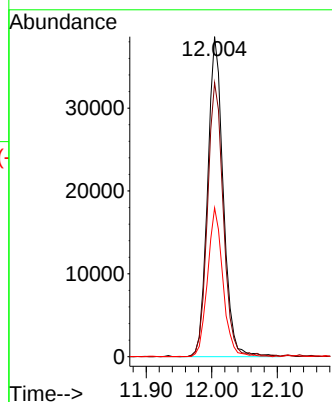
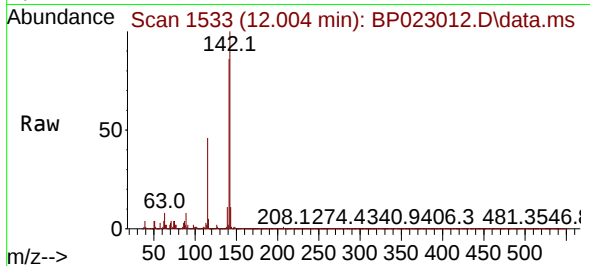
#37
2-Methylnaphthalene
Concen: 8.308 ng
RT: 12.004 min Scan# 1533
Delta R.T. 0.000 min
Lab File: BP023012.D
Acq: 11 Nov 2024 13:36

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

Tgt Ion:142 Resp: 64068
Ion Ratio Lower Upper
142 100
141 85.6 72.2 108.4
115 46.5 35.9 53.9

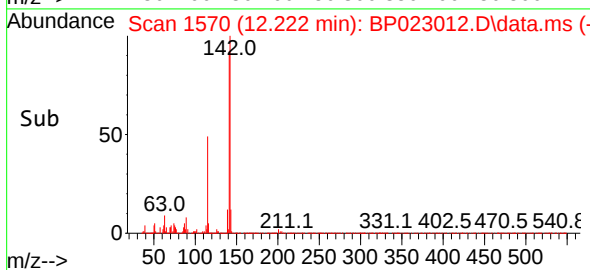
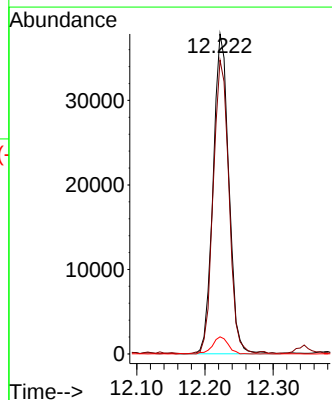
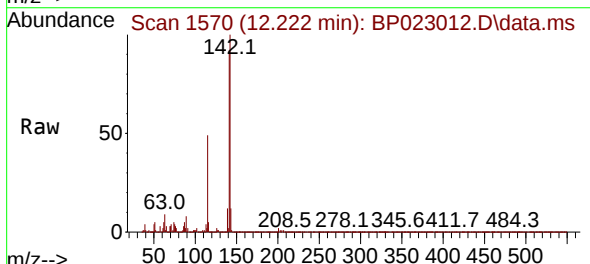
Manual Integrations
APPROVED

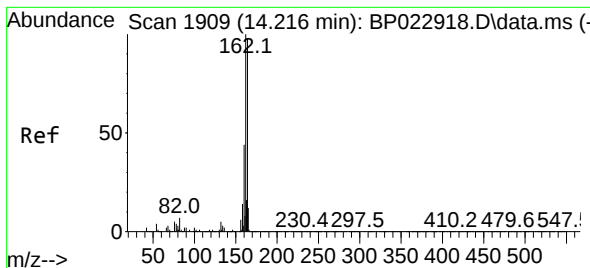
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/12/2024



#38
1-Methylnaphthalene
Concen: 7.956 ng
RT: 12.222 min Scan# 1570
Delta R.T. -0.012 min
Lab File: BP023012.D
Acq: 11 Nov 2024 13:36

Tgt Ion:142 Resp: 60894
Ion Ratio Lower Upper
142 100
141 91.8 75.8 113.8
116 5.4 3.8 5.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.210 min Scan# 1909

Delta R.T. -0.006 min

Lab File: BP023012.D

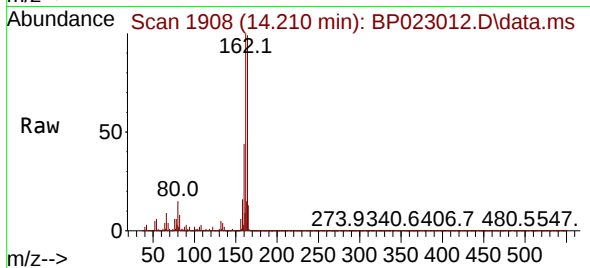
Acq: 11 Nov 2024 13:36

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT4-2024



Tgt Ion:164 Resp: 173650

Ion Ratio Lower Upper

164 100

162 101.1 81.8 122.8

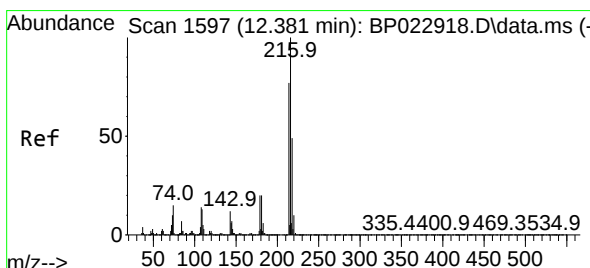
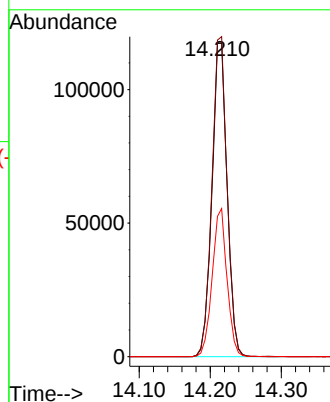
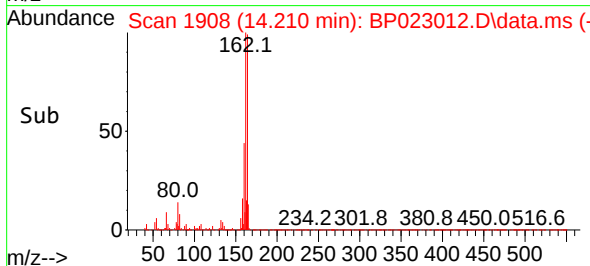
160 44.8 35.7 53.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/12/2024

Supervised By :mohammad ahmed 11/12/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 8.357 ng

RT: 12.381 min Scan# 1597

Delta R.T. 0.000 min

Lab File: BP023012.D

Acq: 11 Nov 2024 13:36

Tgt Ion:216 Resp: 49127

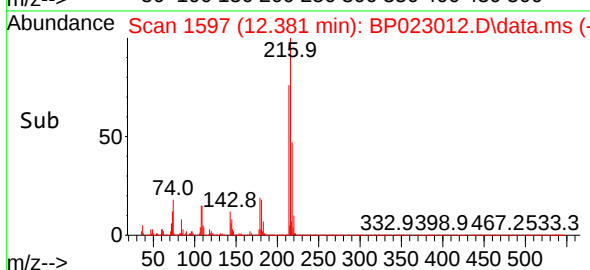
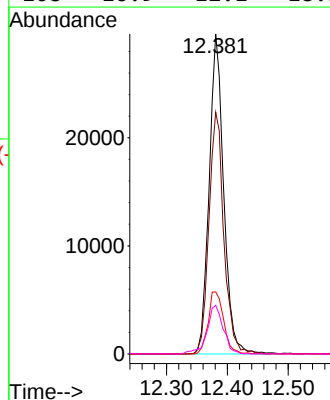
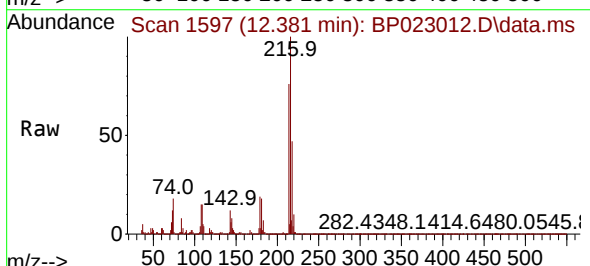
Ion Ratio Lower Upper

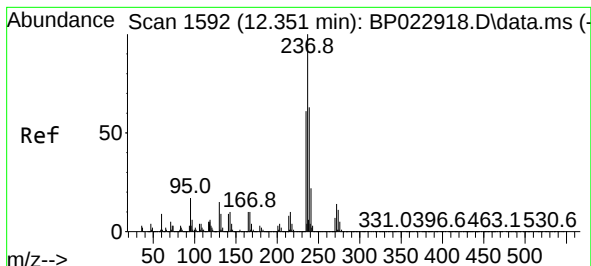
216 100

214 77.4 62.5 93.7

179 20.8 16.5 24.7

108 16.9 12.1 18.1





#41

Hexachlorocyclopentadiene

Concen: 7.810 ng

RT: 12.346 min Scan# 1

Delta R.T. -0.005 min

Lab File: BP023012.D

Acq: 11 Nov 2024 13:36

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT4-2024

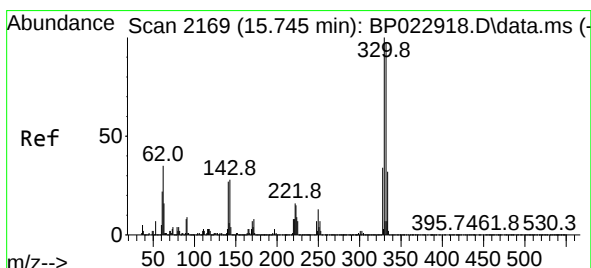
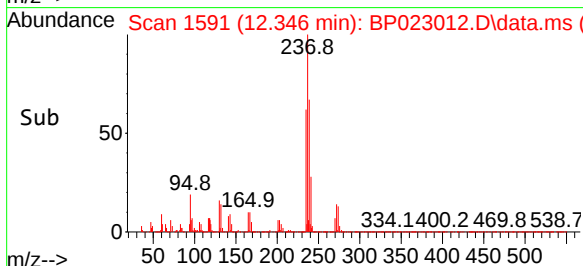
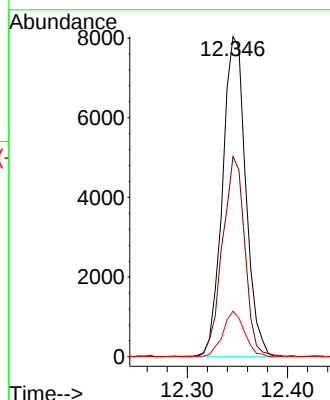
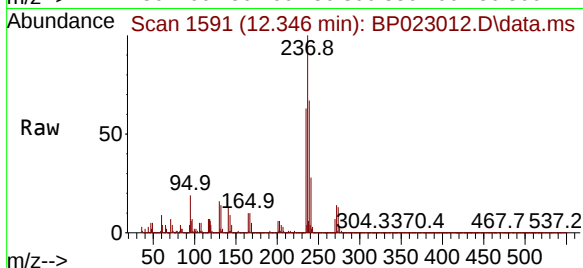
Tgt Ion:	237	Resp:	12894
Ion Ratio	Lower	Upper	
237	100		
235	62.5	41.2	81.2
272	14.2	0.0	33.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/12/2024

Supervised By :mohammad ahmed 11/12/2024



#42

2,4,6-Tribromophenol

Concen: 135.021 ng

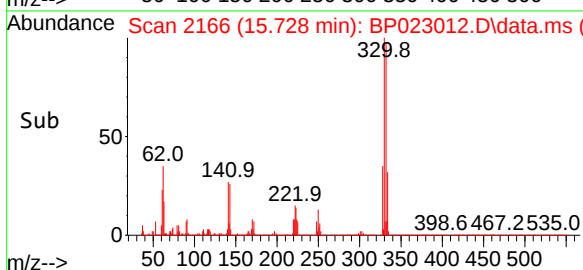
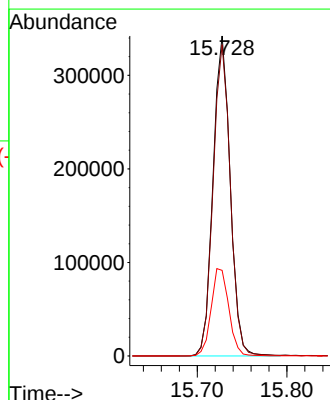
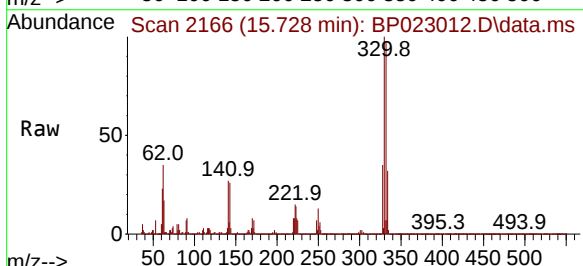
RT: 15.728 min Scan# 2166

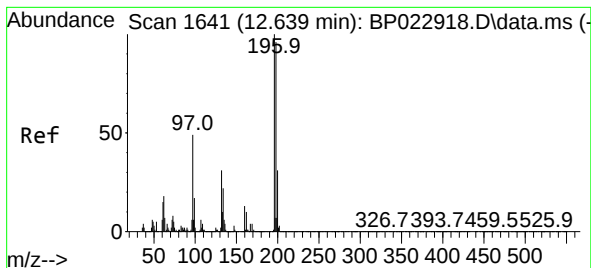
Delta R.T. -0.017 min

Lab File: BP023012.D

Acq: 11 Nov 2024 13:36

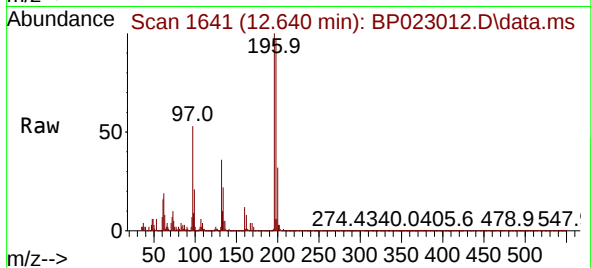
Tgt Ion:	330	Resp:	454466
Ion Ratio	Lower	Upper	
330	100		
332	97.8	77.0	115.6
141	28.2	21.6	32.4





#43
2,4,6-Trichlorophenol
Concen: 7.811 ng
RT: 12.640 min Scan# 1641
Delta R.T. 0.000 min
Lab File: BP023012.D
Acq: 11 Nov 2024 13:36

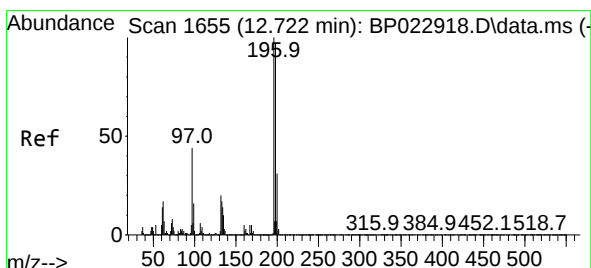
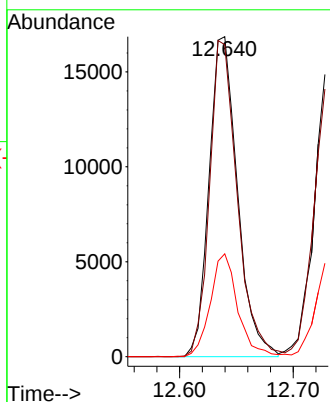
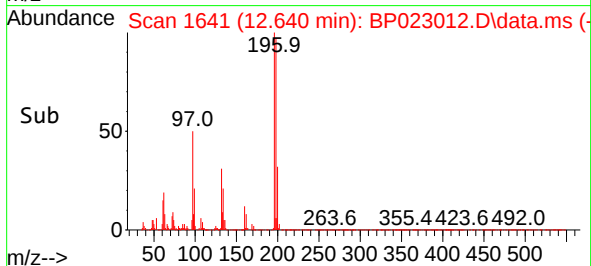
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2024



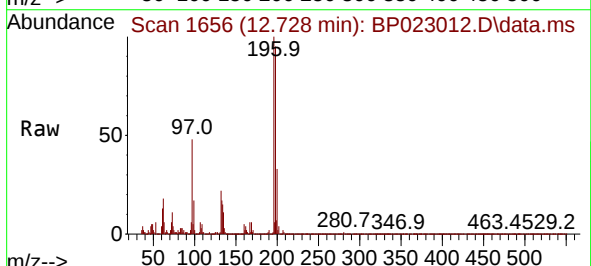
Tgt Ion:196 Resp: 29200
Ion Ratio Lower Upper
196 100
198 97.5 76.5 114.7
200 32.2 24.6 36.8

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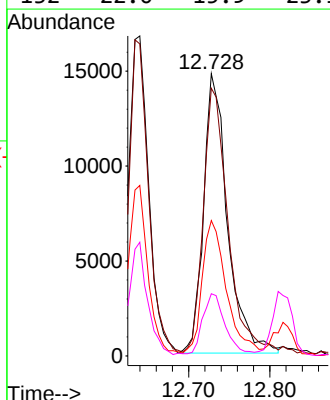
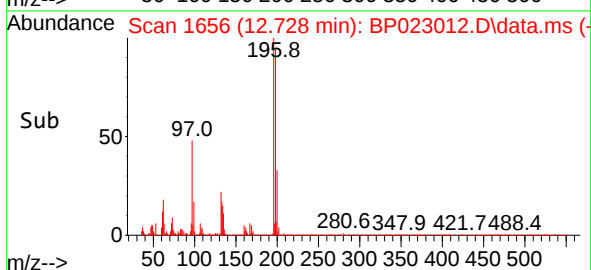
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/12/2024

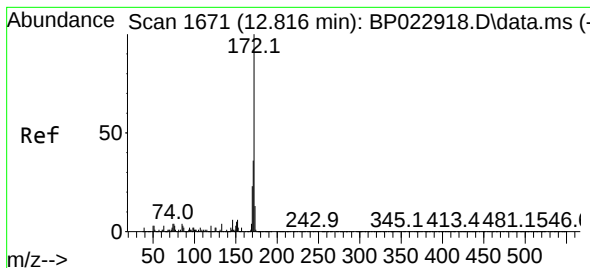


#44
2,4,5-Trichlorophenol
Concen: 7.123 ng
RT: 12.728 min Scan# 1656
Delta R.T. 0.006 min
Lab File: BP023012.D
Acq: 11 Nov 2024 13:36



Tgt Ion:196 Resp: 30316
Ion Ratio Lower Upper
196 100
198 94.9 77.8 116.8
97 48.0 35.2 52.8
132 22.0 15.9 23.9





#45

2-Fluorobiphenyl

Concen: 88.252 ng

RT: 12.816 min Scan# 10

Delta R.T. 0.000 min

Lab File: BP023012.D

Acq: 11 Nov 2024 13:36

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT4-2024

Tgt Ion:172 Resp: 107253

Ion Ratio Lower Upper

172 100

171 35.3 28.5 42.7

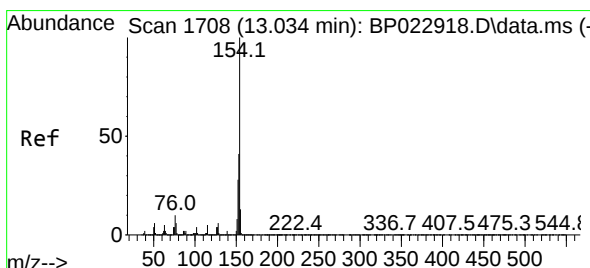
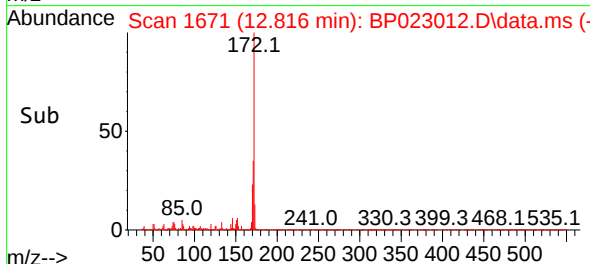
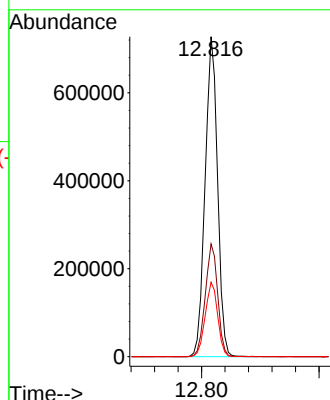
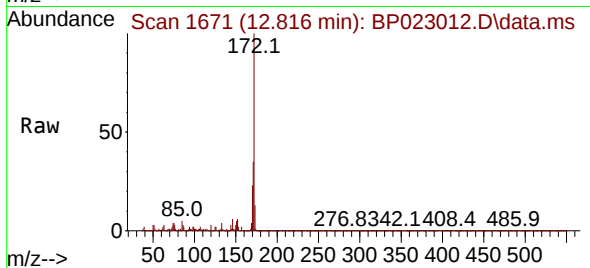
170 23.2 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/12/2024

Supervised By :mohammad ahmed 11/12/2024



#46

1,1'-Biphenyl

Concen: 8.639 ng

RT: 13.022 min Scan# 1706

Delta R.T. -0.012 min

Lab File: BP023012.D

Acq: 11 Nov 2024 13:36

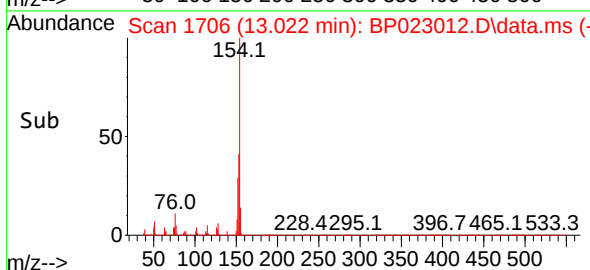
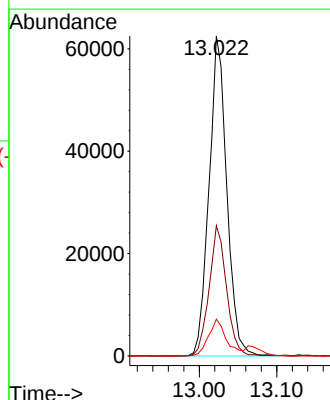
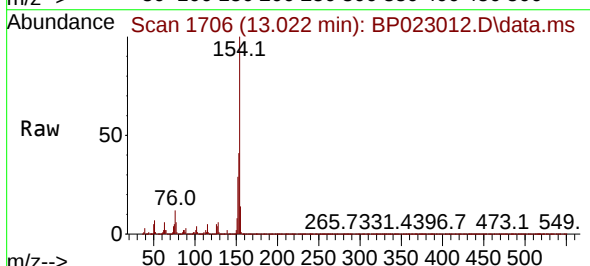
Tgt Ion:154 Resp: 99723

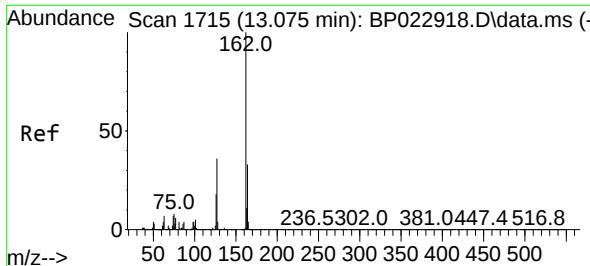
Ion Ratio Lower Upper

154 100

153 40.7 20.6 60.6

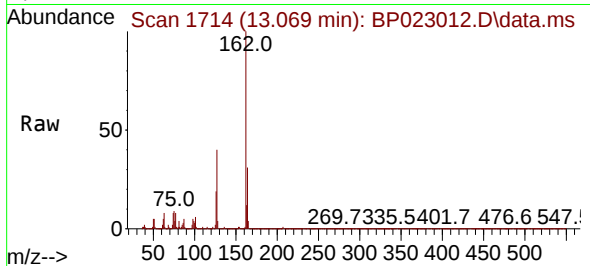
76 11.5 0.0 30.5





#47
2-Chloronaphthalene
Concen: 8.138 ng
RT: 13.069 min Scan# 1714
Delta R.T. -0.006 min
Lab File: BP023012.D
Acq: 11 Nov 2024 13:36

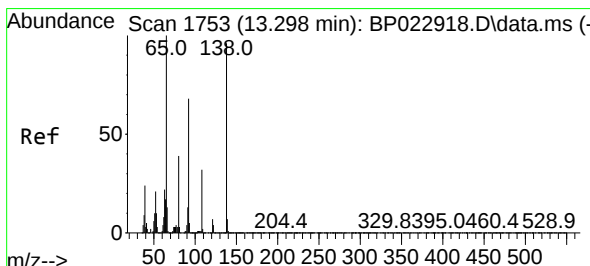
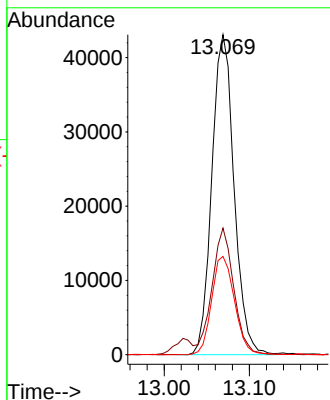
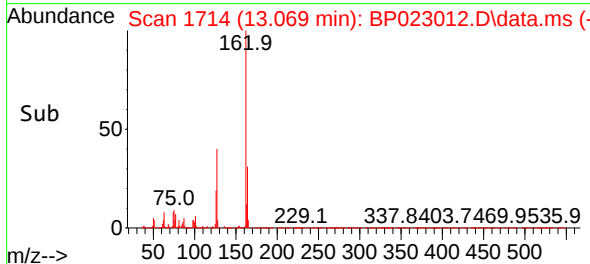
Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT4-2024



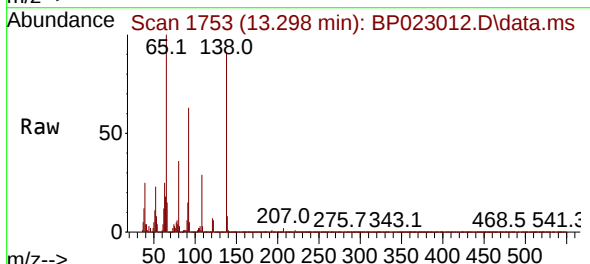
Tgt Ion: 162 Resp: 77960
Ion Ratio Lower Upper
162 100
127 39.5 28.6 43.0
164 30.7 26.4 39.6

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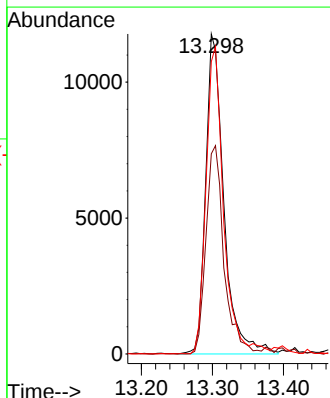
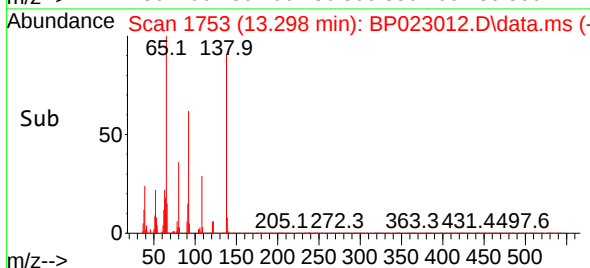
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/12/2024

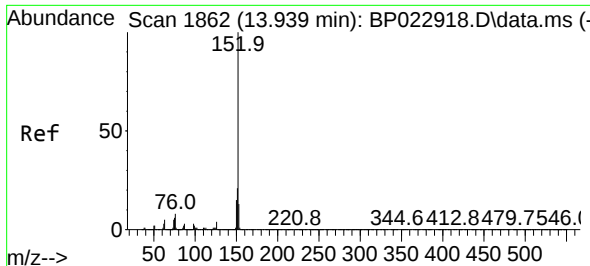


#48
2-Nitroaniline
Concen: 7.488 ng
RT: 13.298 min Scan# 1753
Delta R.T. 0.000 min
Lab File: BP023012.D
Acq: 11 Nov 2024 13:36



Tgt Ion: 65 Resp: 20900
Ion Ratio Lower Upper
65 100
92 62.5 54.4 81.6
138 91.3 76.5 114.7





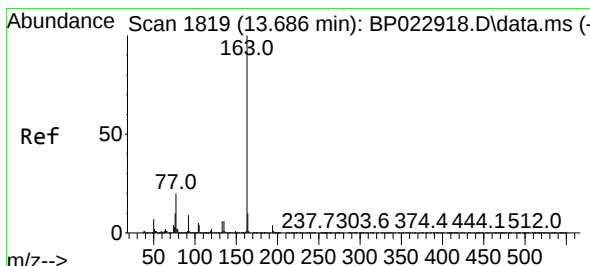
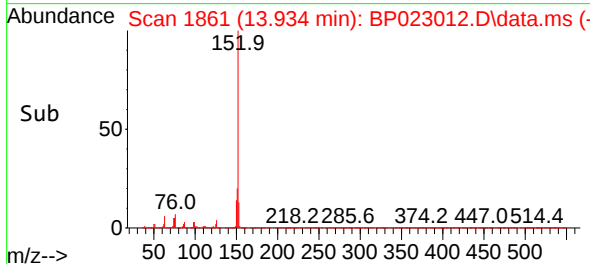
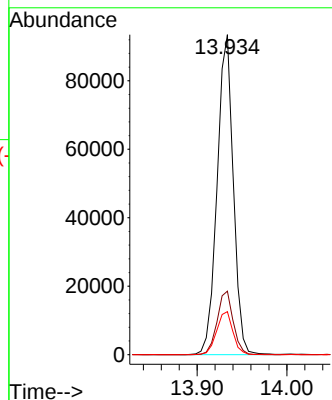
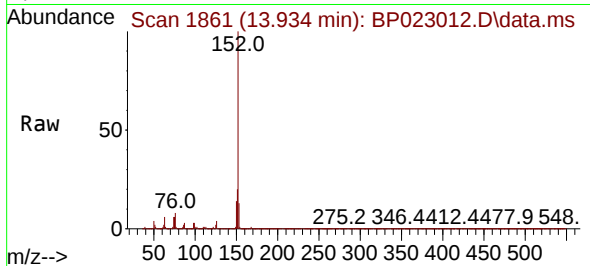
#49
Acenaphthylene
Concen: 8.737 ng
RT: 13.934 min Scan# 1861
Delta R.T. -0.006 min
Lab File: BP023012.D
Acq: 11 Nov 2024 13:36

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

Tgt Ion:152 Resp: 11689
Ion Ratio Lower Upper
152 100
151 19.9 16.8 25.2
153 13.5 10.8 16.2

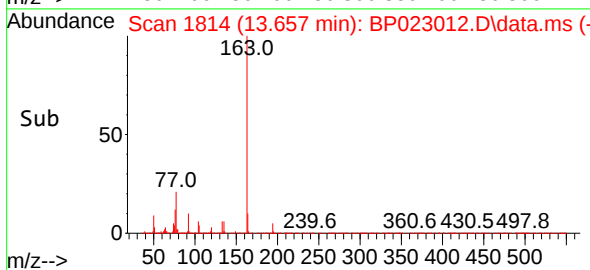
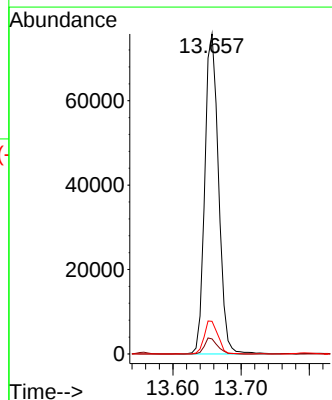
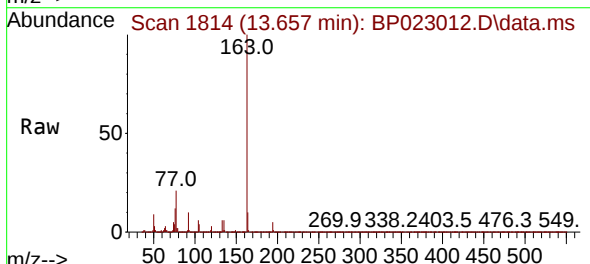
Manual Integrations
APPROVED

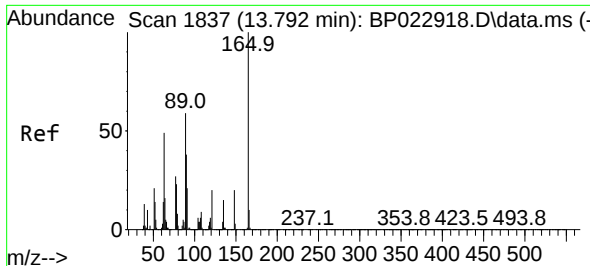
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/12/2024



#50
Dimethylphthalate
Concen: 8.354 ng
RT: 13.657 min Scan# 1814
Delta R.T. -0.029 min
Lab File: BP023012.D
Acq: 11 Nov 2024 13:36

Tgt Ion:163 Resp: 106210
Ion Ratio Lower Upper
163 100
194 4.7 3.5 5.3
164 10.2 8.0 12.0





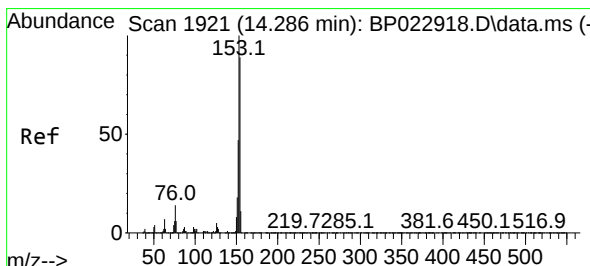
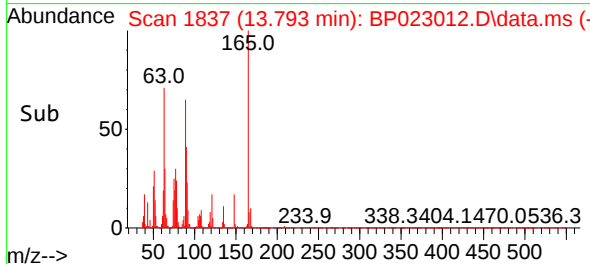
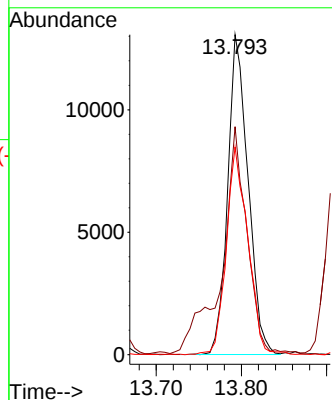
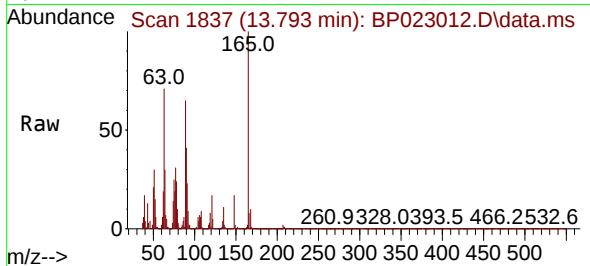
#51
2,6-Dinitrotoluene
Concen: 7.497 ng
RT: 13.793 min Scan# 1837
Delta R.T. 0.000 min
Lab File: BP023012.D
Acq: 11 Nov 2024 13:36

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

Tgt Ion:165 Resp: 21672
Ion Ratio Lower Upper
165 100
63 71.3 45.1 67.7
89 64.9 46.9 70.3

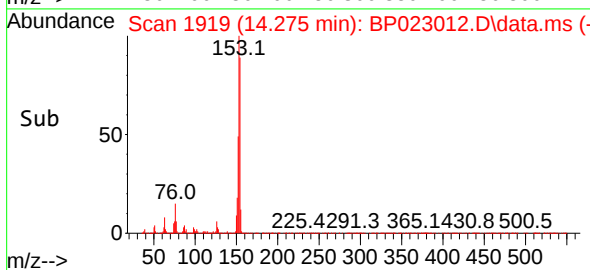
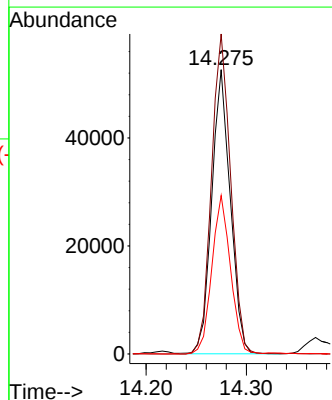
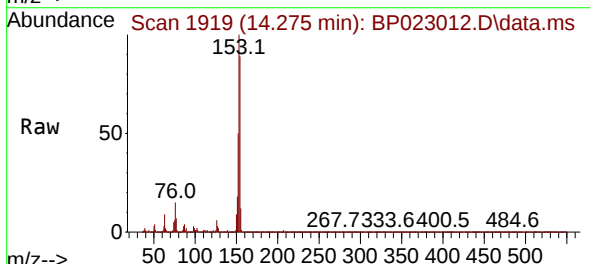
Manual Integrations
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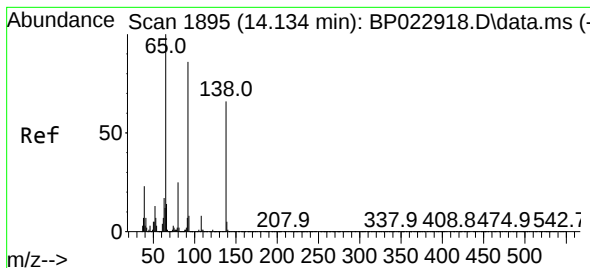
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/12/2024



#52
Acenaphthene
Concen: 7.880 ng
RT: 14.275 min Scan# 1919
Delta R.T. -0.011 min
Lab File: BP023012.D
Acq: 11 Nov 2024 13:36

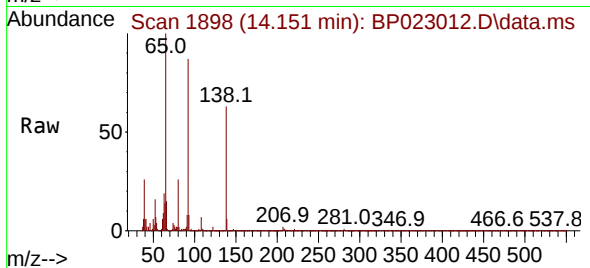
Tgt Ion:154 Resp: 67791
Ion Ratio Lower Upper
154 100
153 112.5 89.9 134.9
152 55.7 42.1 63.1





#53
3-Nitroaniline
Concen: 7.323 ng
RT: 14.151 min Scan# 1898
Delta R.T. 0.018 min
Lab File: BP023012.D
Acq: 11 Nov 2024 13:36

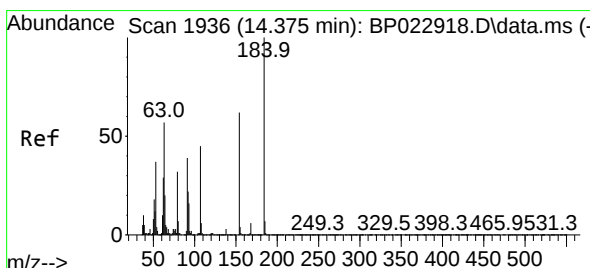
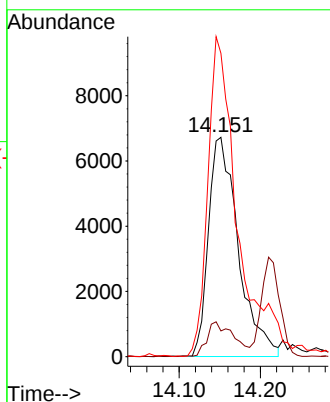
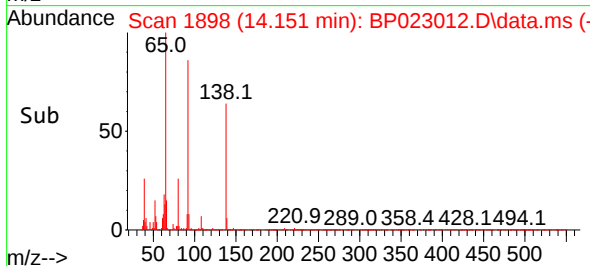
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion:138 Resp: 1720
Ion Ratio Lower Upper
138 100
108 11.7 10.2 15.2
92 138.3 104.2 156.2

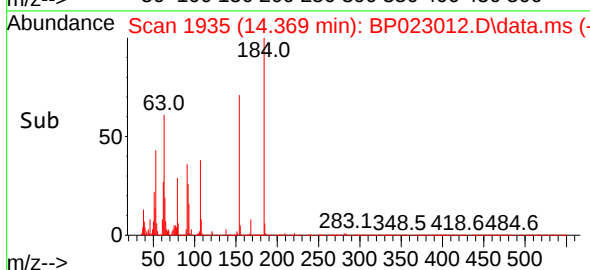
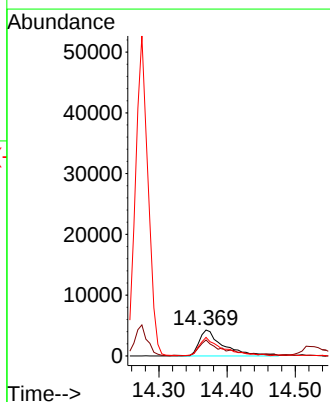
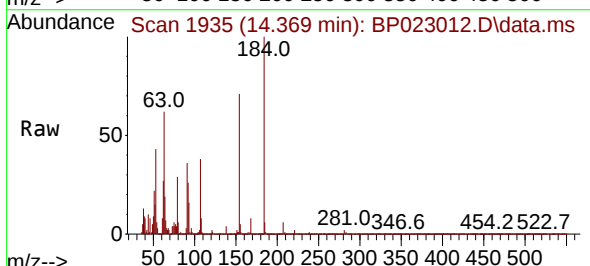
Manual Integrations
APPROVED

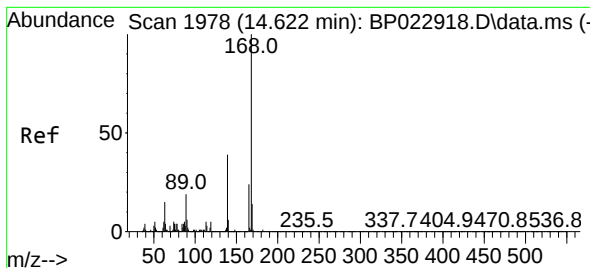
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/12/2024



#54
2,4-Dinitrophenol
Concen: 5.820 ng
RT: 14.369 min Scan# 1935
Delta R.T. -0.006 min
Lab File: BP023012.D
Acq: 11 Nov 2024 13:36

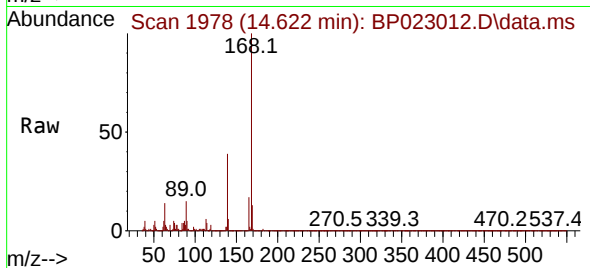
Tgt Ion:184 Resp: 10441
Ion Ratio Lower Upper
184 100
63 61.7 46.3 69.5
154 71.4 56.6 85.0





#55
Dibenzenofuran
Concen: 8.598 ng
RT: 14.622 min Scan# 1978
Delta R.T. 0.000 min
Lab File: BP023012.D
Acq: 11 Nov 2024 13:36

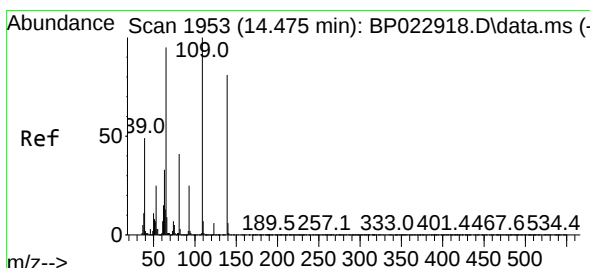
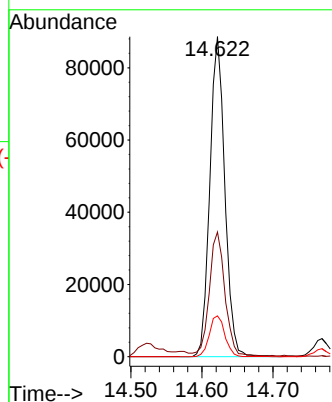
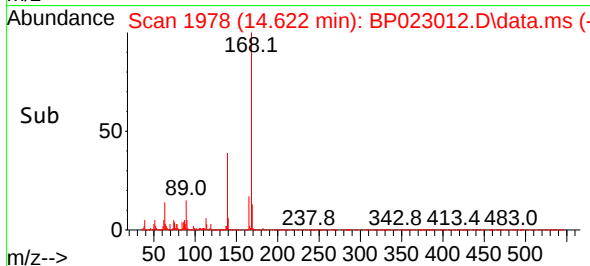
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion:168 Resp: 12989
Ion Ratio Lower Upper
168 100
139 38.9 31.1 46.7
169 12.8 11.0 16.6

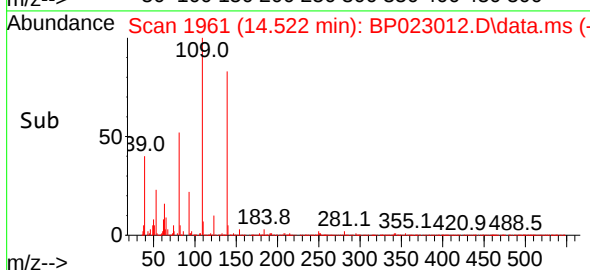
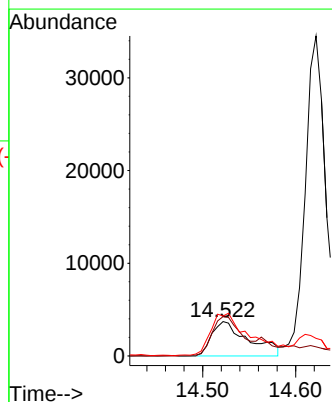
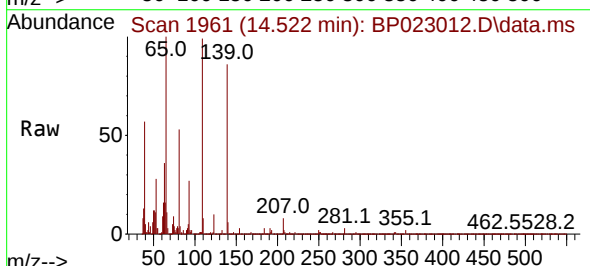
Manual Integrations
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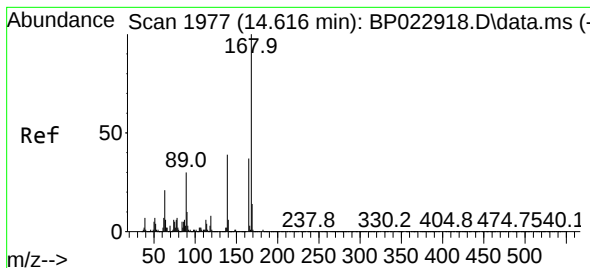
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/12/2024



#56
4-Nitrophenol
Concen: 5.309 ng m
RT: 14.522 min Scan# 1961
Delta R.T. 0.047 min
Lab File: BP023012.D
Acq: 11 Nov 2024 13:36

Tgt Ion:139 Resp: 10256
Ion Ratio Lower Upper
139 100
109 114.3 103.1 143.1
65 115.9 96.9 136.9





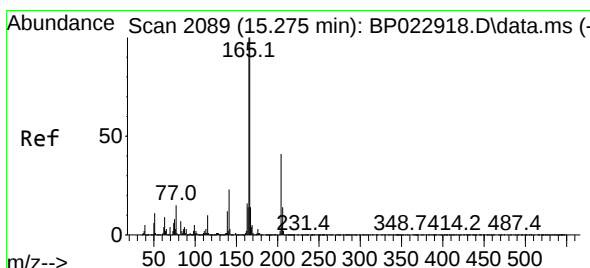
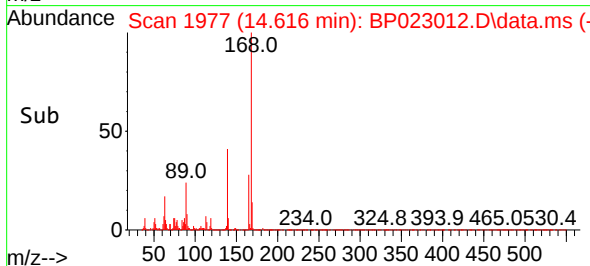
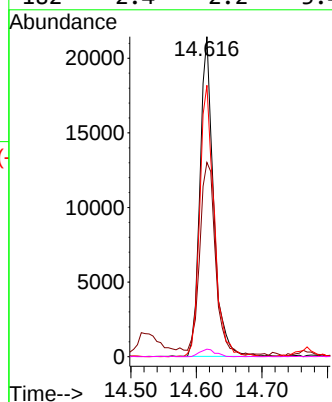
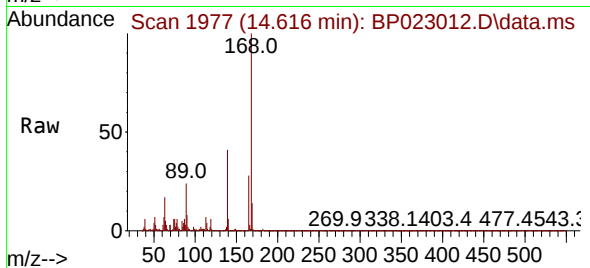
#57
2,4-Dinitrotoluene
Concen: 7.447 ng
RT: 14.616 min Scan# 1977
Delta R.T. 0.000 min
Lab File: BP023012.D
Acq: 11 Nov 2024 13:36

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

Tgt Ion:165 Resp: 3112
Ion Ratio Lower Upper
165 100
63 60.7 46.5 69.7
89 84.8 64.0 96.0
182 2.4 2.2 3.4

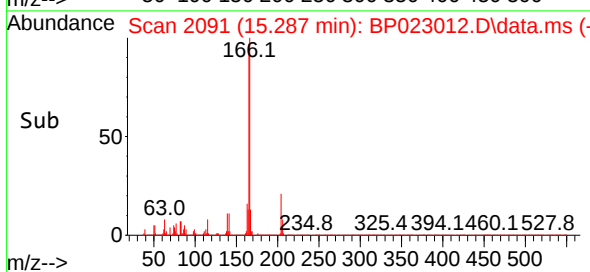
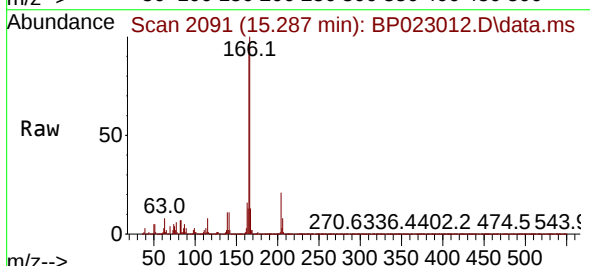
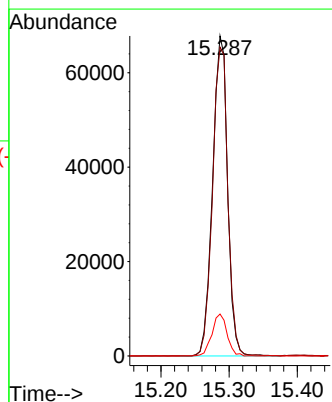
Manual Integrations
APPROVED

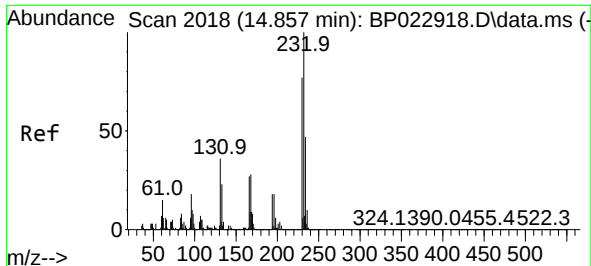
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/12/2024



#58
Fluorene
Concen: 8.258 ng
RT: 15.287 min Scan# 2091
Delta R.T. 0.012 min
Lab File: BP023012.D
Acq: 11 Nov 2024 13:36

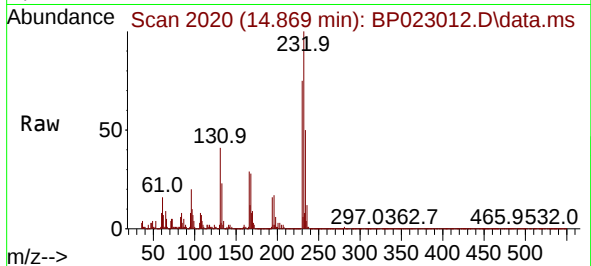
Tgt Ion:166 Resp: 103659
Ion Ratio Lower Upper
166 100
165 96.5 80.1 120.1
167 13.1 11.1 16.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 8.232 ng
RT: 14.869 min Scan# 2018
Delta R.T. 0.012 min
Lab File: BP023012.D
Acq: 11 Nov 2024 13:36

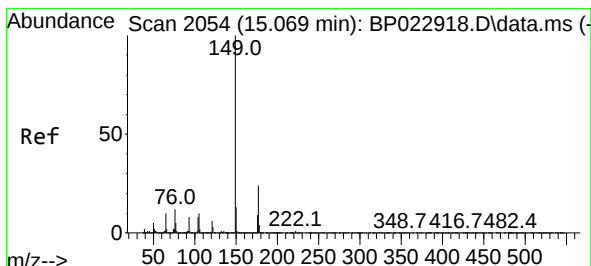
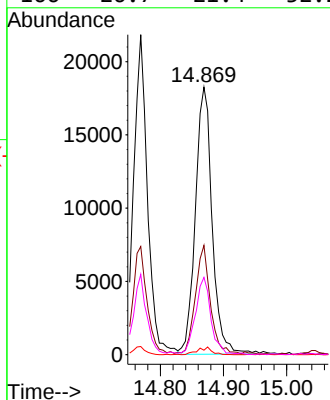
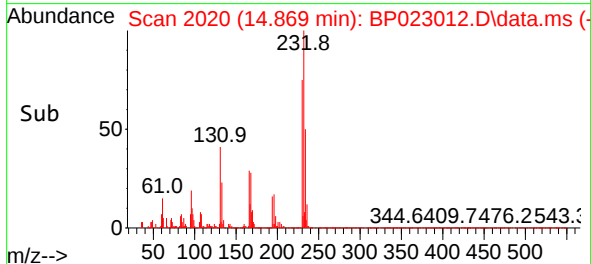
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion:232 Resp: 3379
Ion Ratio Lower Upper
232 100
131 36.1 28.2 42.2
130 2.4 1.7 2.5
166 26.7 21.4 32.2

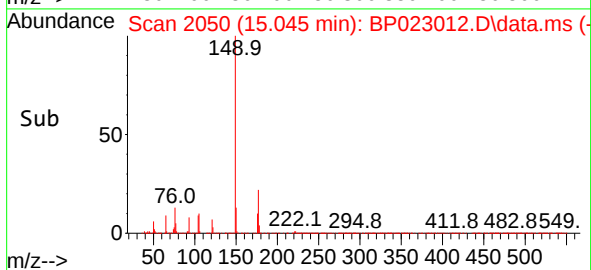
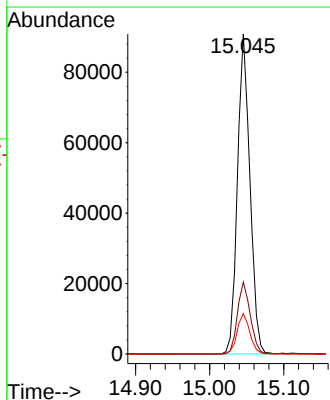
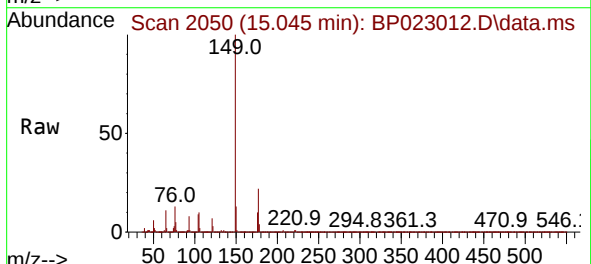
Manual Integrations
APPROVED

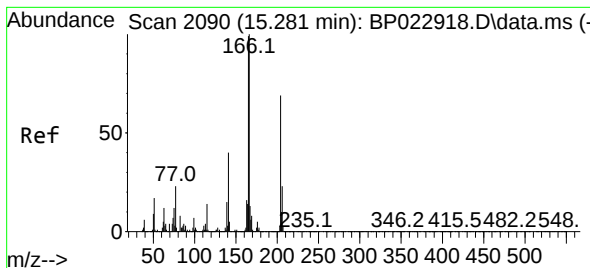
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/12/2024



#60
Diethylphthalate
Concen: 8.386 ng
RT: 15.045 min Scan# 2050
Delta R.T. -0.023 min
Lab File: BP023012.D
Acq: 11 Nov 2024 13:36

Tgt Ion:149 Resp: 106042
Ion Ratio Lower Upper
149 100
177 22.4 18.9 28.3
150 12.6 10.3 15.5





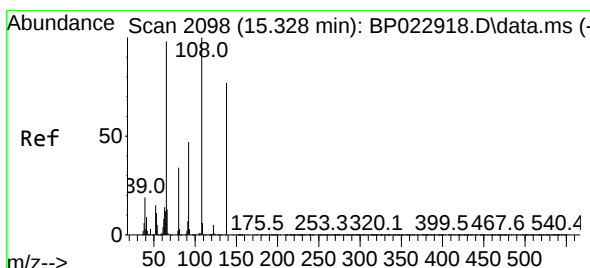
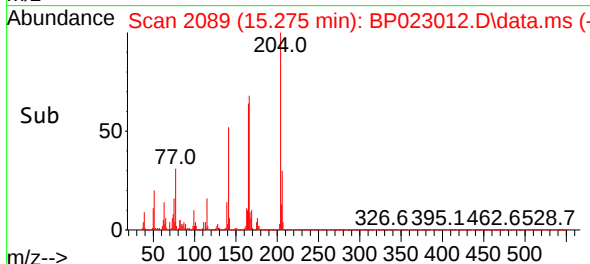
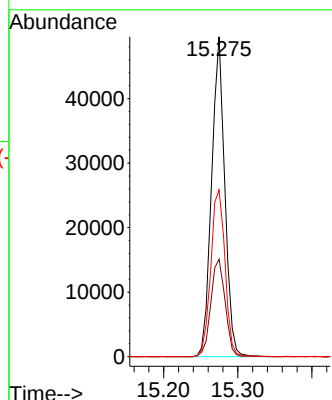
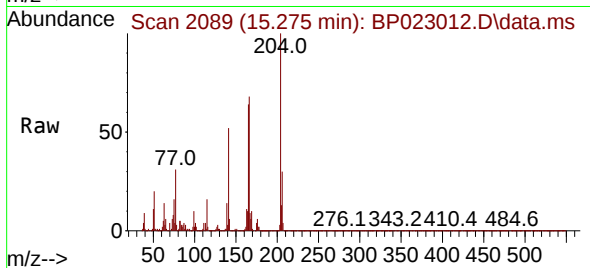
#61
4-Chlorophenyl-phenylether
Concen: 8.286 ng
RT: 15.275 min Scan# 2090
Delta R.T. -0.006 min
Lab File: BP023012.D
Acq: 11 Nov 2024 13:36

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

Tgt Ion:204 Resp: 6130
Ion Ratio Lower Upper
204 100
206 30.5 26.8 40.2
141 52.1 46.2 69.4

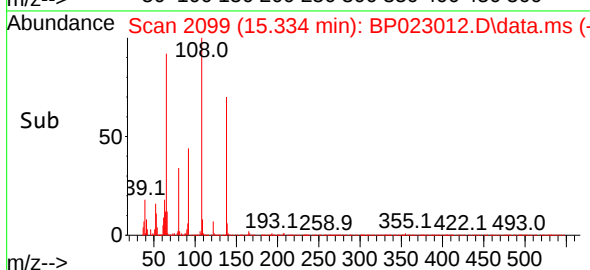
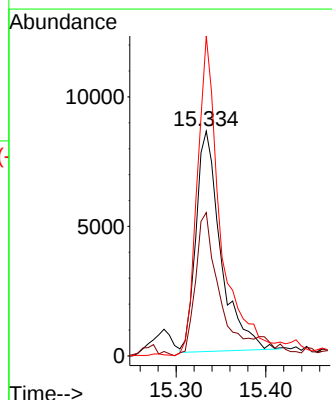
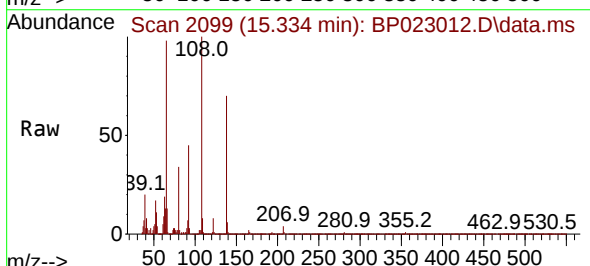
Manual Integrations
APPROVED

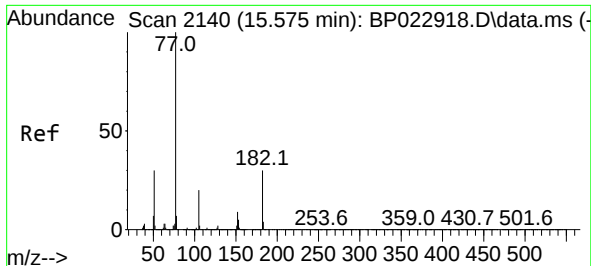
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/12/2024



#62
4-Nitroaniline
Concen: 6.768 ng
RT: 15.334 min Scan# 2099
Delta R.T. 0.006 min
Lab File: BP023012.D
Acq: 11 Nov 2024 13:36

Tgt Ion:138 Resp: 16311
Ion Ratio Lower Upper
138 100
92 63.8 41.9 81.9
108 142.3 109.3 149.3





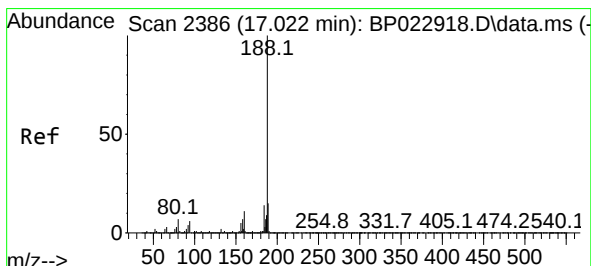
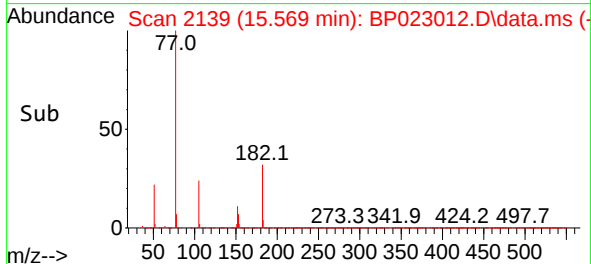
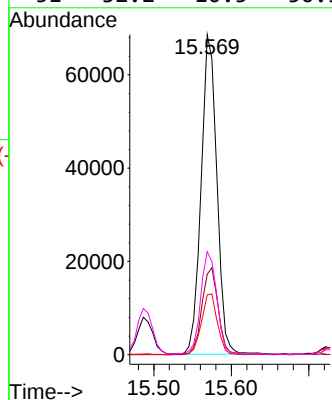
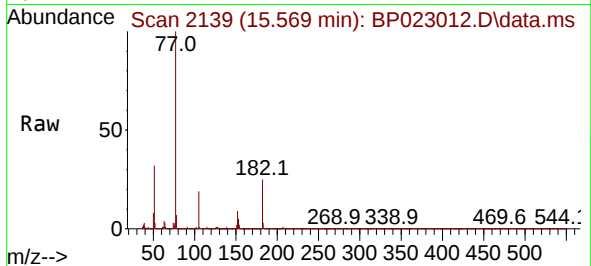
#63
Azobenzene
Concen: 8.900 ng
RT: 15.569 min Scan# 2140
Delta R.T. -0.006 min
Lab File: BP023012.D
Acq: 11 Nov 2024 13:36

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

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.1	9.9	49.9
105	18.7	0.0	39.9
51	32.2	10.5	50.5

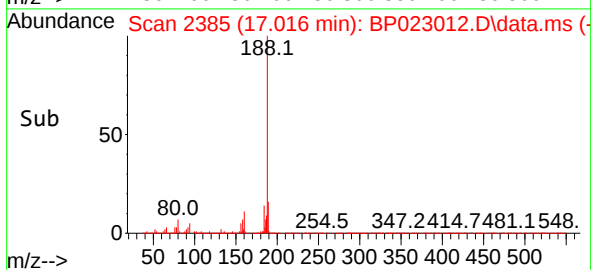
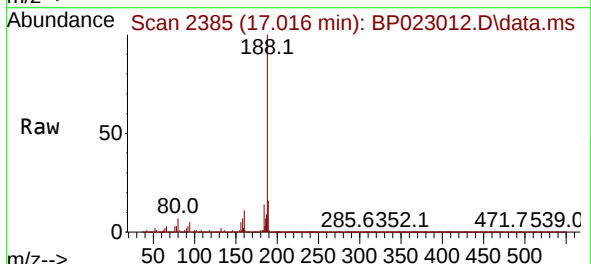
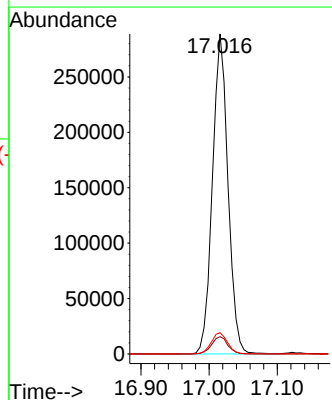
Manual Integrations
APPROVED

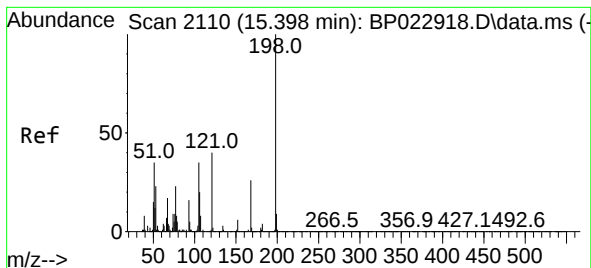
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/12/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.016 min Scan# 2385
Delta R.T. -0.006 min
Lab File: BP023012.D
Acq: 11 Nov 2024 13:36

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.4	4.8	7.2
80	6.6	5.9	8.9





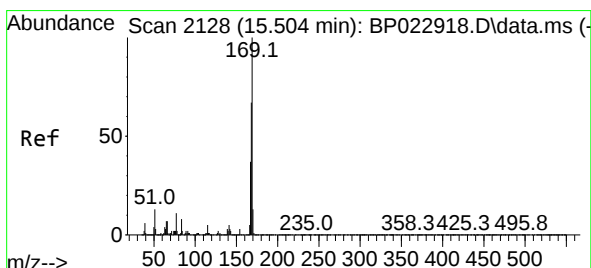
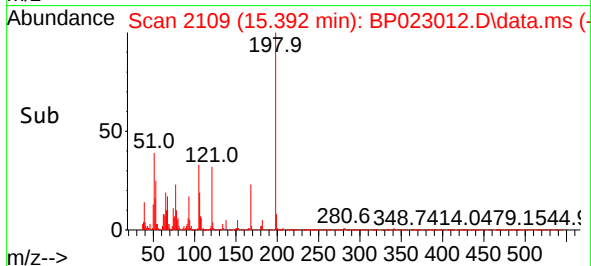
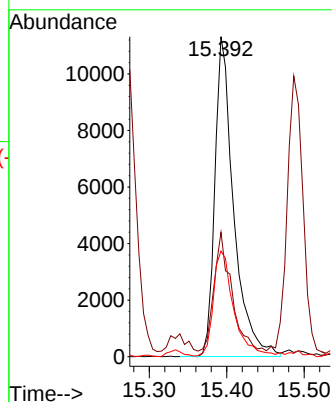
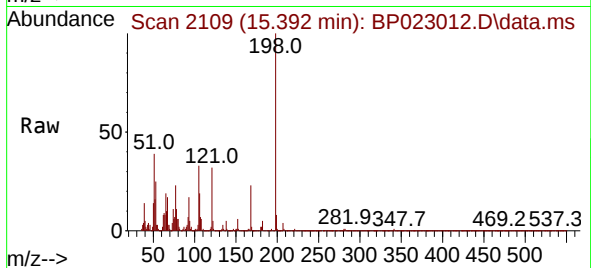
#65
4,6-Dinitro-2-methylphenol
Concen: 6.873 ng
RT: 15.392 min Scan# 2110
Delta R.T. -0.006 min
Lab File: BP023012.D
Acq: 11 Nov 2024 13:36

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

Tgt Ion:198 Resp: 19130
Ion Ratio Lower Upper
198 100
51 38.9 17.4 57.4
105 33.0 15.4 55.4

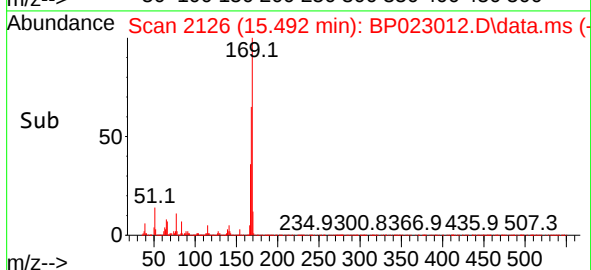
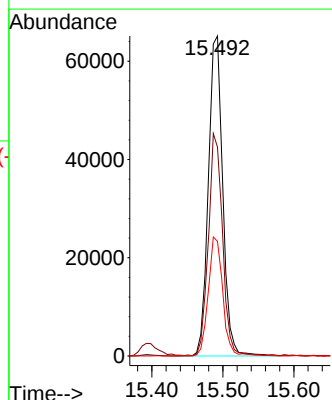
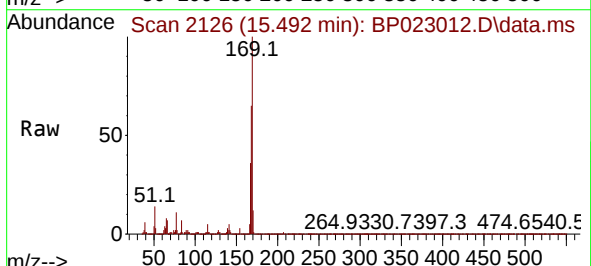
Manual Integrations
APPROVED

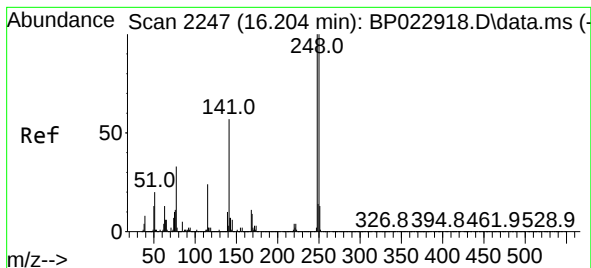
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/12/2024



#66
n-Nitrosodiphenylamine
Concen: 8.130 ng
RT: 15.492 min Scan# 2126
Delta R.T. -0.012 min
Lab File: BP023012.D
Acq: 11 Nov 2024 13:36

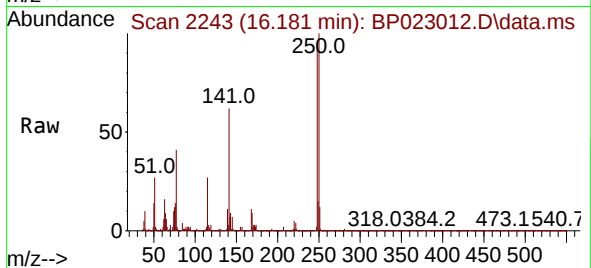
Tgt Ion:169 Resp: 91986
Ion Ratio Lower Upper
169 100
168 65.3 53.9 80.9
167 35.8 29.4 44.0





#67
4-Bromophenyl-phenylether
Concen: 7.879 ng
RT: 16.181 min Scan# 2247
Delta R.T. -0.023 min
Lab File: BP023012.D
Acq: 11 Nov 2024 13:36

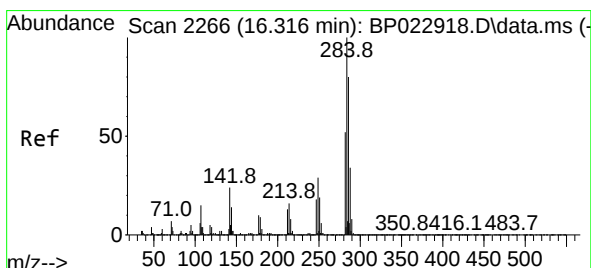
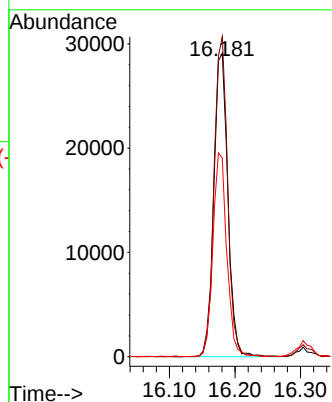
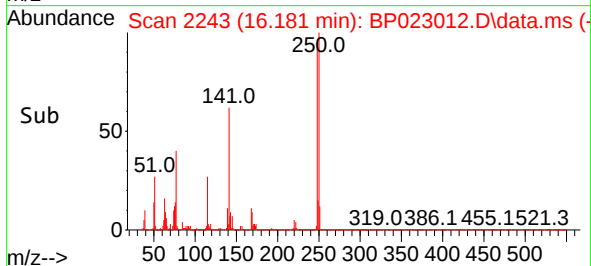
Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT4-2024



Tgt Ion: 248 Resp: 43240
Ion Ratio Lower Upper
248 100
250 105.5 79.8 119.6
141 65.5 45.2 67.8

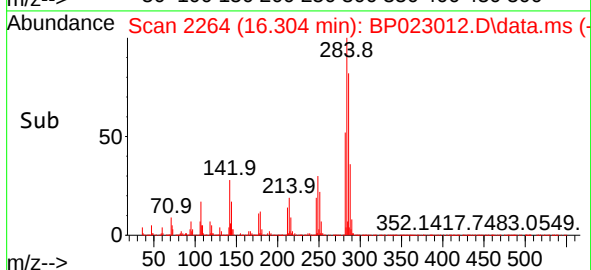
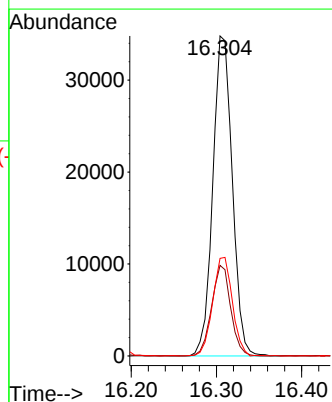
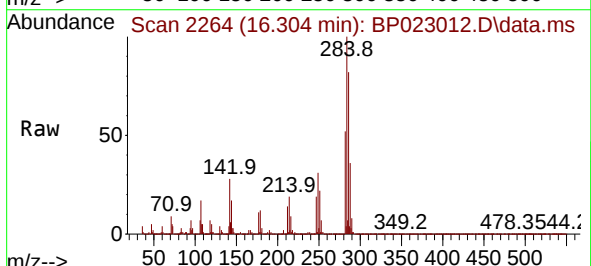
Manual Integrations
APPROVED

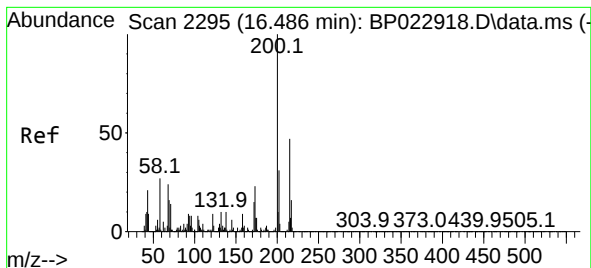
Reviewed By : Yogesh Patel 11/12/2024
Supervised By : mohammad ahmed 11/12/2024



#68
Hexachlorobenzene
Concen: 7.875 ng
RT: 16.304 min Scan# 2264
Delta R.T. -0.012 min
Lab File: BP023012.D
Acq: 11 Nov 2024 13:36

Tgt Ion: 284 Resp: 55364
Ion Ratio Lower Upper
284 100
142 28.3 19.0 28.4
249 30.5 23.0 34.6





#69

Atrazine

Concen: 10.480 ng

RT: 16.469 min Scan# 21

Delta R.T. -0.017 min

Lab File: BP023012.D

Acq: 11 Nov 2024 13:36

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT4-2024

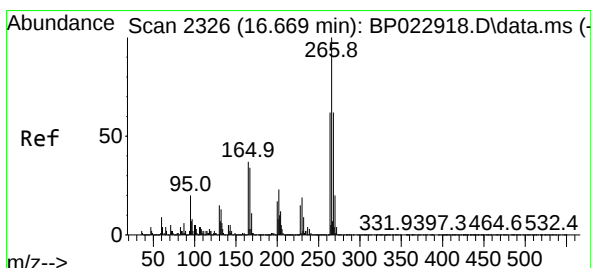
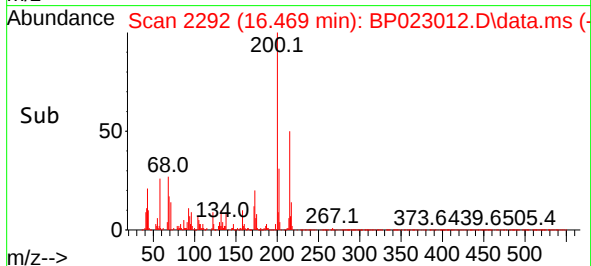
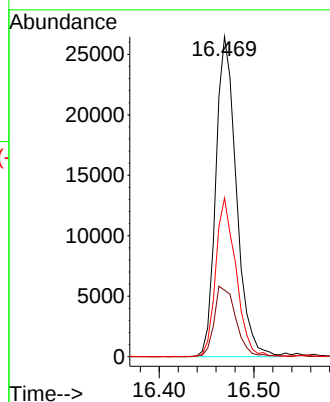
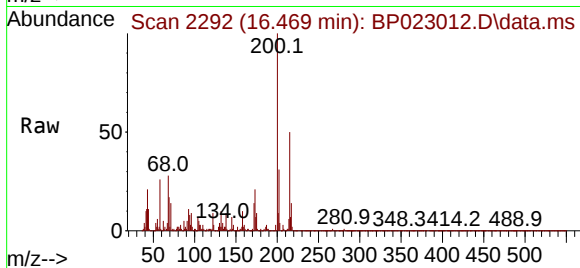
Tgt Ion:200 Resp: 39960
 Ion Ratio Lower Upper
 200 100
 173 20.8 2.7 42.7
 215 49.6 27.1 67.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/12/2024

Supervised By :mohammad ahmed 11/12/2024



#70

Pentachlorophenol

Concen: 6.451 ng

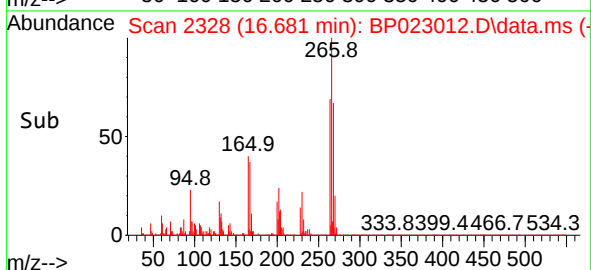
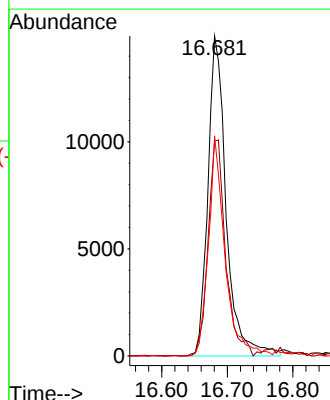
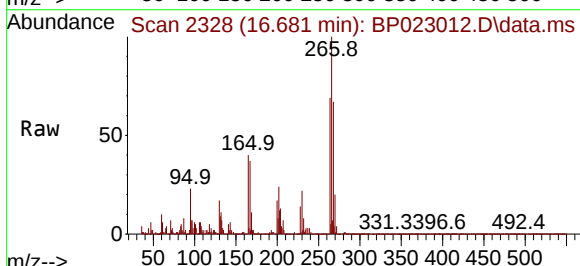
RT: 16.681 min Scan# 2328

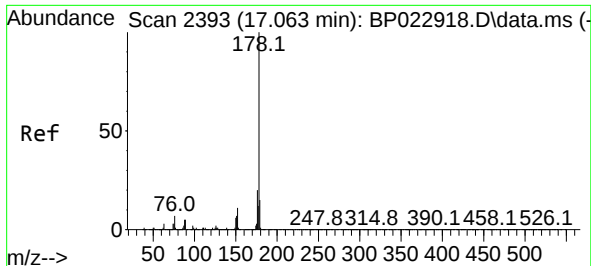
Delta R.T. 0.012 min

Lab File: BP023012.D

Acq: 11 Nov 2024 13:36

Tgt Ion:266 Resp: 28965
 Ion Ratio Lower Upper
 266 100
 268 70.9 49.9 74.9
 264 68.8 49.7 74.5





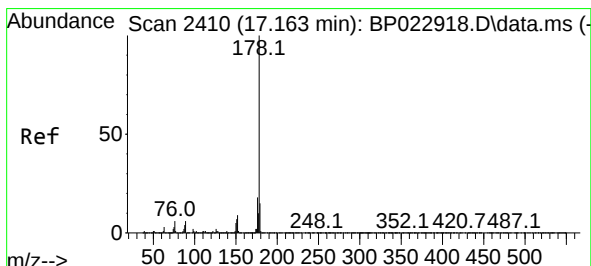
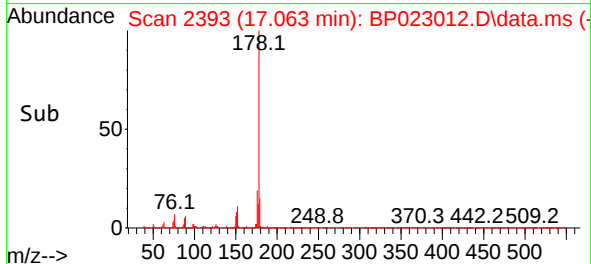
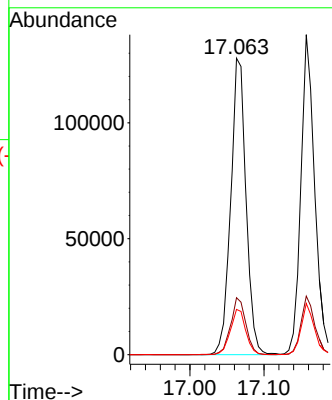
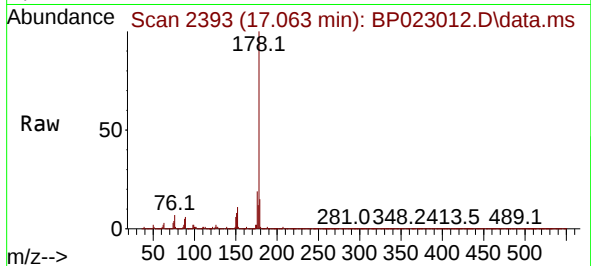
#71
Phenanthrene
Concen: 8.293 ng
RT: 17.063 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP023012.D
Acq: 11 Nov 2024 13:36

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

Tgt Ion:178 Resp: 18366
Ion Ratio Lower Upper
178 100
176 19.2 15.6 23.4
179 15.3 12.0 18.0

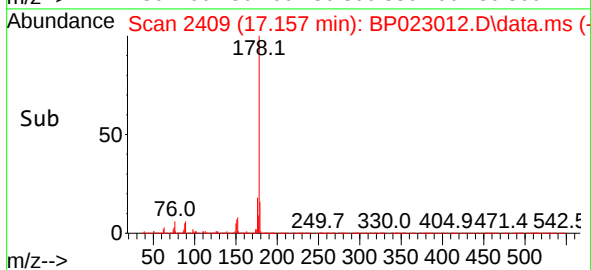
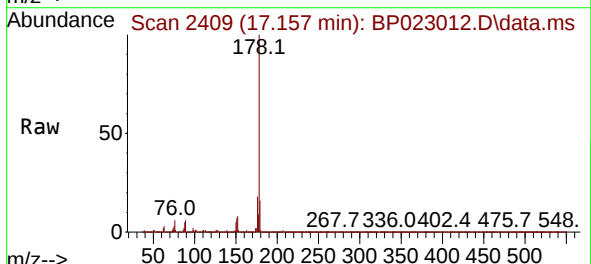
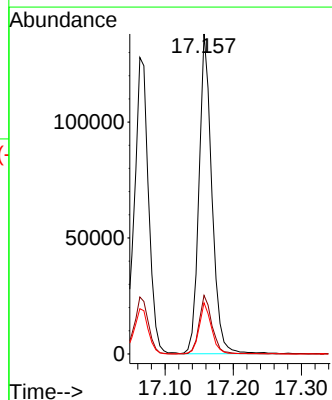
Manual Integrations
APPROVED

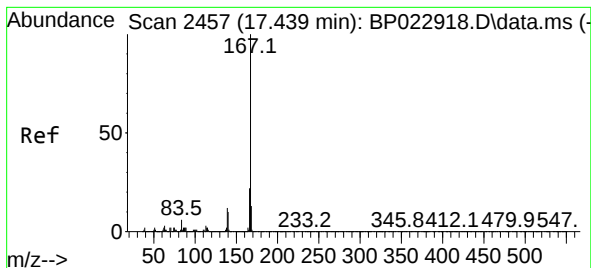
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/12/2024



#72
Anthracene
Concen: 8.526 ng
RT: 17.157 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BP023012.D
Acq: 11 Nov 2024 13:36

Tgt Ion:178 Resp: 181219
Ion Ratio Lower Upper
178 100
176 18.3 14.6 22.0
179 16.0 12.3 18.5





#73

Carbazole

Concen: 8.036 ng

RT: 17.451 min Scan# 2457

Delta R.T. 0.012 min

Lab File: BP023012.D

Acq: 11 Nov 2024 13:36

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT4-2024

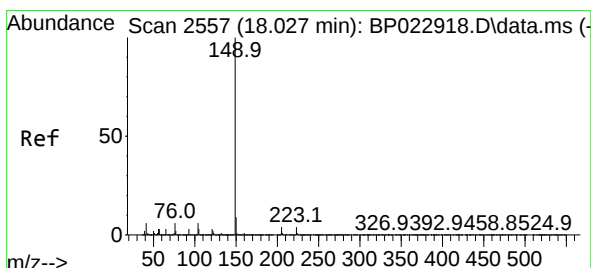
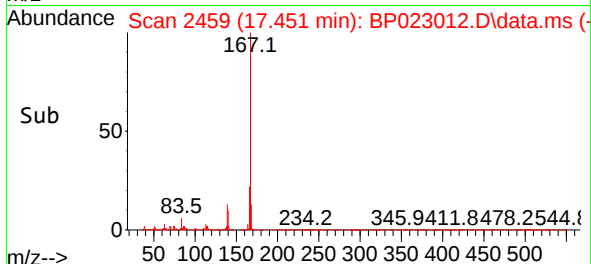
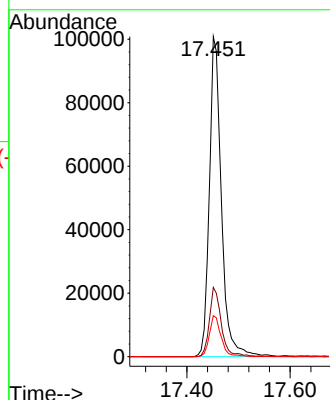
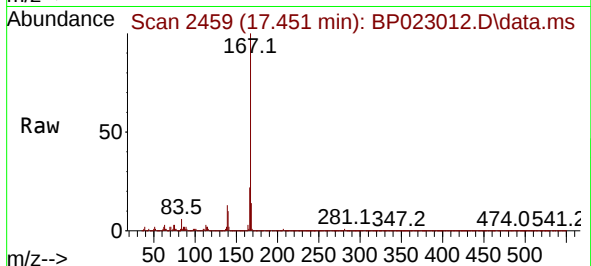
Tgt Ion:	167	Resp:	16313
Ion Ratio	Lower	Upper	
167	100		
166	21.6	17.4	26.2
139	12.8	10.0	15.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/12/2024

Supervised By :mohammad ahmed 11/12/2024



#74

Di-n-butylphthalate

Concen: 7.664 ng

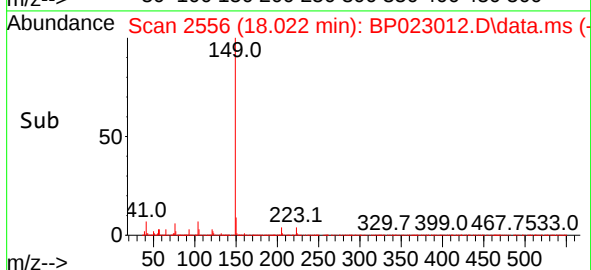
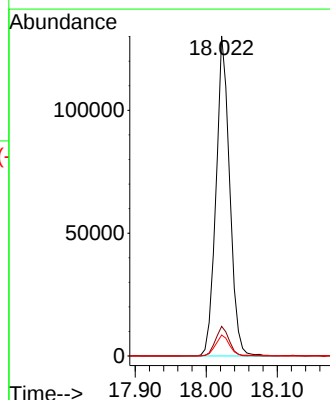
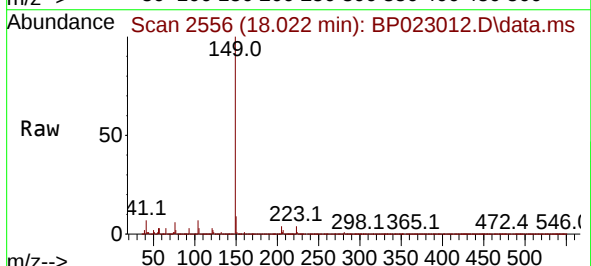
RT: 18.022 min Scan# 2556

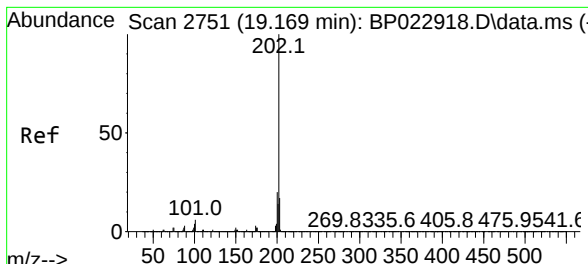
Delta R.T. -0.006 min

Lab File: BP023012.D

Acq: 11 Nov 2024 13:36

Tgt Ion:	149	Resp:	173388
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.2	10.8
104	6.6	4.8	7.2



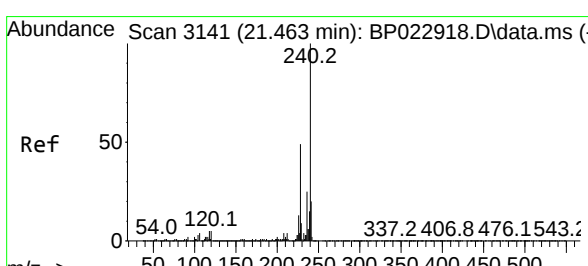
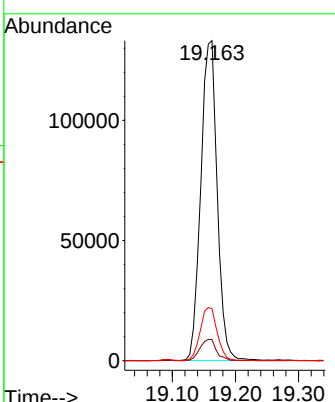
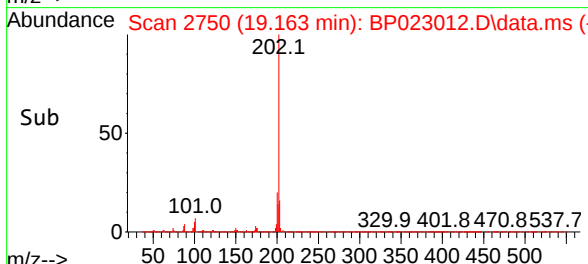
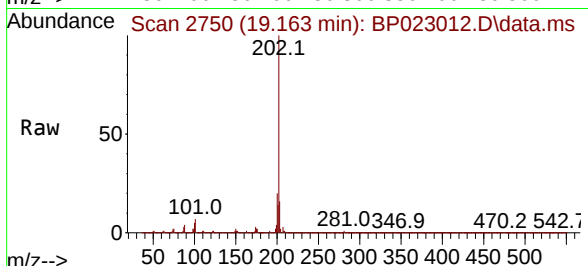


#75
 Fluoranthene
 Concen: 7.819 ng
 RT: 19.163 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP023012.D
 Acq: 11 Nov 2024 13:36

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

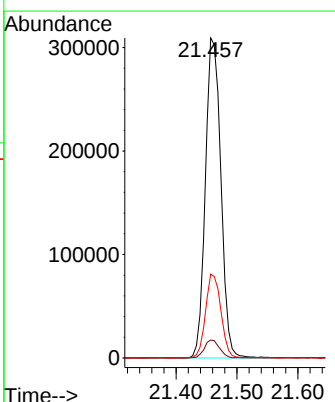
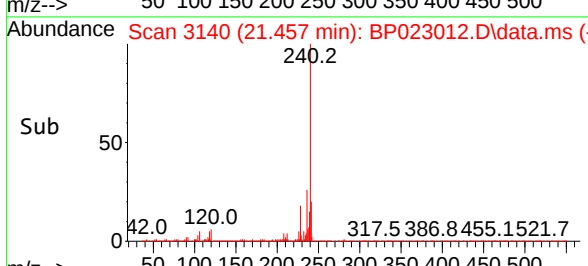
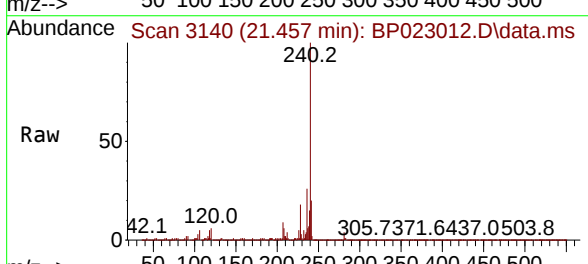
Tgt Ion:	202	Resp:	240240
Ion Ratio	Lower	Upper	
202	100		
101	6.6	0.0	25.5
203	16.3	0.0	37.2

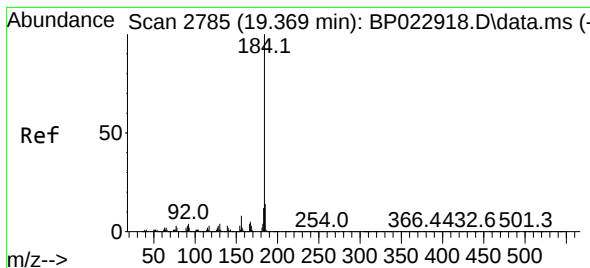
Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel 11/12/2024
 Supervised By :mohammad ahmed 11/12/2024



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.457 min Scan# 3140
 Delta R.T. -0.006 min
 Lab File: BP023012.D
 Acq: 11 Nov 2024 13:36

Tgt Ion:	240	Resp:	547682
Ion Ratio	Lower	Upper	
240	100		
120	5.6	4.2	6.2
236	26.2	20.4	30.6





#77

Benzidine

Concen: 9.477 ng

RT: 19.369 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP023012.D

Acq: 11 Nov 2024 13:36

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT4-2024

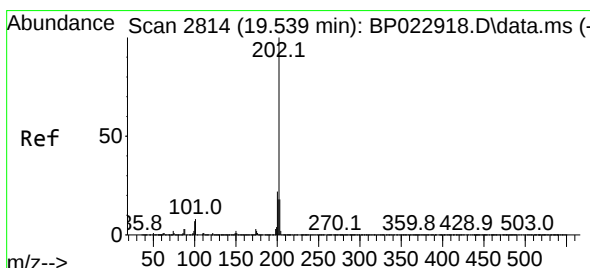
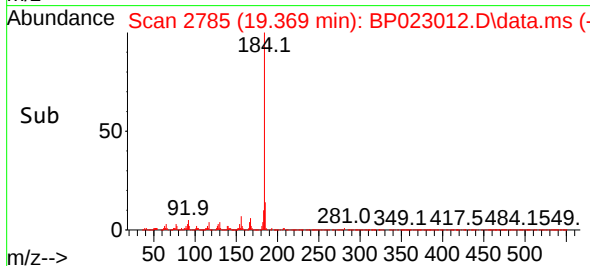
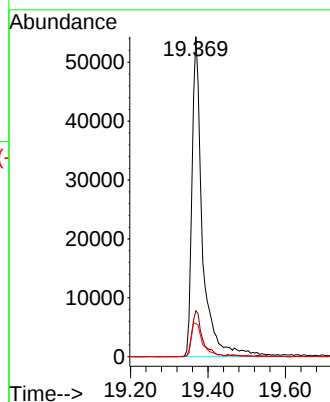
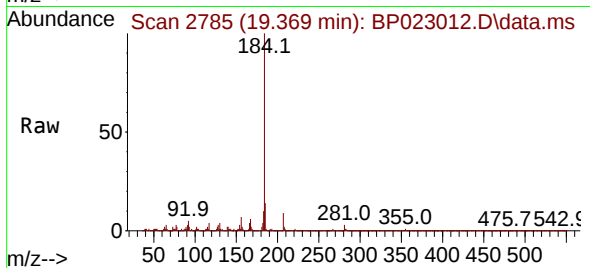
Tgt Ion:184 Resp: 102554
 Ion Ratio Lower Upper
 184 100
 185 14.3 11.3 16.9
 183 10.4 9.7 14.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/12/2024

Supervised By :mohammad ahmed 11/12/2024



#78

Pyrene

Concen: 7.902 ng

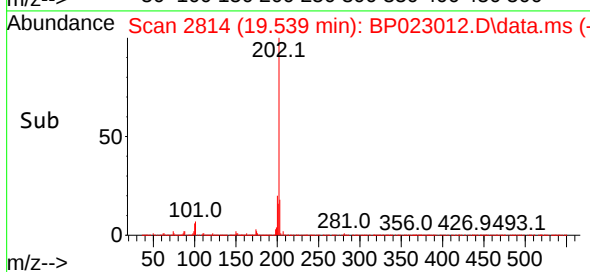
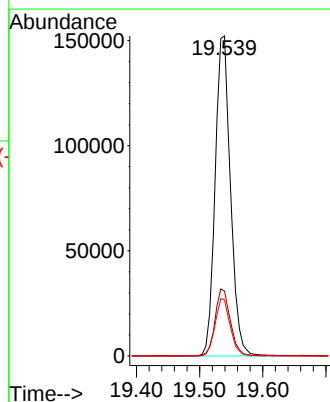
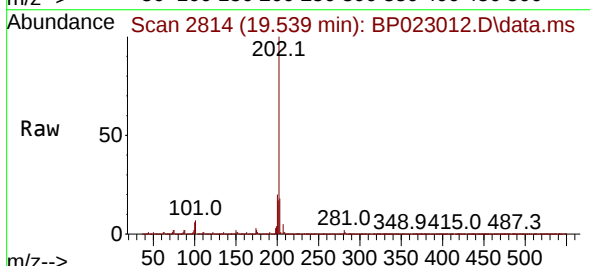
RT: 19.539 min Scan# 2814

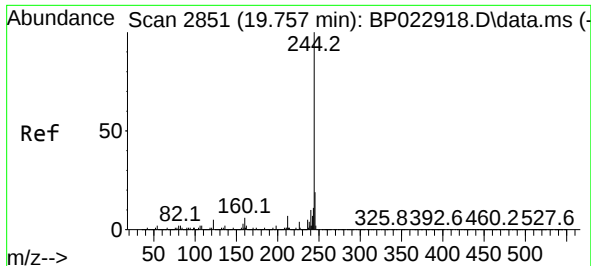
Delta R.T. 0.000 min

Lab File: BP023012.D

Acq: 11 Nov 2024 13:36

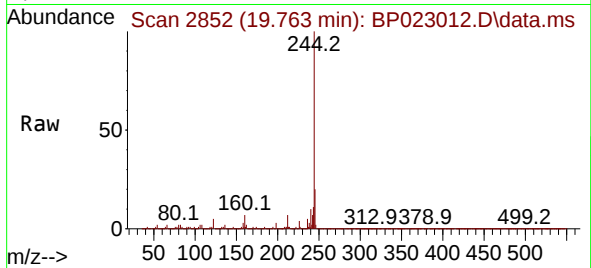
Tgt Ion:202 Resp: 256167
 Ion Ratio Lower Upper
 202 100
 200 20.3 17.4 26.0
 203 17.5 14.2 21.2





#79
 Terphenyl-d14
 Concen: 90.673 ng
 RT: 19.763 min Scan# 2851
 Delta R.T. 0.006 min
 Lab File: BP023012.D
 Acq: 11 Nov 2024 13:36

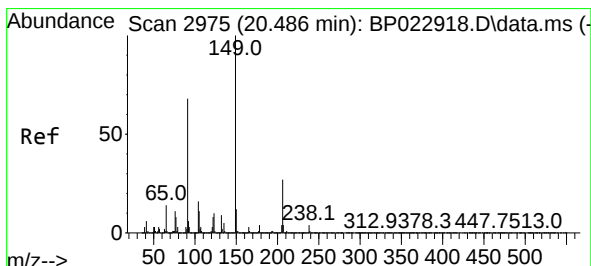
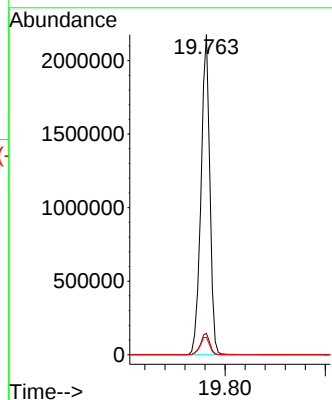
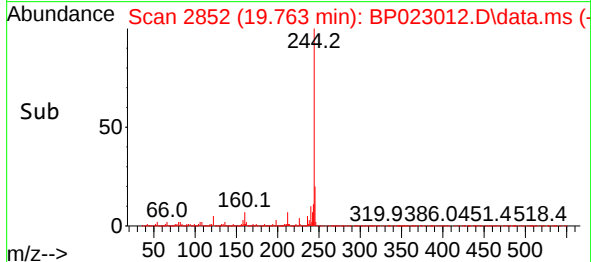
Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-03-QT4-2024



Tgt Ion:244 Resp: 264426
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.5 8.3
 122 5.4 4.4 6.6

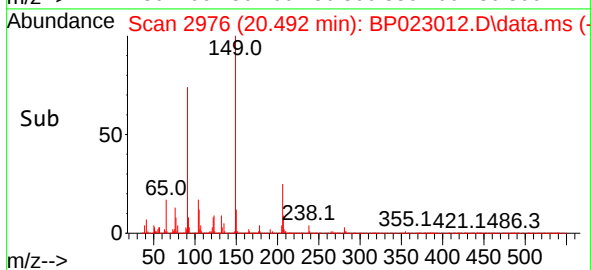
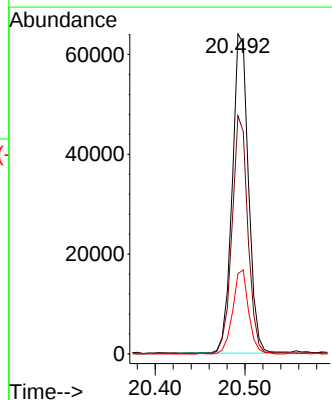
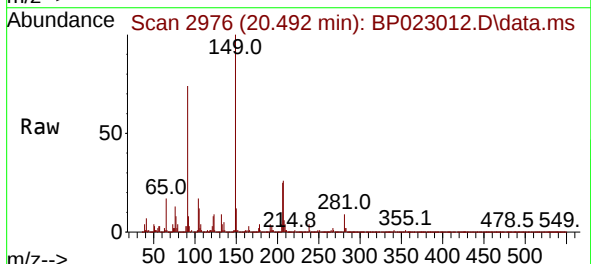
Manual Integrations
 APPROVED

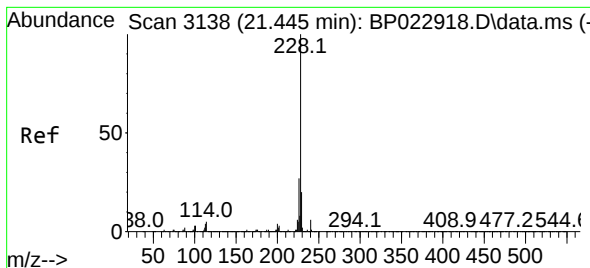
Reviewed By :Yogesh Patel 11/12/2024
 Supervised By :mohammad ahmed 11/12/2024



#80
 Butylbenzylphthalate
 Concen: 7.274 ng
 RT: 20.492 min Scan# 2976
 Delta R.T. 0.006 min
 Lab File: BP023012.D
 Acq: 11 Nov 2024 13:36

Tgt Ion:149 Resp: 80399
 Ion Ratio Lower Upper
 149 100
 91 74.4 54.6 82.0
 206 25.1 21.3 31.9





#81

Benzo(a)anthracene

Concen: 8.351 ng

RT: 21.439 min Scan# 3138

Delta R.T. -0.006 min

Lab File: BP023012.D

Acq: 11 Nov 2024 13:36

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT4-2024

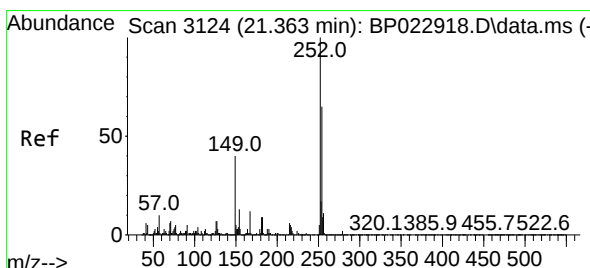
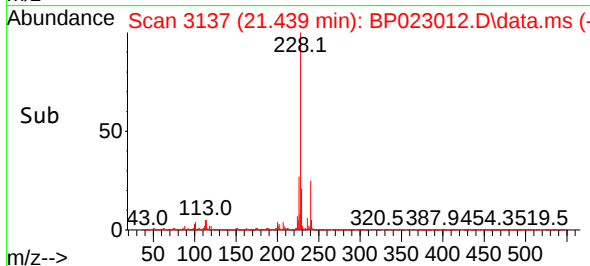
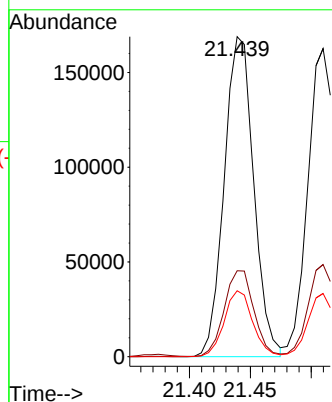
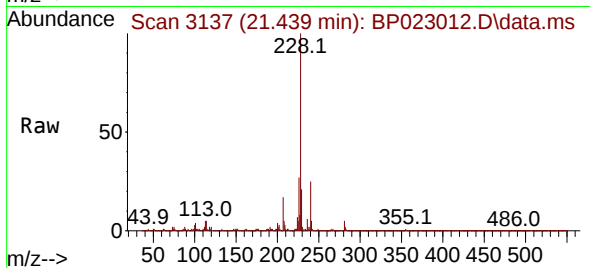
Tgt Ion:	228	Resp:	284624
Ion Ratio	Lower	Upper	
228	100		
226	26.9	21.8	32.6
229	20.6	16.0	24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/12/2024

Supervised By :mohammad ahmed 11/12/2024



#82

3,3'-Dichlorobenzidine

Concen: 7.761 ng

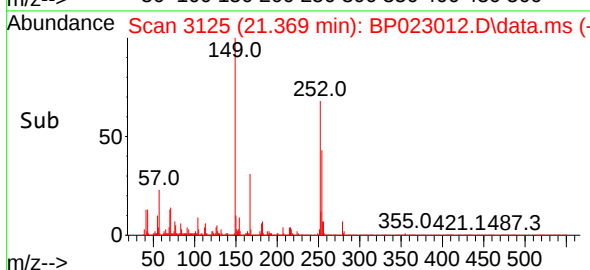
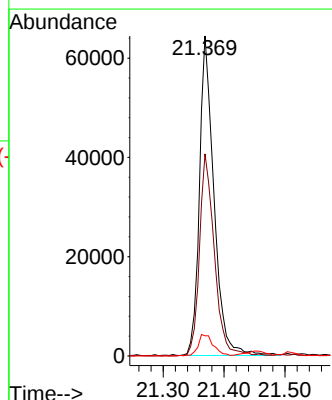
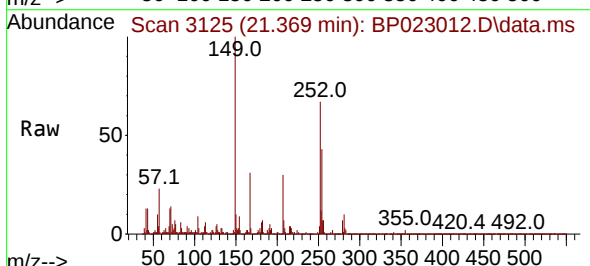
RT: 21.369 min Scan# 3125

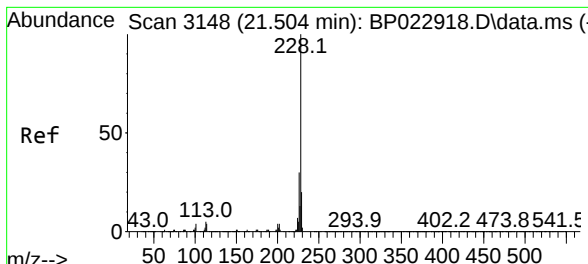
Delta R.T. 0.006 min

Lab File: BP023012.D

Acq: 11 Nov 2024 13:36

Tgt Ion:	252	Resp:	107069
Ion Ratio	Lower	Upper	
252	100		
254	63.1	51.7	77.5
126	6.3	5.4	8.0





#83

Chrysene

Concen: 8.649 ng

RT: 21.510 min Scan# 3149

Delta R.T. 0.006 min

Lab File: BP023012.D

Acq: 11 Nov 2024 13:36

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT4-2024

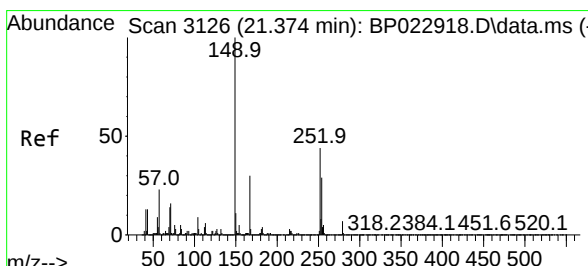
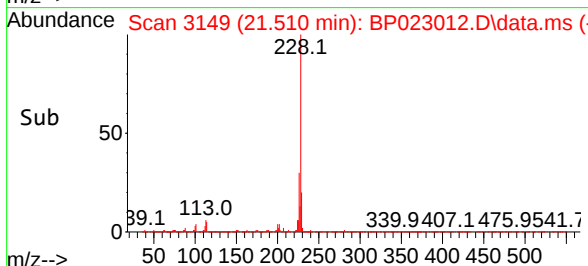
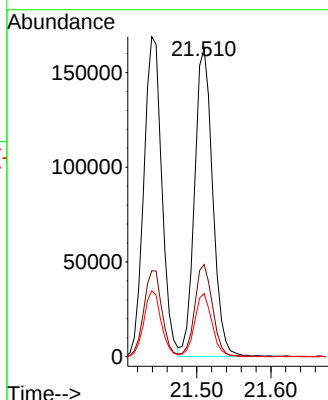
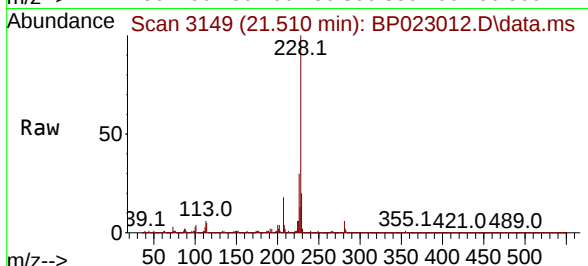
Tgt Ion:	228	Resp:	27609
Ion Ratio	Lower	Upper	
228	100		
226	29.9	23.8	35.6
229	20.5	15.8	23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/12/2024

Supervised By :mohammad ahmed 11/12/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 7.646 ng

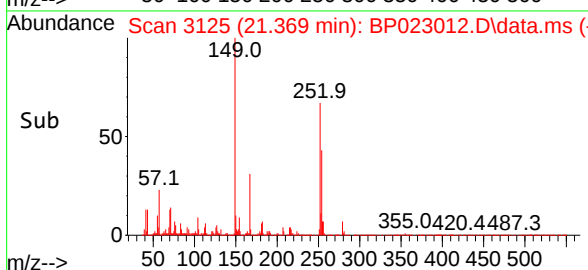
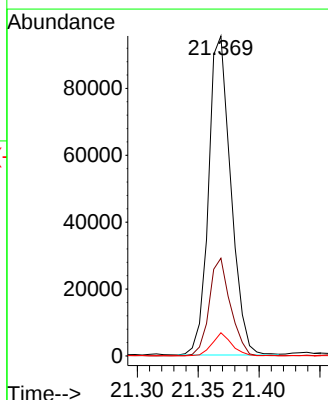
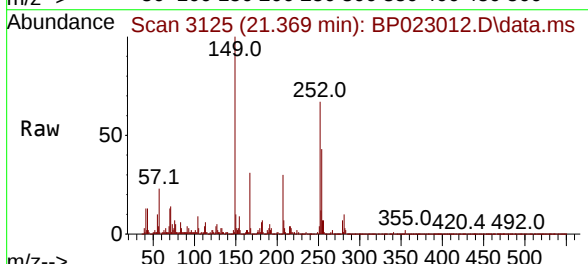
RT: 21.369 min Scan# 3125

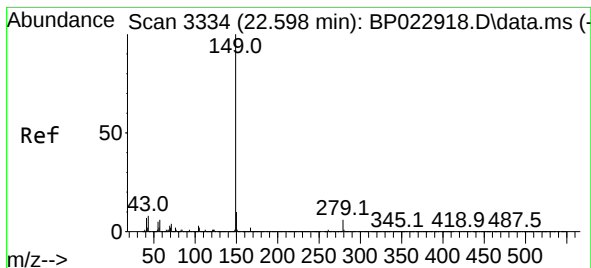
Delta R.T. -0.006 min

Lab File: BP023012.D

Acq: 11 Nov 2024 13:36

Tgt Ion:	149	Resp:	121287
Ion Ratio	Lower	Upper	
149	100		
167	30.6	23.7	35.5
279	7.2	5.3	7.9





#85

Di-n-octyl phthalate

Concen: 7.665 ng

RT: 22.604 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP023012.D

Acq: 11 Nov 2024 13:36

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT4-2024

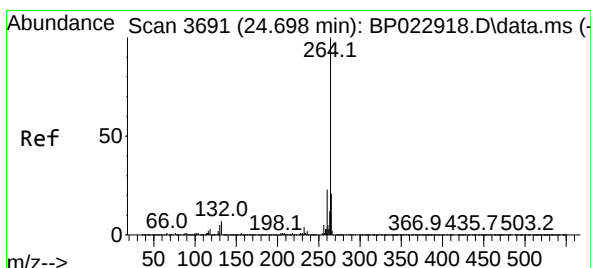
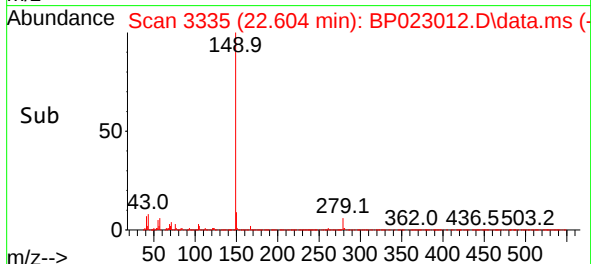
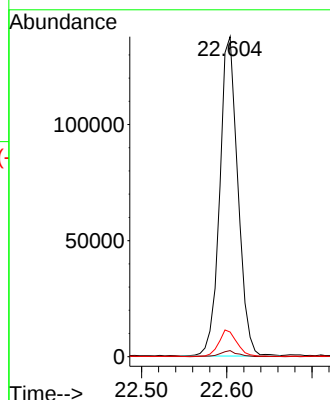
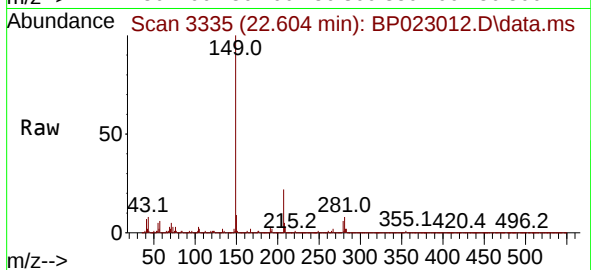
Tgt Ion:	149	Resp:	20320
Ion Ratio	Lower	Upper	
149	100		
167	1.9	1.4	2.0
43	8.3	6.3	9.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/12/2024

Supervised By :mohammad ahmed 11/12/2024



#86

Perylene-d12

Concen: 20.000 ng

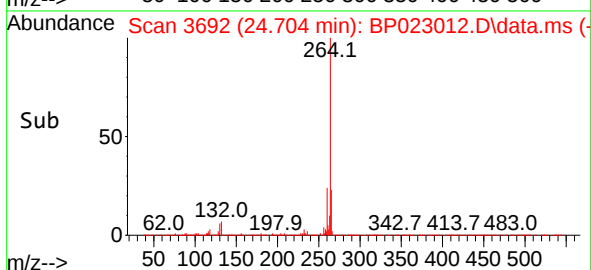
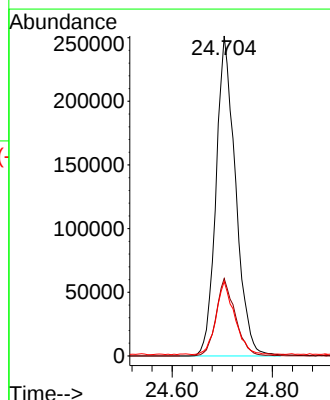
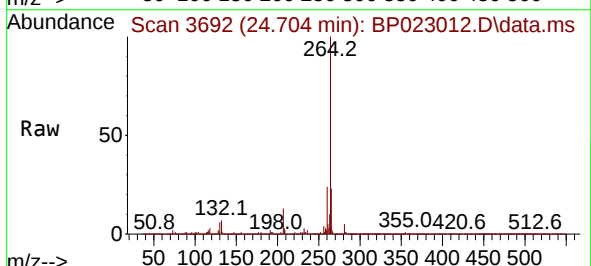
RT: 24.704 min Scan# 3692

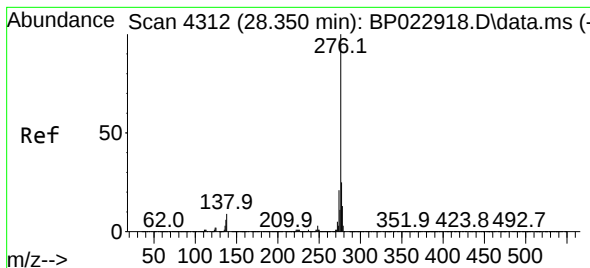
Delta R.T. 0.006 min

Lab File: BP023012.D

Acq: 11 Nov 2024 13:36

Tgt Ion:	264	Resp:	679415
Ion Ratio	Lower	Upper	
264	100		
260	24.2	18.6	28.0
265	23.3	17.4	26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 8.445 ng

RT: 28.380 min Scan# 4312

Delta R.T. 0.030 min

Lab File: BP023012.D

Acq: 11 Nov 2024 13:36

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT4-2024

Tgt Ion:276 Resp: 386990

Ion Ratio Lower Upper

276 100

138 5.6 8.7 13.1

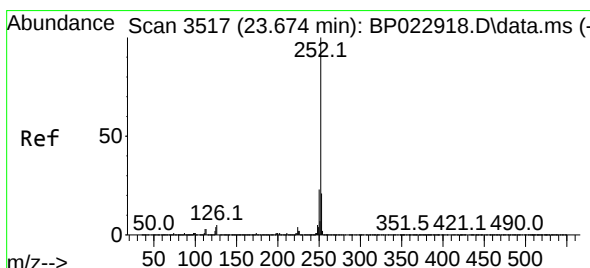
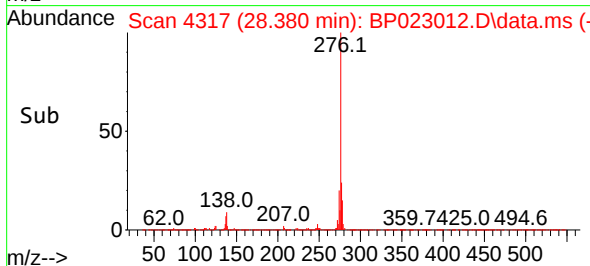
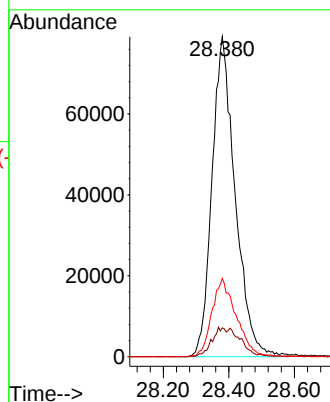
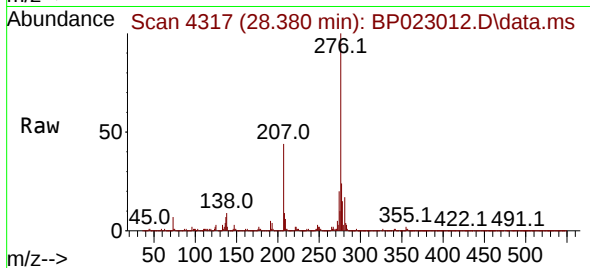
277 25.7 20.3 30.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/12/2024

Supervised By :mohammad ahmed 11/12/2024



#88

Benzo(b)fluoranthene

Concen: 8.072 ng

RT: 23.680 min Scan# 3518

Delta R.T. 0.006 min

Lab File: BP023012.D

Acq: 11 Nov 2024 13:36

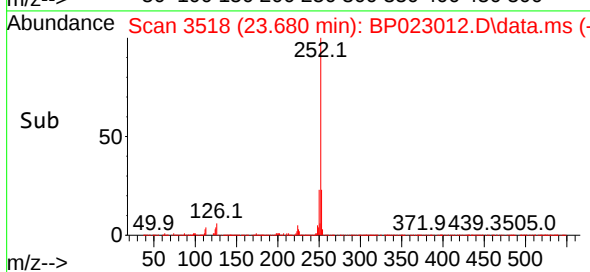
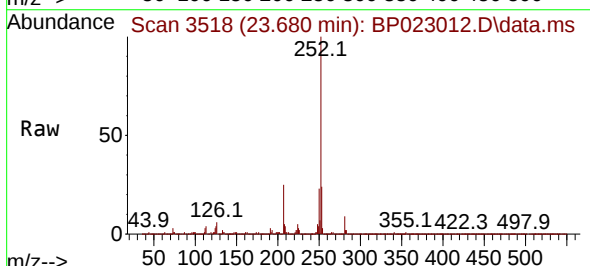
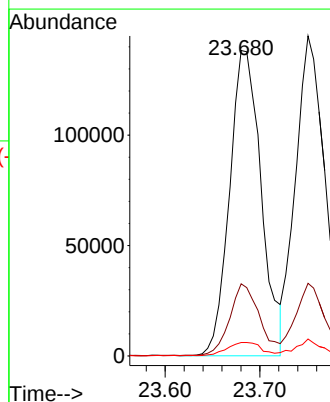
Tgt Ion:252 Resp: 322196

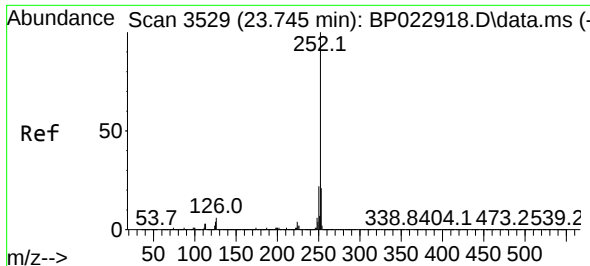
Ion Ratio Lower Upper

252 100

253 23.7 16.8 25.2

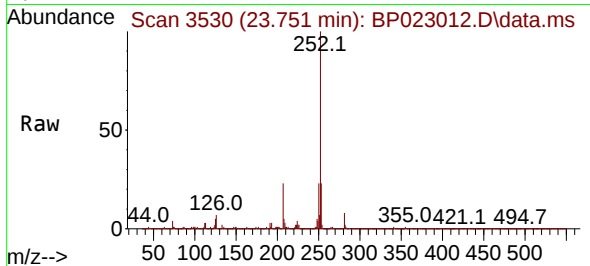
125 4.4 3.2 4.8





#89
Benzo(k)fluoranthene
Concen: 8.377 ng m
RT: 23.751 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP023012.D
Acq: 11 Nov 2024 13:36

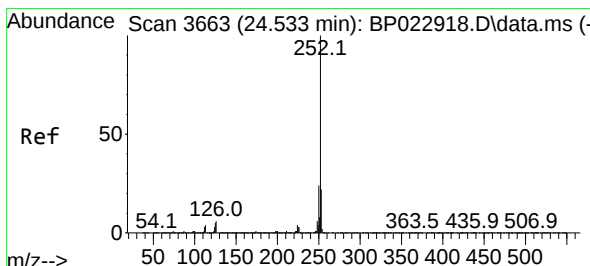
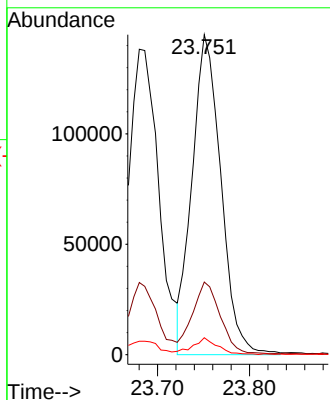
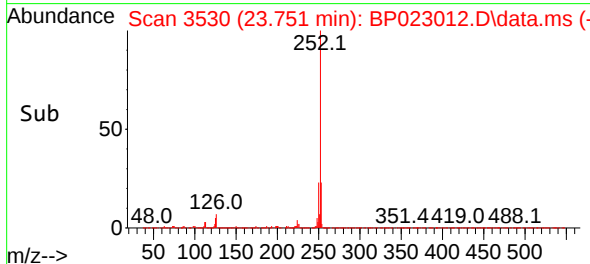
Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT4-2024



Tgt Ion:252 Resp: 315734
Ion Ratio Lower Upper
252 100
253 22.7 17.0 25.6
125 5.3 3.4 5.2

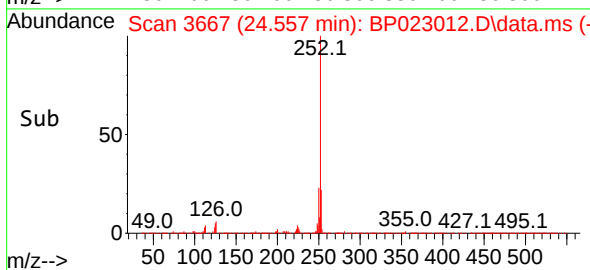
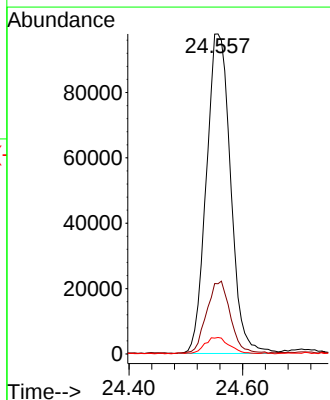
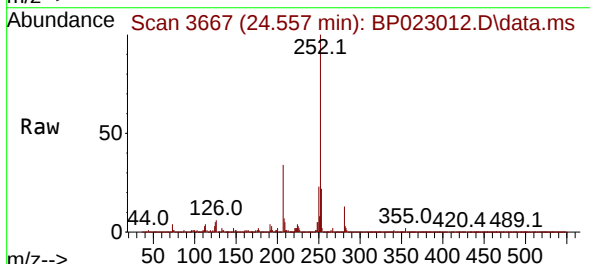
Manual Integrations
APPROVED

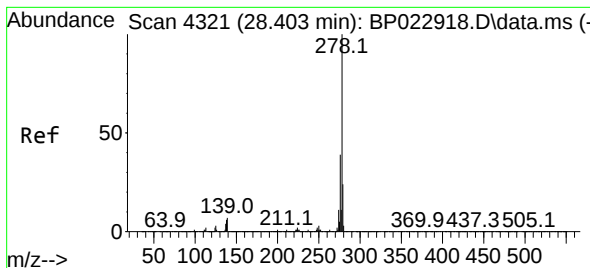
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/12/2024



#90
Benzo(a)pyrene
Concen: 8.486 ng
RT: 24.557 min Scan# 3667
Delta R.T. 0.024 min
Lab File: BP023012.D
Acq: 11 Nov 2024 13:36

Tgt Ion:252 Resp: 289834
Ion Ratio Lower Upper
252 100
253 21.9 17.7 26.5
125 5.1 4.0 6.0





#91

Dibenzo(a,h)anthracene

Concen: 8.504 ng

RT: 28.433 min Scan# 41

Delta R.T. 0.030 min

Lab File: BP023012.D

Acq: 11 Nov 2024 13:36

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT4-2024

Tgt Ion:278 Resp: 31955

Ion Ratio Lower Upper

278 100

139 7.6 5.4 8.2

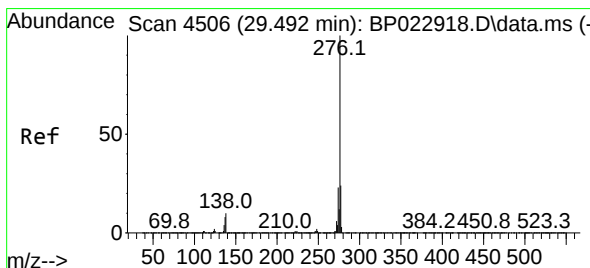
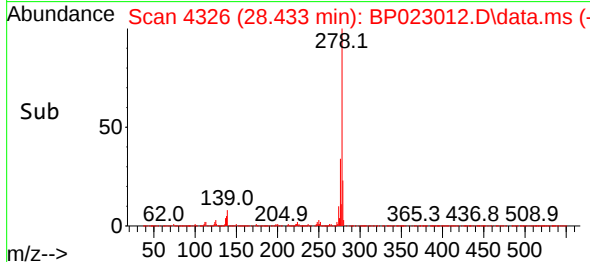
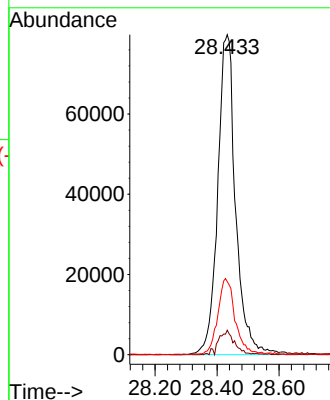
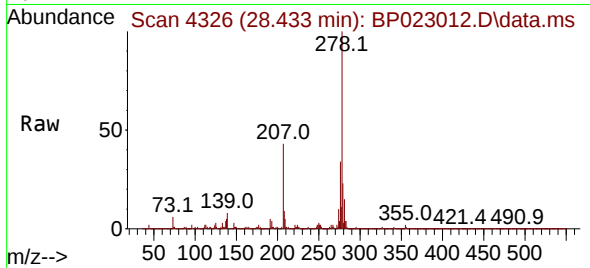
279 22.8 19.3 28.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/12/2024

Supervised By :mohammad ahmed 11/12/2024



#92

Benzo(g,h,i)perylene

Concen: 7.677 ng

RT: 29.515 min Scan# 4510

Delta R.T. 0.024 min

Lab File: BP023012.D

Acq: 11 Nov 2024 13:36

Tgt Ion:276 Resp: 295621

Ion Ratio Lower Upper

276 100

277 22.8 18.8 28.2

138 8.9 7.6 11.4

