

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121422\
 Data File : BP013109.D
 Acq On : 14 Dec 2022 17:11
 Operator : CG/JU
 Sample : N4955-09
 Misc : MDL-MDL-WATER-4ng
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-03-QT4-2022

Quant Time: Dec 15 04:06:35 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 15 04:03:43 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/15/2022
 Supervised By :mohammad ahmed 12/17/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	460001	20.000	ng	0.00
21) Naphthalene-d8	10.775	136	1635461	20.000	ng	0.00
39) Acenaphthene-d10	14.598	164	940804	20.000	ng	0.00
64) Phenanthrene-d10	17.357	188	2019564	20.000	ng	0.00
76) Chrysene-d12	21.445	240	2013504	20.000	ng	0.00
86) Perylene-d12	23.927	264	2257399	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.511	112	2392486	95.030	ng	0.00
7) Phenol-d6	7.116	99	2980991	90.667	ng	0.00
23) Nitrobenzene-d5	9.128	82	1997427	66.956	ng	0.00
42) 2,4,6-Tribromophenol	16.092	330	1106183	97.520	ng	0.00
45) 2-Fluorobiphenyl	13.222	172	4705274	67.907	ng	0.00
79) Terphenyl-d14	19.904	244	6894223	67.551	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.375	88	39758	3.564	ng	96
3) Pyridine	3.805	79	91120	2.876	ng	# 91
4) n-Nitrosodimethylamine	3.699	42	46880	3.302	ng	# 89
6) Aniline	7.281	93	139384	3.501	ng	99
8) 2-Chlorophenol	7.516	128	94971	3.200	ng	92
9) Benzaldehyde	7.099	77	82630m	4.189	ng	
10) Phenol	7.140	94	119116	3.237	ng	90
11) bis(2-Chloroethyl)ether	7.381	93	96334	3.251	ng	98
12) 1,3-Dichlorobenzene	7.846	146	115755	3.352	ng	99
13) 1,4-Dichlorobenzene	7.993	146	118349	3.365	ng	99
14) 1,2-Dichlorobenzene	8.316	146	111145	3.330	ng	97
15) Benzyl Alcohol	8.205	79	69511	2.914	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.487	45	140415	3.272	ng	99
17) 2-Methylphenol	8.405	107	67047	2.756	ng	98
18) Hexachloroethane	9.046	117	37812	3.175	ng	96
19) n-Nitroso-di-n-propyla...	8.769	70	60058	2.813	ng	99
20) 3+4-Methylphenols	8.728	107	87847	2.656	ng	96
22) Acetophenone	8.787	105	134182	3.297	ng	# 97
24) Nitrobenzene	9.169	77	107722	3.465	ng	96
25) Isophorone	9.699	82	149306	2.947	ng	99
26) 2-Nitrophenol	9.881	139	33637	2.363	ng	95
27) 2,4-Dimethylphenol	9.940	122	67560	3.151	ng	96
28) bis(2-Chloroethoxy)met...	10.181	93	110734	3.408	ng	98
29) 2,4-Dichlorophenol	10.416	162	70059	2.648	ng	98
30) 1,2,4-Trichlorobenzene	10.634	180	99139	3.175	ng	100
31) Naphthalene	10.822	128	293756	3.280	ng	99
33) 4-Chloroaniline	10.940	127	95933	2.872	ng	97
34) Hexachlorobutadiene	11.104	225	65288	3.277	ng	96
35) Caprolactam	11.716	113	16136m	2.362	ng	
36) 4-Chloro-3-methylphenol	12.051	107	63157	2.556	ng	99
37) 2-Methylnaphthalene	12.428	142	185084	3.073	ng	98
38) 1-Methylnaphthalene	12.646	142	178346	3.041	ng	99
40) 1,2,4,5-Tetrachloroben...	12.793	216	111661	3.327	ng	98
41) Hexachlorocyclopentadiene	12.775	237	47833	2.826	ng	98
43) 2,4,6-Trichlorophenol	13.034	196	53247	2.516	ng	99
44) 2,4,5-Trichlorophenol	13.104	196	60529	2.647	ng	96

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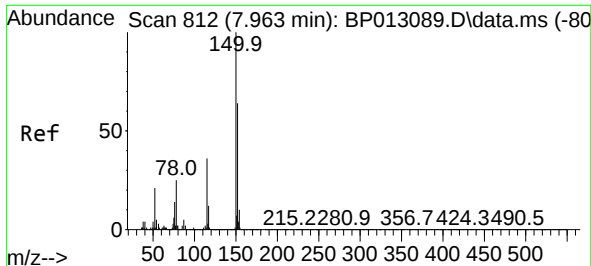
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.434	154	254920	3.427	ng	99
47) 2-Chloronaphthalene	13.481	162	193050	3.265	ng	98
48) 2-Nitroaniline	13.687	65	30773	2.104	ng	88
49) Acenaphthylene	14.322	152	246840	2.838	ng	99
50) Dimethylphthalate	14.051	163	215558	3.132	ng	100
51) 2,6-Dinitrotoluene	14.175	165	32698	2.322	ng	# 85
52) Acenaphthene	14.663	154	172464	3.190	ng	99
53) 3-Nitroaniline	14.504	138	30436	2.120	ng	# 99
55) Dibenzofuran	14.998	168	292796	3.384	ng	99
57) 2,4-Dinitrotoluene	14.963	165	37552	2.133	ng	# 85
58) Fluorene	15.651	166	218760	3.267	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.222	232	50431m	2.580	ng	
60) Diethylphthalate	15.416	149	193418	3.057	ng	100
61) 4-Chlorophenyl-phenyle...	15.645	204	115210	3.324	ng	97
63) Azobenzene	15.934	77	160383	2.728	ng	97
66) n-Nitrosodiphenylamine	15.857	169	173412	2.750	ng	99
67) 4-Bromophenyl-phenylether	16.539	248	66354	2.779	ng	97
68) Hexachlorobenzene	16.657	284	82878	2.964	ng	98
69) Atrazine	16.810	200	53087	3.001	ng	98
70) Pentachlorophenol	17.004	266	33818m	2.054	ng	
71) Phenanthrene	17.398	178	364105	3.168	ng	100
72) Anthracene	17.492	178	311284	2.885	ng	99
73) Carbazole	17.763	167	270362	2.859	ng	99
74) Di-n-butylphthalate	18.304	149	251835	2.421	ng	99
75) Fluoranthene	19.363	202	377210	3.050	ng	100
77) Benzidine	19.539	184	95622	3.343	ng	97
78) Pyrene	19.716	202	402198	2.780	ng	99
80) Butylbenzylphthalate	20.580	149	100599	2.145	ng	95
81) Benzo(a)anthracene	21.427	228	424632	3.085	ng	98
82) 3,3'-Dichlorobenzidine	21.357	252	120388	2.938	ng	98
83) Chrysene	21.480	228	425705	3.171	ng	99
84) Bis(2-ethylhexyl)phtha...	21.339	149	142165	2.228	ng	99
85) Di-n-octyl phthalate	22.292	149	222856	2.080	ng	# 95
87) Indeno(1,2,3-cd)pyrene	26.521	276	486578	2.638	ng	99
88) Benzo(b)fluoranthene	23.163	252	422757	2.909	ng	98
89) Benzo(k)fluoranthene	23.216	252	437191	2.973	ng	98
90) Benzo(a)pyrene	23.816	252	358135	2.936	ng	99
91) Dibenzo(a,h)anthracene	26.539	278	424844	2.771	ng	100
92) Benzo(g,h,i)perylene	27.321	276	422491	2.782	ng	97

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



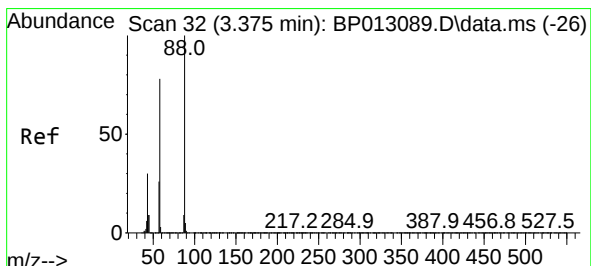
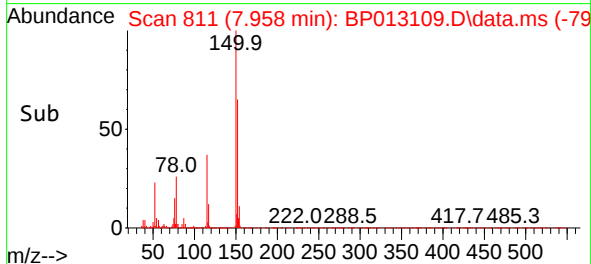
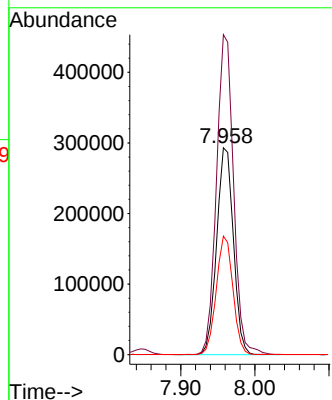
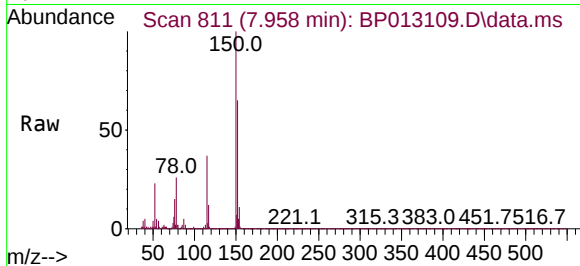
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.958 min Scan# 81
Delta R.T. -0.005 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2022

Tgt Ion:152 Resp: 46000
Ion Ratio Lower Upper
152 100
150 154.7 125.3 187.9
115 57.2 45.6 68.4

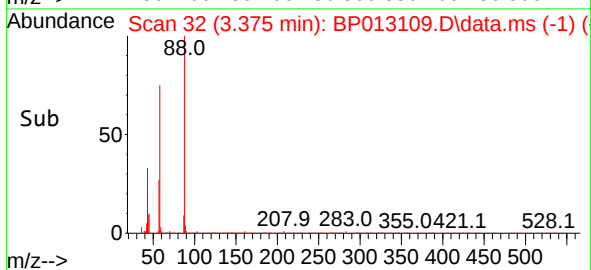
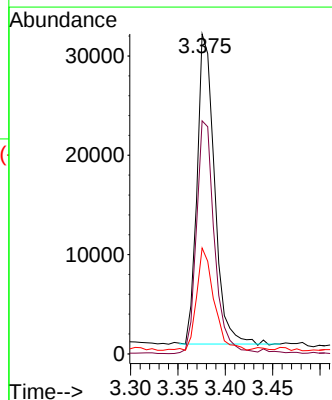
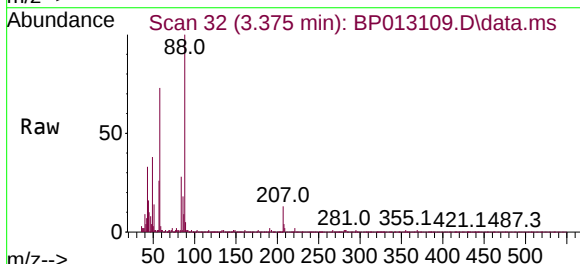
Manual Integrations
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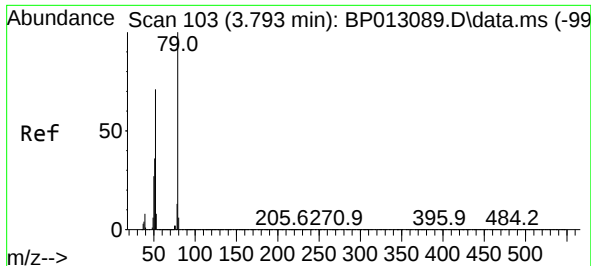
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#2
1,4-Dioxane
Concen: 3.564 ng
RT: 3.375 min Scan# 32
Delta R.T. 0.000 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

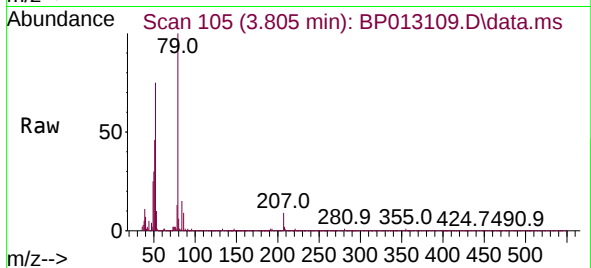
Tgt Ion: 88 Resp: 39758
Ion Ratio Lower Upper
88 100
58 77.6 60.1 90.1
43 33.0 23.5 35.3





#3
Pyridine
Concen: 2.876 ng
RT: 3.805 min Scan# 103
Delta R.T. 0.012 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

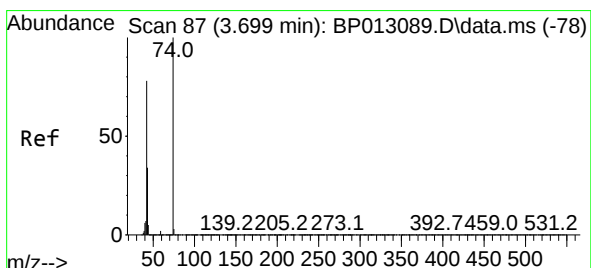
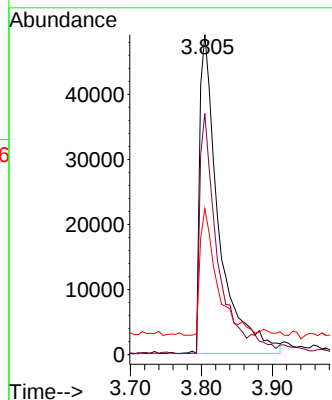
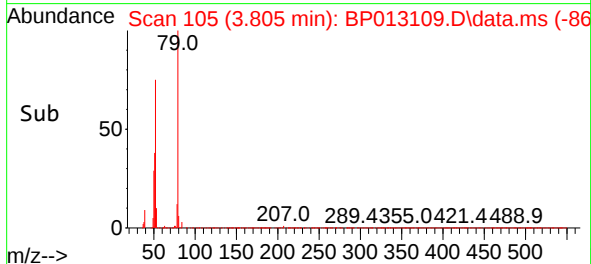
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2022



Tgt Ion: 79 Resp: 91120
Ion Ratio Lower Upper
79 100
52 75.3 57.0 85.4
51 45.6 29.1 43.7

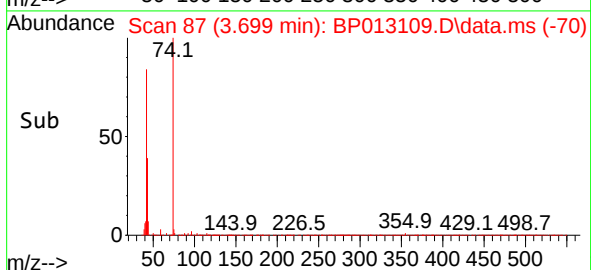
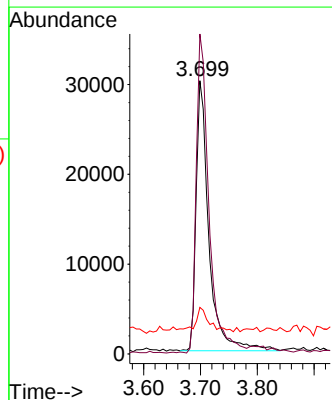
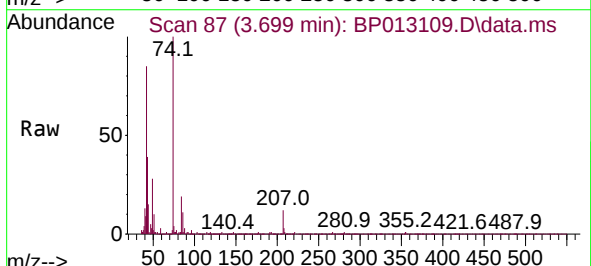
Manual Integrations
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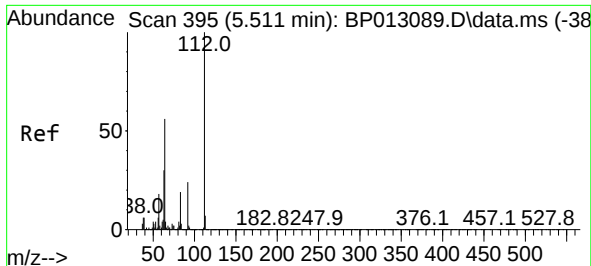
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#4
n-Nitrosodimethylamine
Concen: 3.302 ng
RT: 3.699 min Scan# 87
Delta R.T. 0.000 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

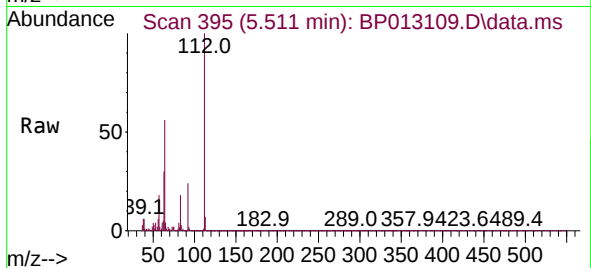
Tgt Ion: 42 Resp: 46880
Ion Ratio Lower Upper
42 100
74 117.1 102.7 154.1
44 17.0 5.6 8.4





#5
2-Fluorophenol
Concen: 95.030 ng
RT: 5.511 min Scan# 395
Delta R.T. 0.000 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

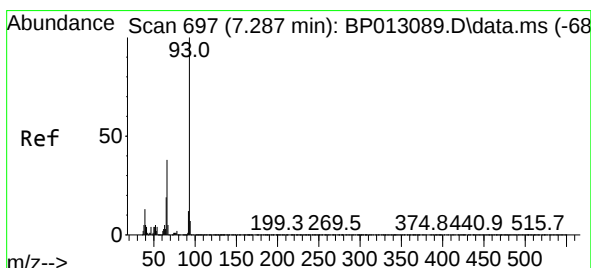
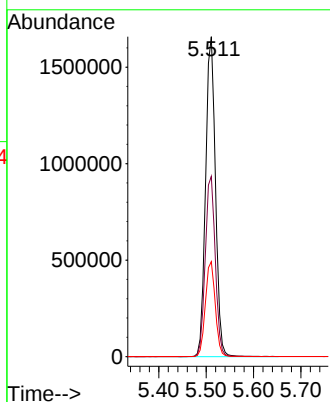
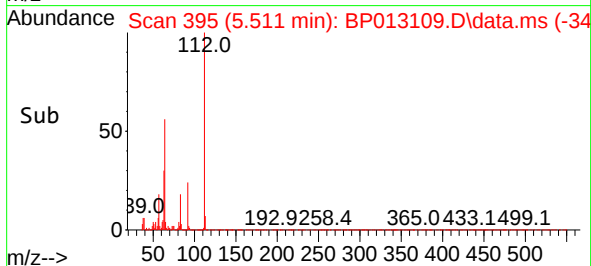
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2022



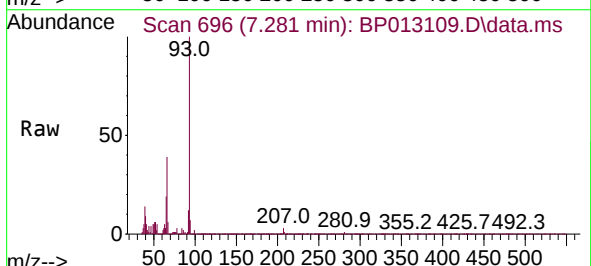
Tgt Ion: 112 Resp: 2392486
Ion Ratio Lower Upper
112 100
64 56.3 45.1 67.7
63 29.7 23.8 35.6

Manual Integrations
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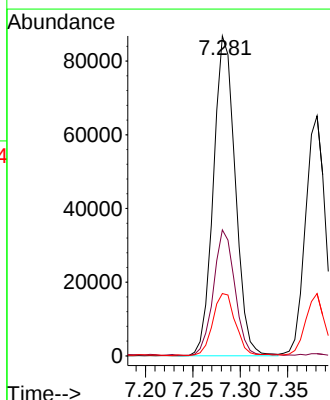
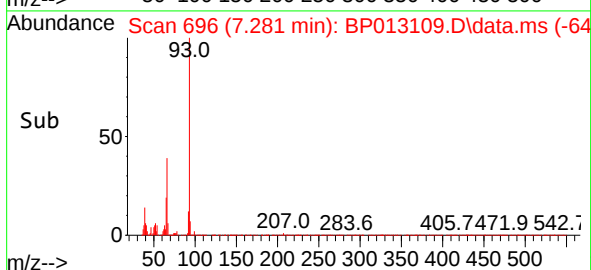
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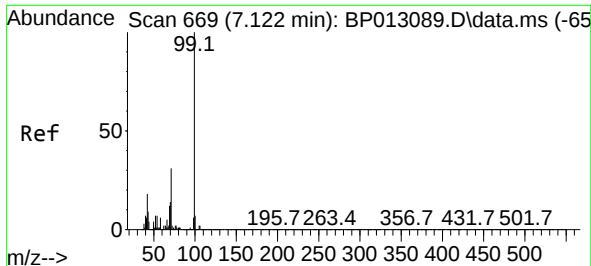


#6
Aniline
Concen: 3.501 ng
RT: 7.281 min Scan# 696
Delta R.T. -0.006 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11



Tgt Ion: 93 Resp: 139384
Ion Ratio Lower Upper
93 100
66 39.4 30.6 45.8
65 19.5 15.5 23.3





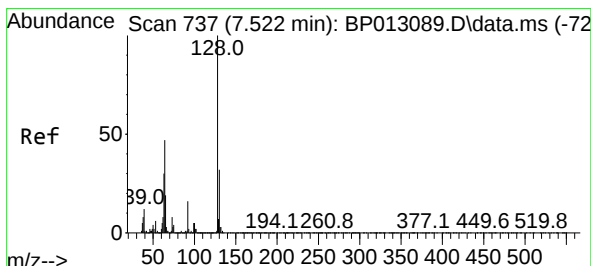
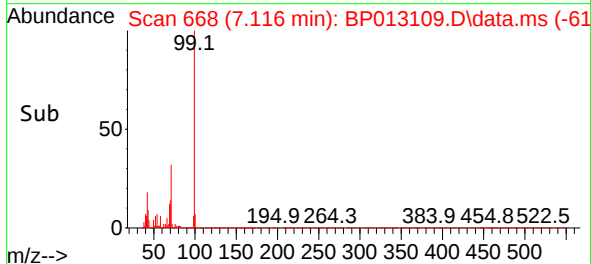
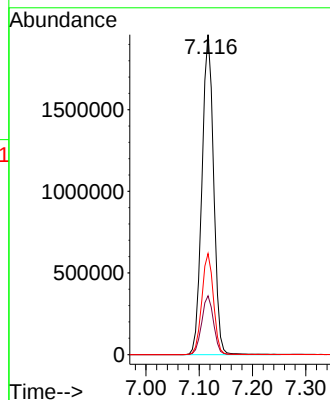
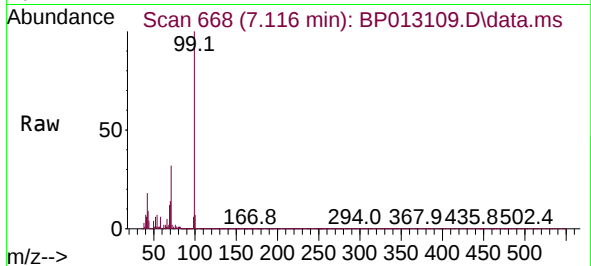
#7
Phenol-d6
Concen: 90.667 ng
RT: 7.116 min Scan# 60
Delta R.T. -0.006 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2022

Tgt Ion: 99 Resp: 298099
Ion Ratio Lower Upper
99 100
42 18.4 14.2 21.4
71 31.6 24.7 37.1

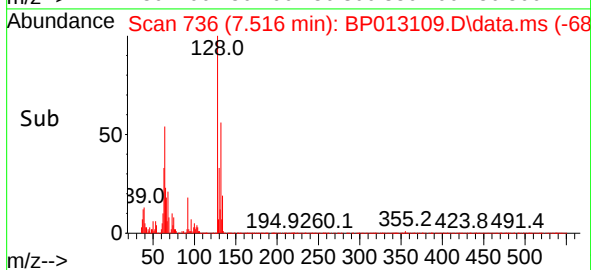
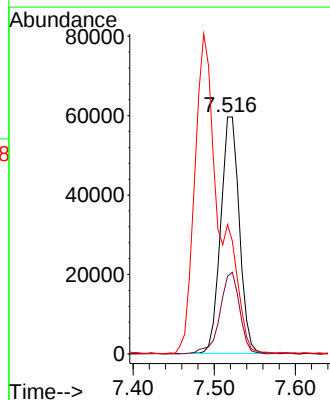
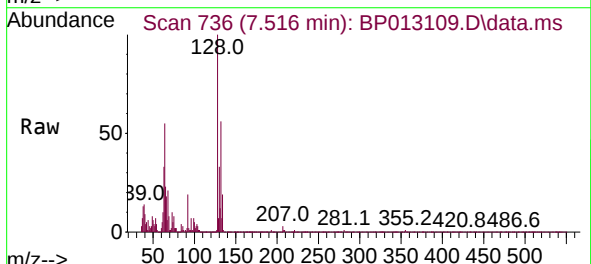
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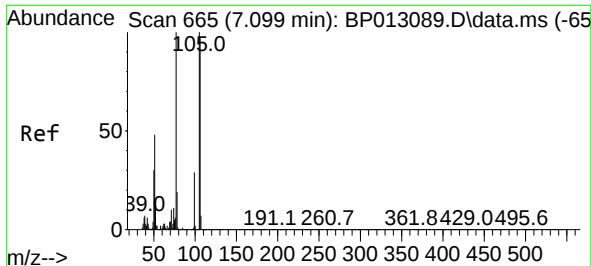
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#8
2-Chlorophenol
Concen: 3.200 ng
RT: 7.516 min Scan# 736
Delta R.T. -0.006 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

Tgt Ion:128 Resp: 94971
Ion Ratio Lower Upper
128 100
130 32.8 11.9 51.9
64 54.6 26.7 66.7





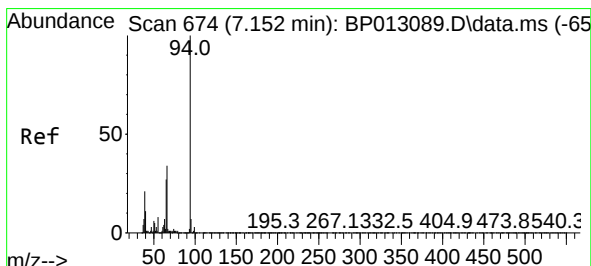
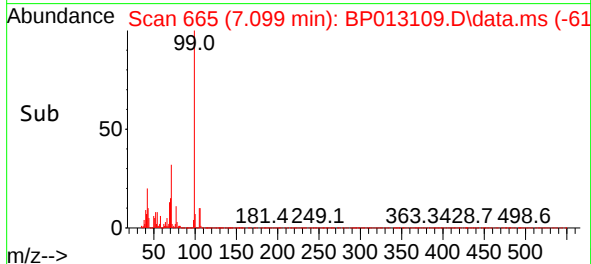
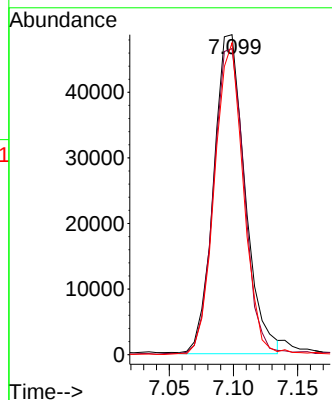
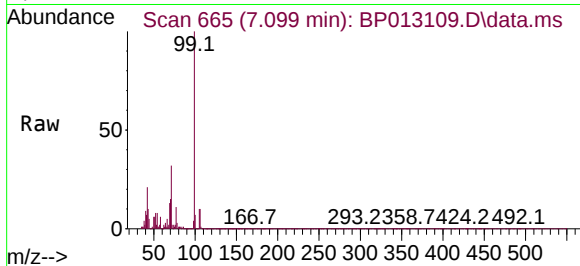
#9
Benzaldehyde
Concen: 4.189 ng m
RT: 7.099 min Scan# 665
Delta R.T. 0.000 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2022

Tgt Ion: 77 Resp: 82630
Ion Ratio Lower Upper
77 100
105 95.6 80.1 120.1
106 97.4 76.6 116.6

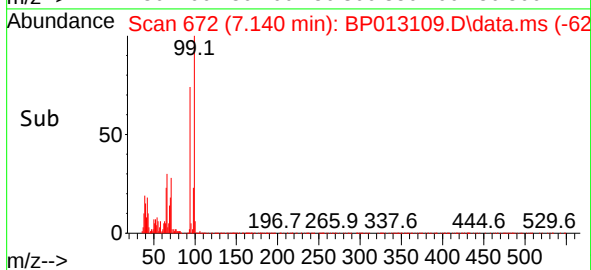
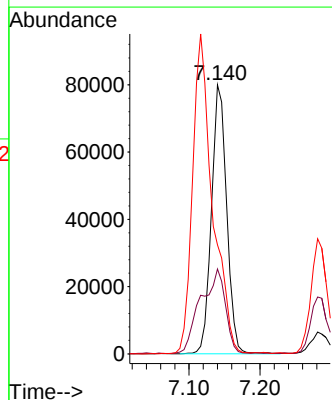
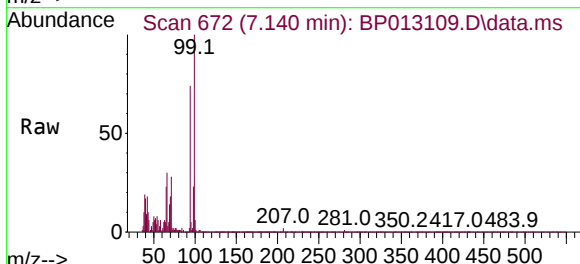
Manual Integrations
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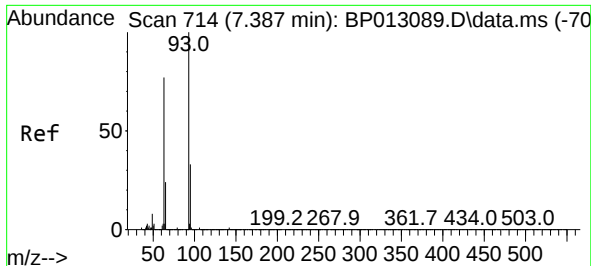
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#10
Phenol
Concen: 3.237 ng
RT: 7.140 min Scan# 672
Delta R.T. -0.012 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

Tgt Ion: 94 Resp: 119116
Ion Ratio Lower Upper
94 100
65 31.6 7.2 47.2
66 40.5 13.7 53.7





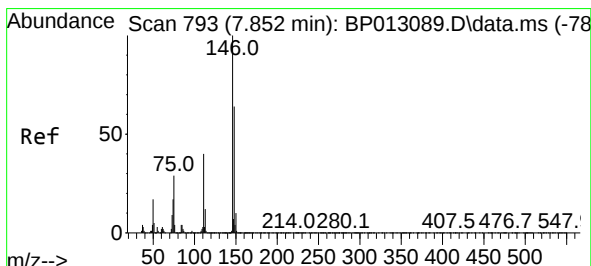
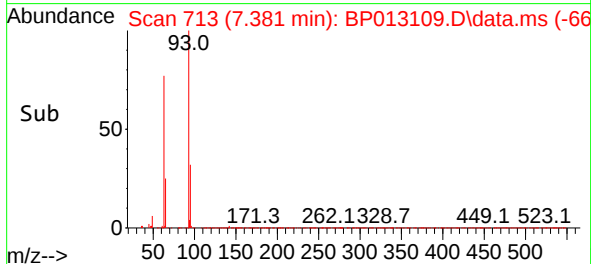
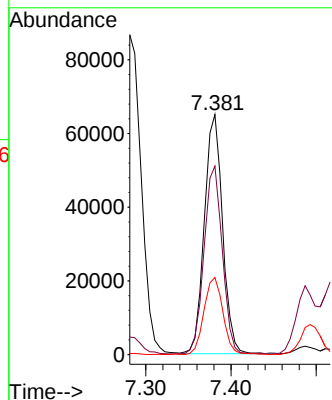
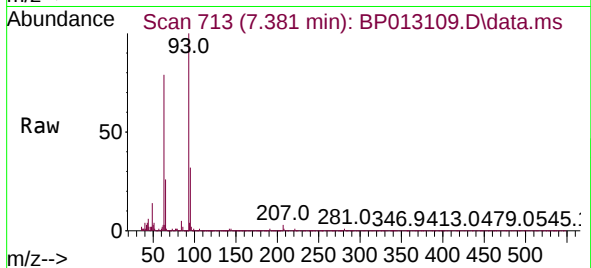
#11
bis(2-Chloroethyl)ether
Concen: 3.251 ng
RT: 7.381 min Scan# 714
Delta R.T. -0.006 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2022

Tgt Ion	Ratio	Lower	Upper
93	100		
63	78.5	56.3	96.3
95	32.1	13.0	53.0

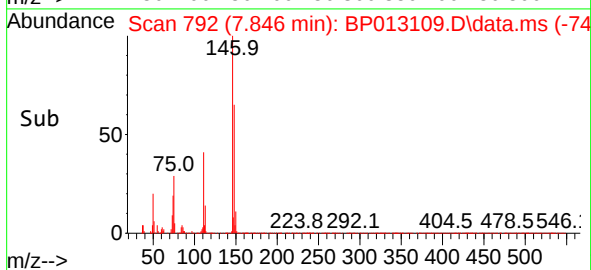
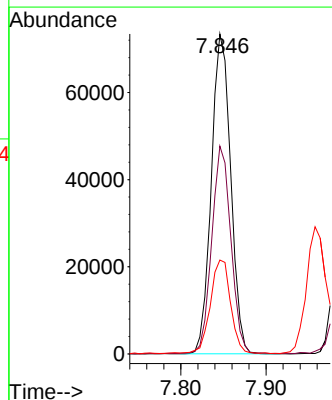
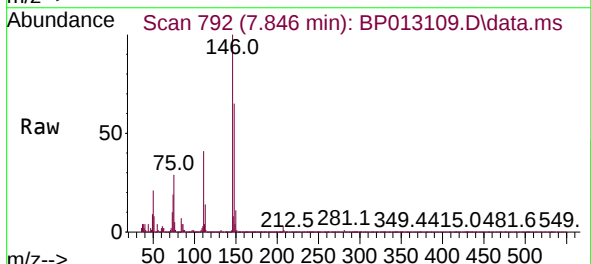
Manual Integrations
APPROVED

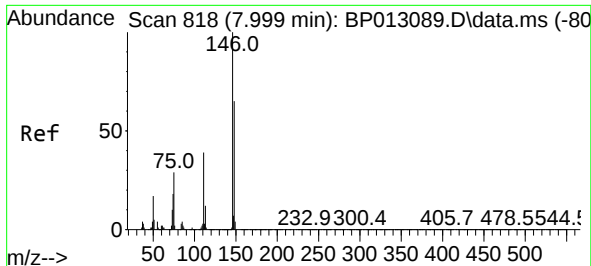
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#12
1,3-Dichlorobenzene
Concen: 3.352 ng
RT: 7.846 min Scan# 792
Delta R.T. -0.006 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.5	77.3
75	29.3	23.0	34.4





#13

1,4-Dichlorobenzene

Concen: 3.365 ng

RT: 7.993 min Scan# 818

Delta R.T. -0.006 min

Lab File: BP013109.D

Acq: 14 Dec 2022 17:11

Instrument :

BNA_P

ClientSampleId :

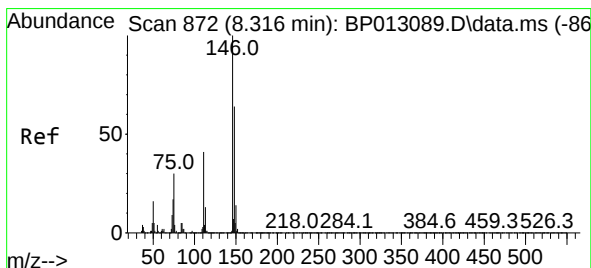
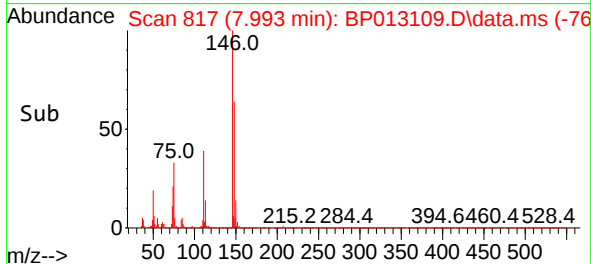
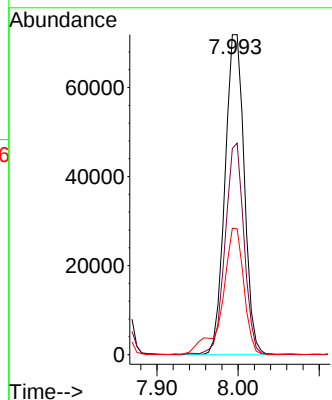
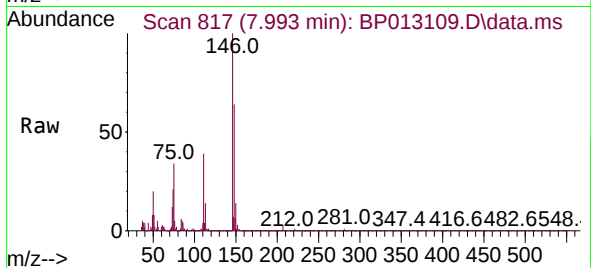
MDL-WATER-03-QT4-2022

Tgt Ion:	146	Resp:	118349
Ion Ratio	Lower	Upper	
146	100		
148	64.4	51.9	77.9
111	39.5	31.3	46.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#14

1,2-Dichlorobenzene

Concen: 3.330 ng

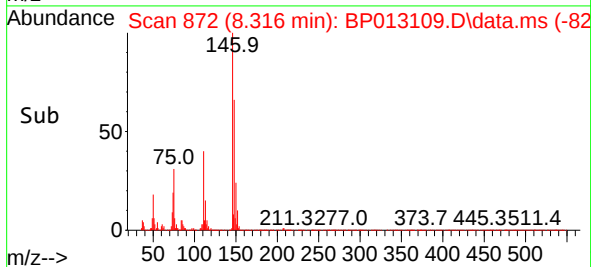
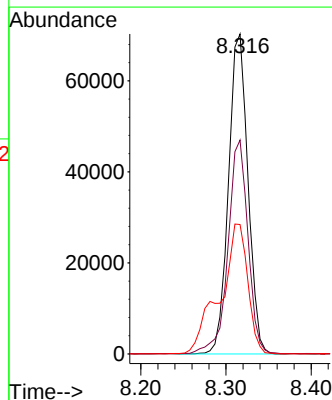
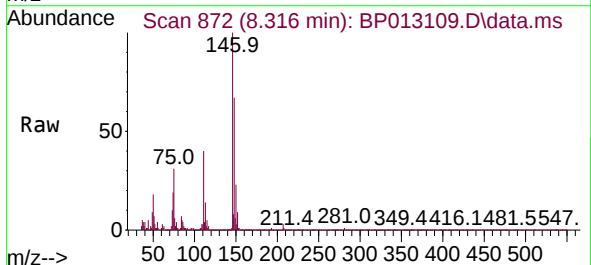
RT: 8.316 min Scan# 872

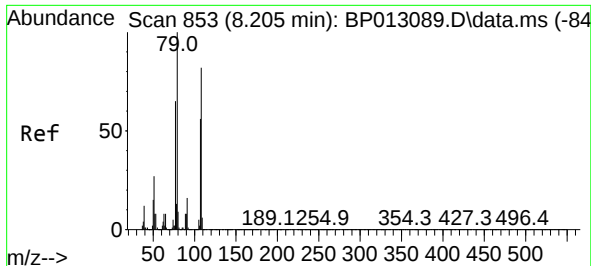
Delta R.T. 0.000 min

Lab File: BP013109.D

Acq: 14 Dec 2022 17:11

Tgt Ion:	146	Resp:	111145
Ion Ratio	Lower	Upper	
146	100		
148	66.8	51.0	76.6
111	40.4	32.6	49.0





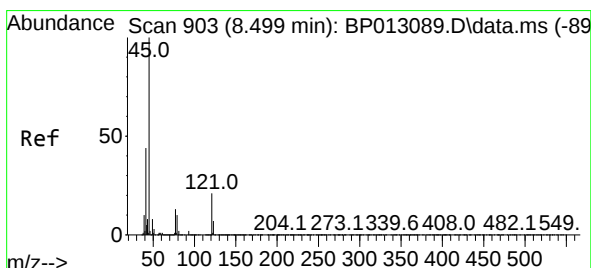
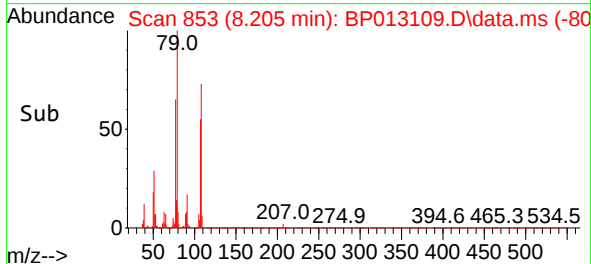
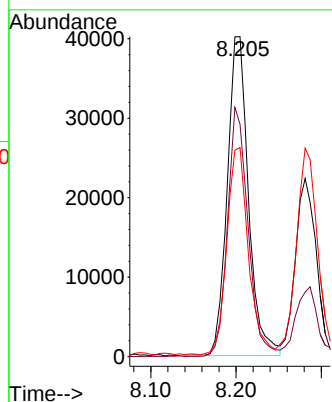
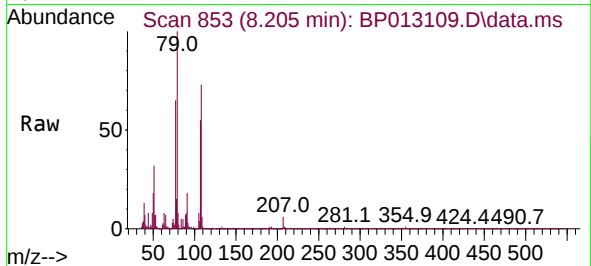
#15
Benzyl Alcohol
Concen: 2.914 ng
RT: 8.205 min Scan# 853
Delta R.T. 0.000 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2022

Tgt Ion: 79 Resp: 69511
Ion Ratio Lower Upper
79 100
108 72.6 65.3 97.9
77 65.3 51.9 77.9

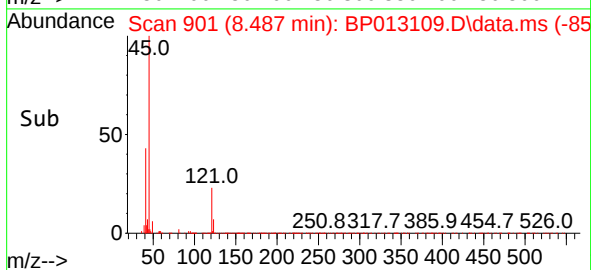
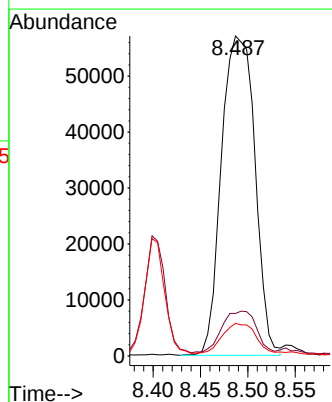
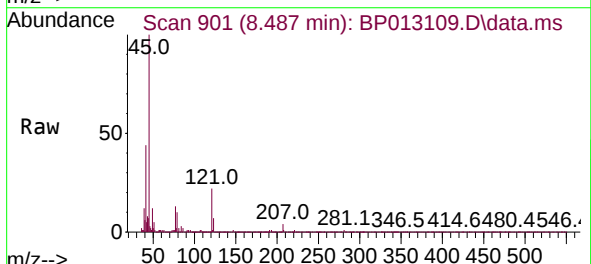
Manual Integrations
APPROVED

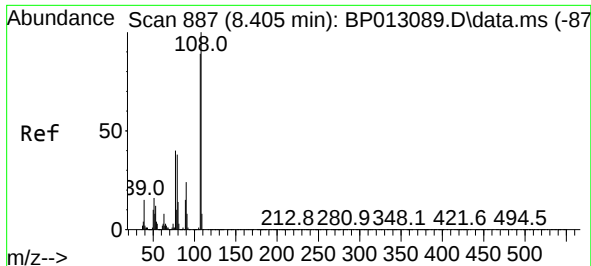
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.272 ng
RT: 8.487 min Scan# 901
Delta R.T. -0.012 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

Tgt Ion: 45 Resp: 140415
Ion Ratio Lower Upper
45 100
77 13.3 0.0 33.6
79 10.2 0.0 30.6





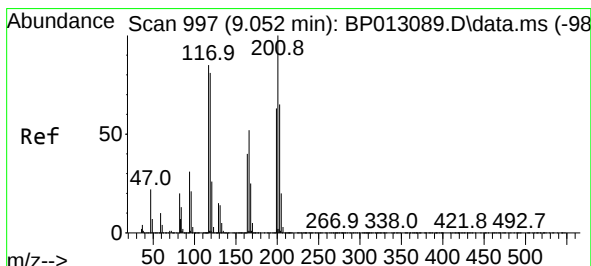
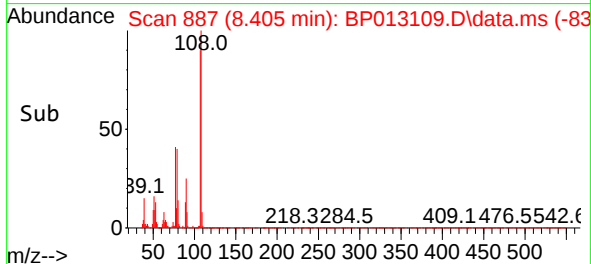
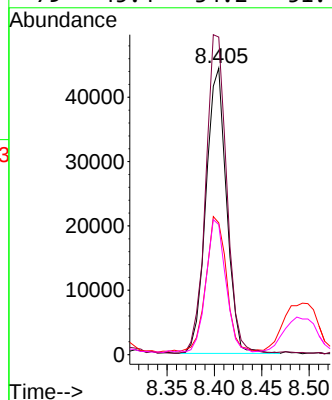
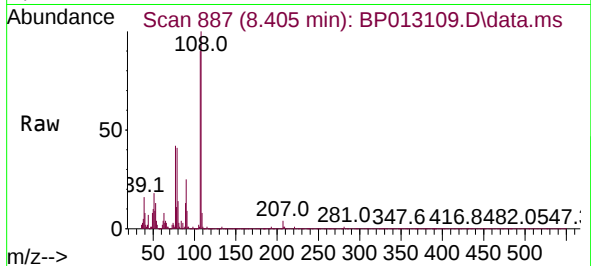
#17
2-Methylphenol
Concen: 2.756 ng
RT: 8.405 min Scan# 887
Delta R.T. 0.000 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2022

Tgt Ion:	107	Resp:	6704
Ion Ratio	Lower	Upper	
107	100		
108	110.8	89.6	134.4
77	46.0	35.5	53.3
79	45.4	34.2	51.4

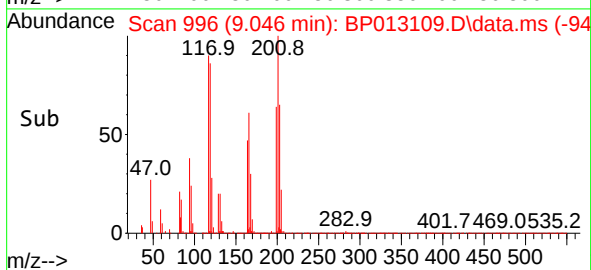
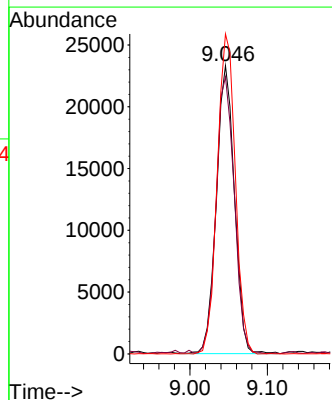
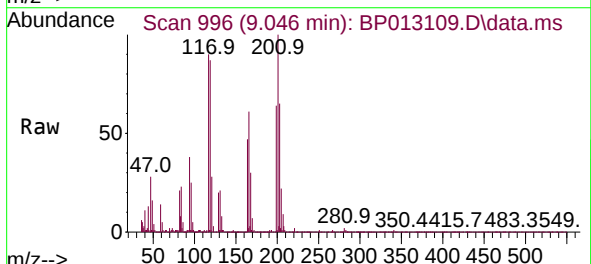
Manual Integrations
APPROVED

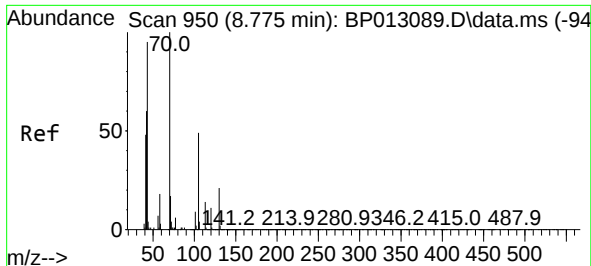
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#18
Hexachloroethane
Concen: 3.175 ng
RT: 9.046 min Scan# 996
Delta R.T. -0.006 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

Tgt Ion:	117	Resp:	37812
Ion Ratio	Lower	Upper	
117	100		
119	96.1	76.7	115.1
201	111.0	94.6	141.8





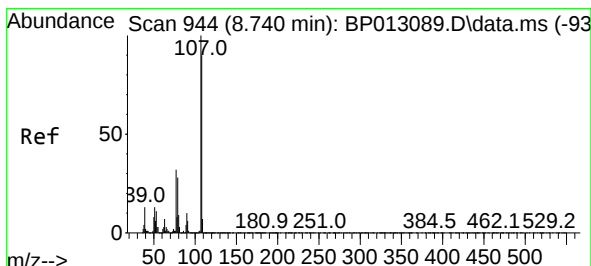
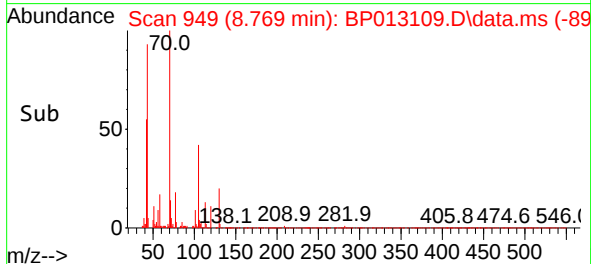
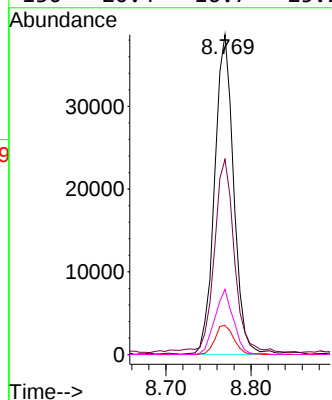
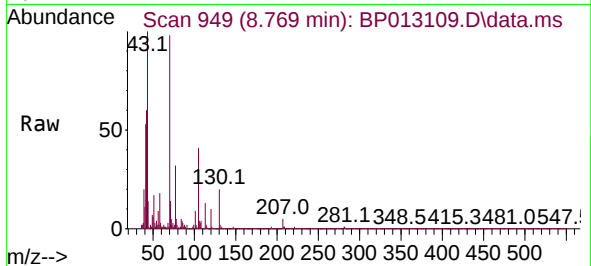
#19
n-Nitroso-di-n-propylamine
Concen: 2.813 ng
RT: 8.769 min Scan# 941
Delta R.T. -0.006 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2022

Tgt Ion: 70 Resp: 60058
Ion Ratio Lower Upper
70 100
42 61.0 48.5 72.7
101 9.1 7.4 11.2
130 20.4 16.7 25.1

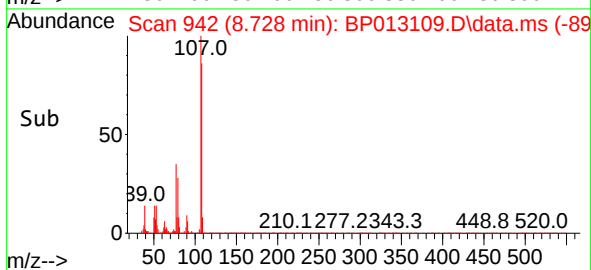
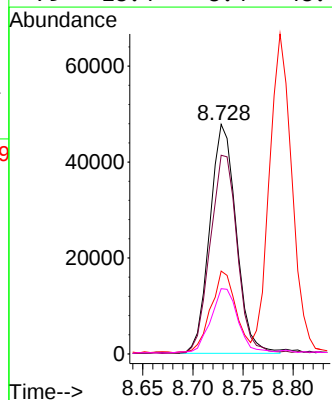
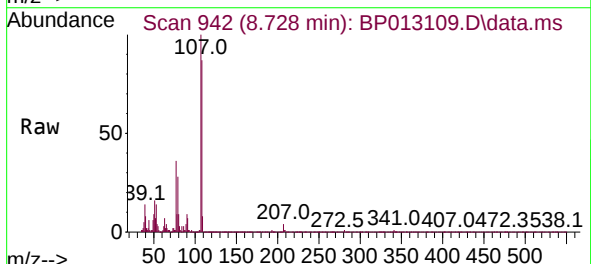
Manual Integrations
APPROVED

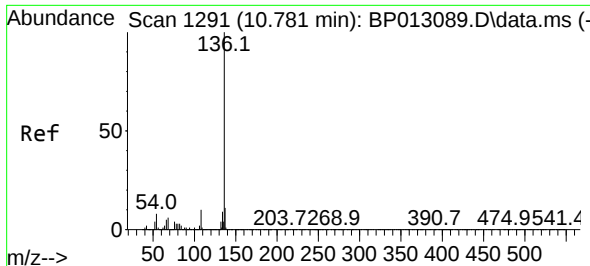
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#20
3+4-Methylphenols
Concen: 2.656 ng
RT: 8.728 min Scan# 942
Delta R.T. -0.012 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

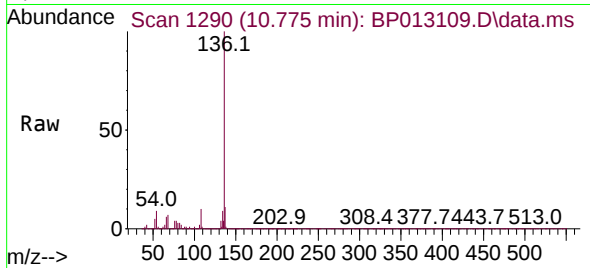
Tgt Ion:107 Resp: 87847
Ion Ratio Lower Upper
107 100
108 86.6 70.5 110.5
77 36.1 12.2 52.2
79 28.4 8.4 48.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.775 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

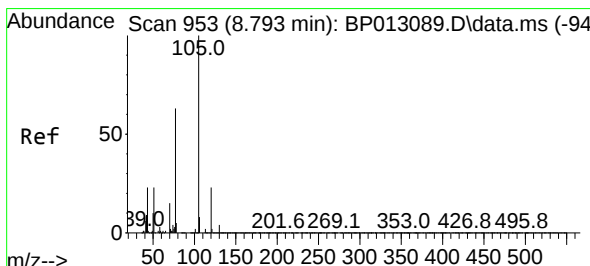
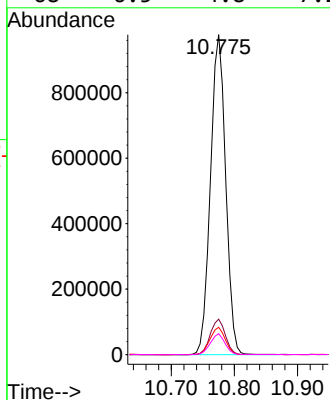
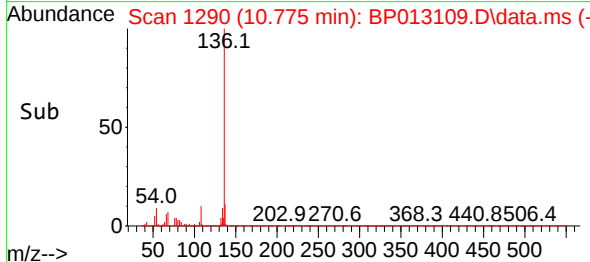
Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT4-2022



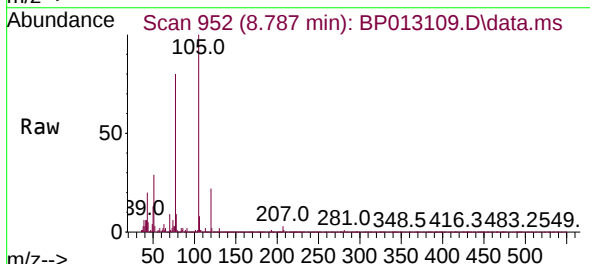
Tgt Ion:136 Resp: 163546
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 8.5 6.2 9.4
68 6.5 4.8 7.2

Manual Integrations
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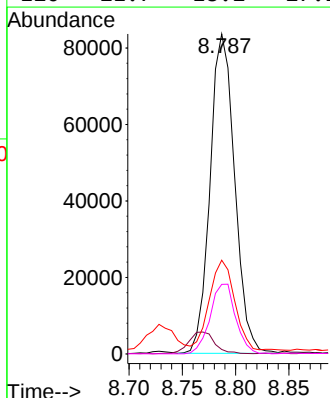
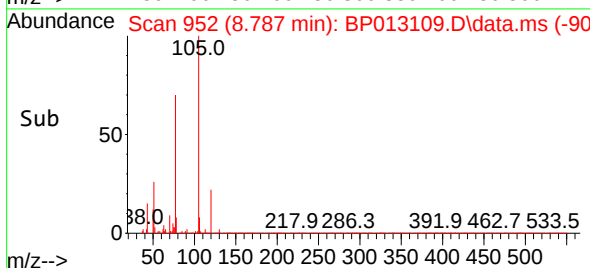
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022

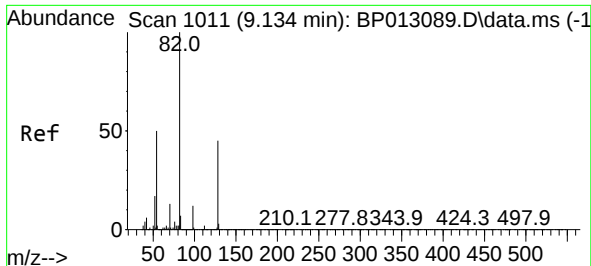


#22
Acetophenone
Concen: 3.297 ng
RT: 8.787 min Scan# 952
Delta R.T. -0.006 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11



Tgt Ion:105 Resp: 134182
Ion Ratio Lower Upper
105 100
71 1.4 2.2 3.4#
51 29.3 21.5 32.3
120 21.7 18.2 27.2





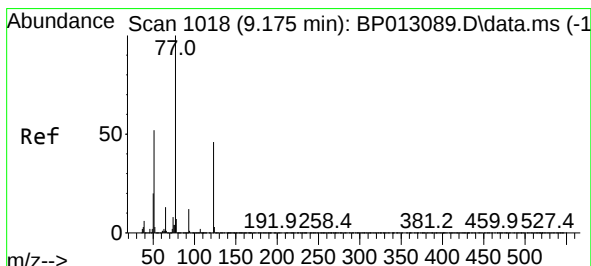
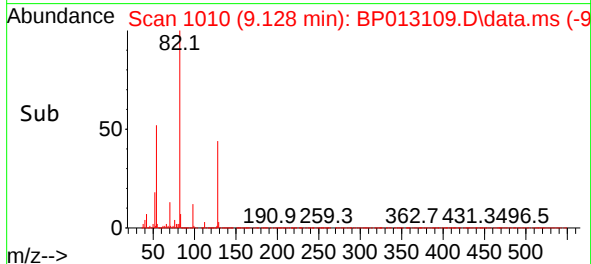
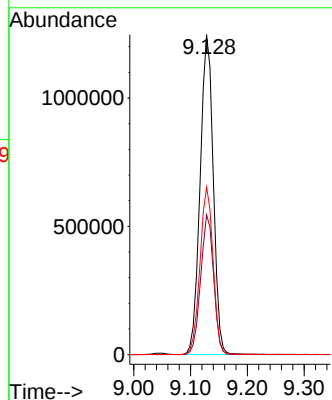
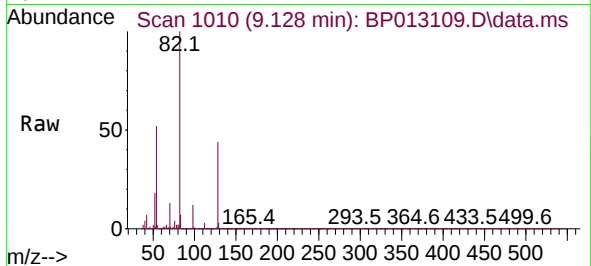
#23
Nitrobenzene-d5
Concen: 66.956 ng
RT: 9.128 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2022

Tgt Ion: 82 Resp: 199742
Ion Ratio Lower Upper
82 100
128 43.7 35.9 53.9
54 52.3 40.4 60.6

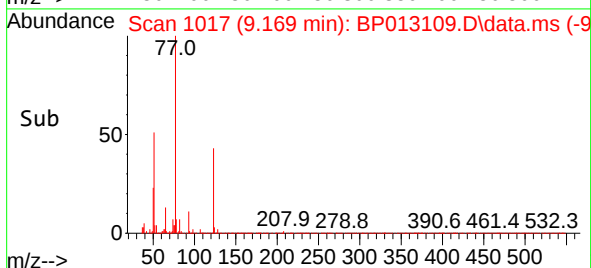
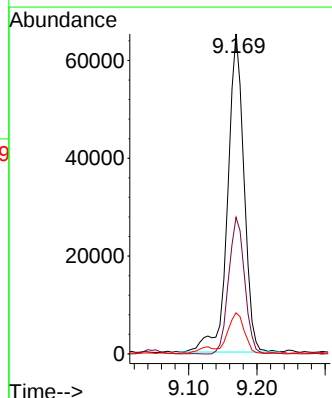
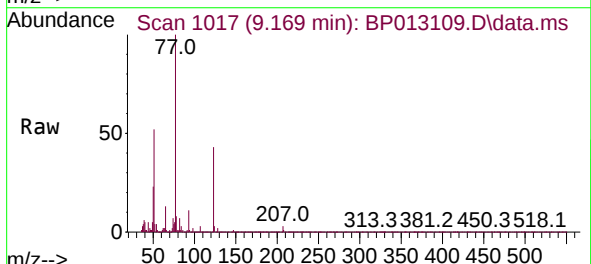
Manual Integrations
APPROVED

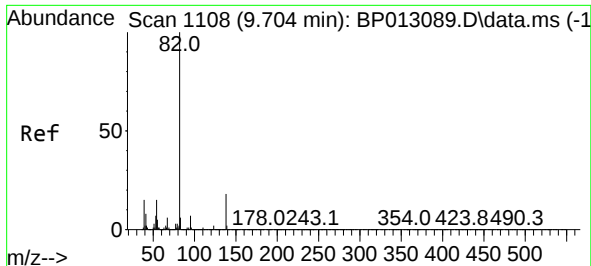
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#24
Nitrobenzene
Concen: 3.465 ng
RT: 9.169 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

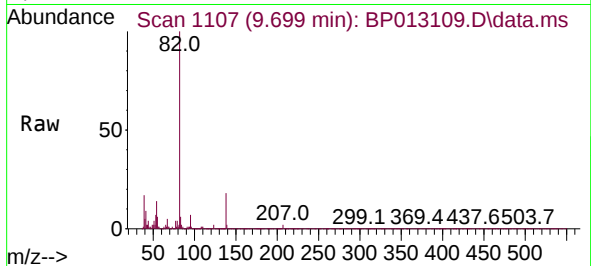
Tgt Ion: 77 Resp: 107722
Ion Ratio Lower Upper
77 100
123 42.7 37.0 55.4
65 12.8 10.7 16.1





#25
Isophorone
Concen: 2.947 ng
RT: 9.699 min Scan# 1107
Delta R.T. -0.006 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

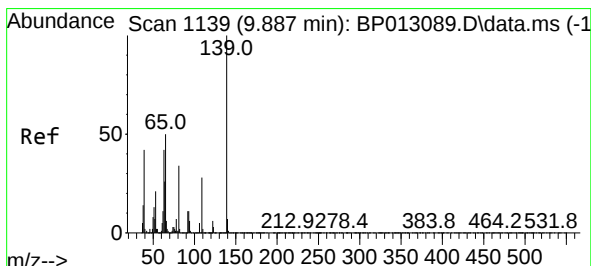
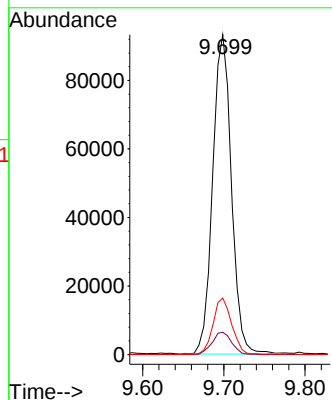
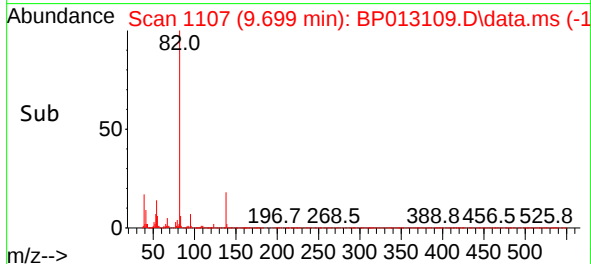
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2022



Tgt Ion: 82 Resp: 149306
Ion Ratio Lower Upper
82 100
95 7.0 5.4 8.0
138 17.7 14.5 21.7

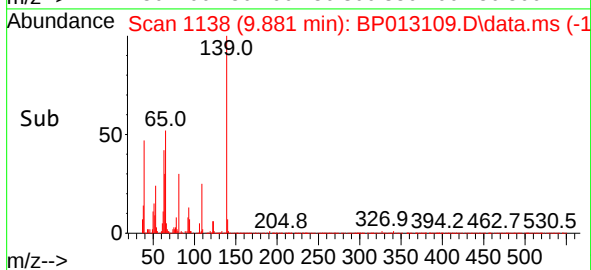
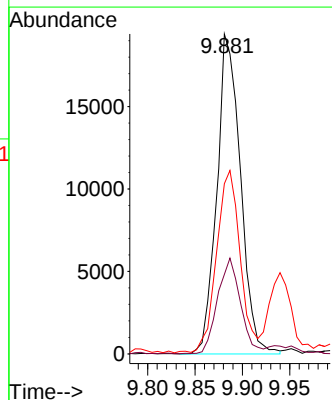
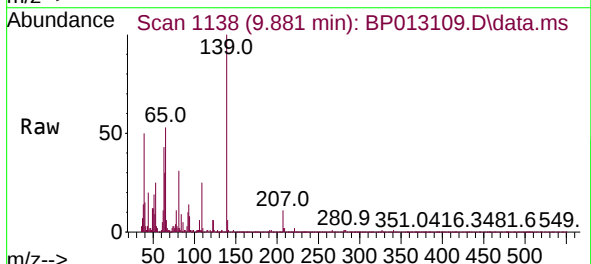
Manual Integrations
APPROVED

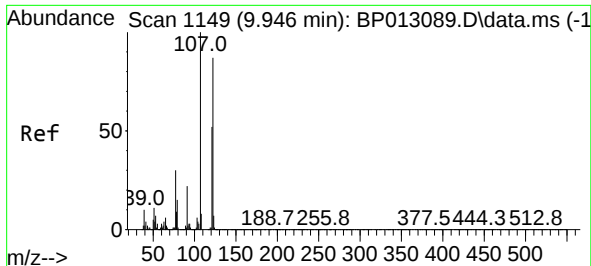
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#26
2-Nitrophenol
Concen: 2.363 ng
RT: 9.881 min Scan# 1138
Delta R.T. -0.006 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

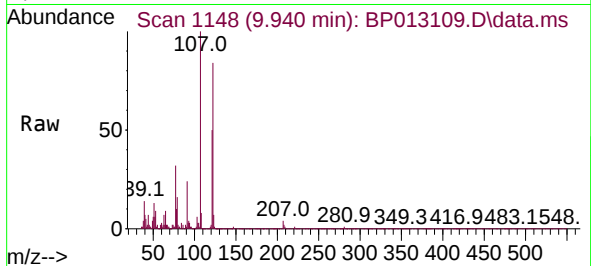
Tgt Ion:139 Resp: 33637
Ion Ratio Lower Upper
139 100
109 24.8 22.5 33.7
65 53.2 39.9 59.9





#27
2,4-Dimethylphenol
Concen: 3.151 ng
RT: 9.940 min Scan# 1149
Delta R.T. -0.006 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

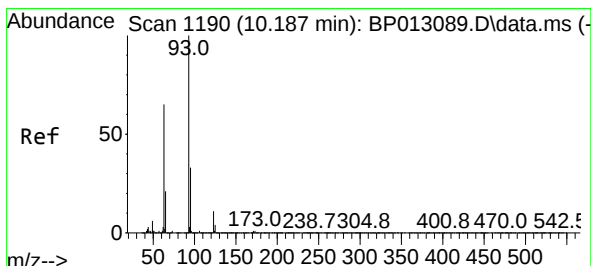
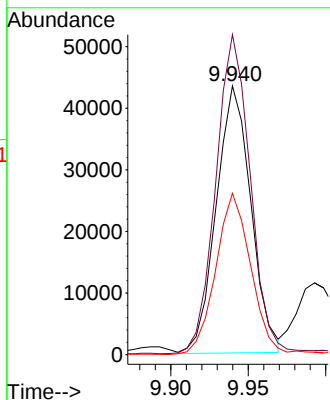
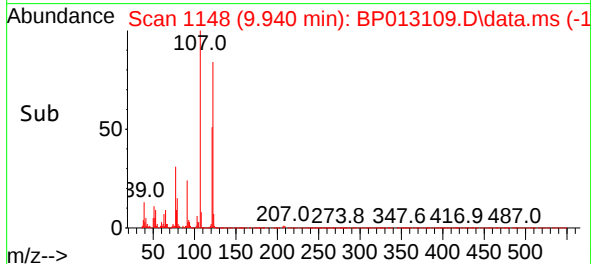
Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT4-2022



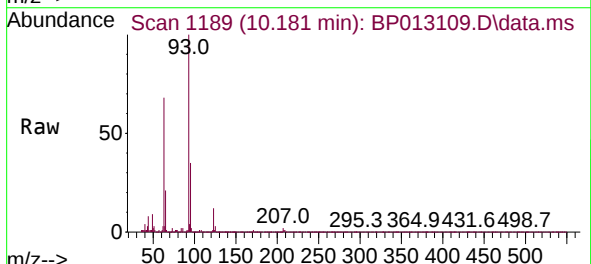
Tgt Ion: 122 Resp: 67560
Ion Ratio Lower Upper
122 100
107 119.1 91.1 136.7
121 60.1 47.0 70.4

Manual Integrations
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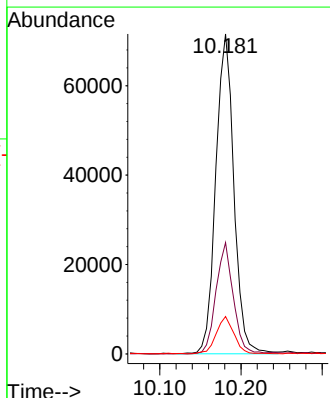
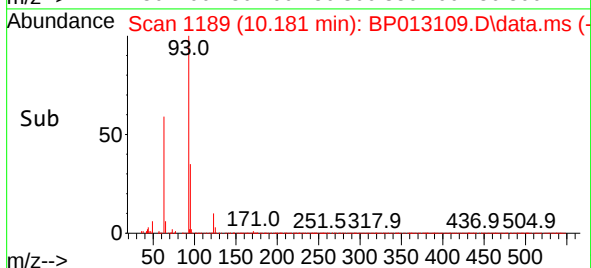
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022

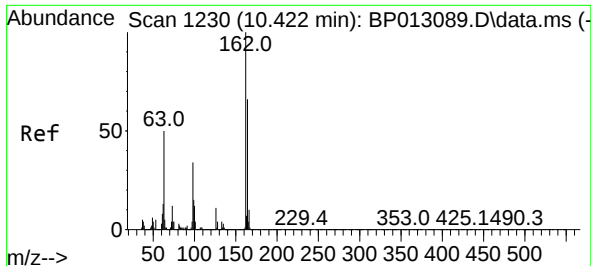


#28
bis(2-Chloroethoxy)methane
Concen: 3.408 ng
RT: 10.181 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11



Tgt Ion: 93 Resp: 110734
Ion Ratio Lower Upper
93 100
95 34.8 26.4 39.6
123 11.7 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 2.648 ng

RT: 10.416 min Scan# 1229

Delta R.T. -0.006 min

Lab File: BP013109.D

Acq: 14 Dec 2022 17:11

Instrument :

BNA_P

ClientSampleId :

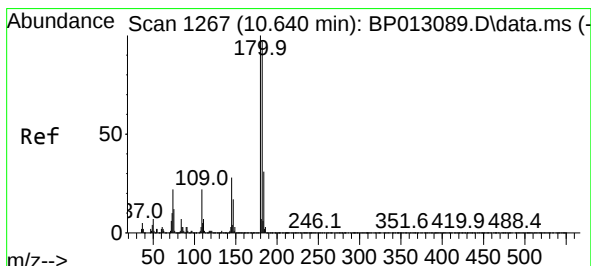
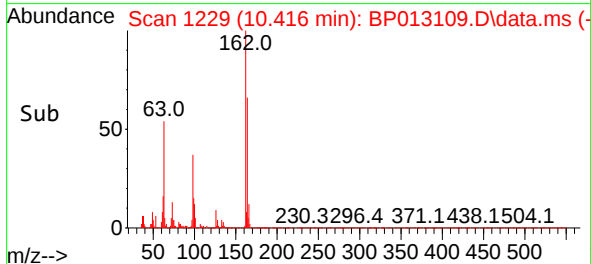
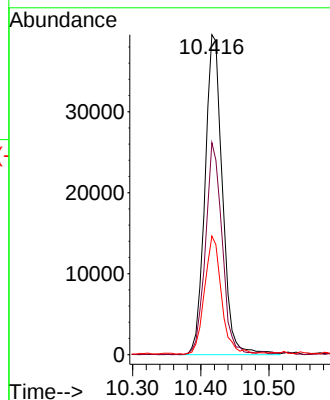
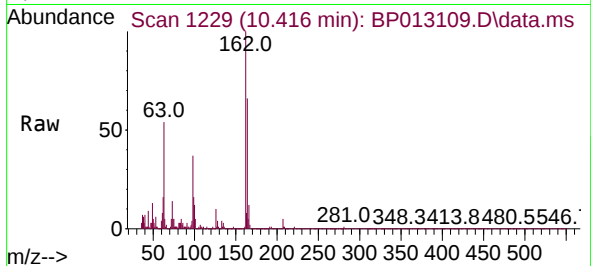
MDL-WATER-03-QT4-2022

Tgt Ion:	162	Resp:	70059
Ion Ratio	Lower	Upper	
162	100		
164	66.2	45.8	85.8
98	37.0	13.8	53.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#30

1,2,4-Trichlorobenzene

Concen: 3.175 ng

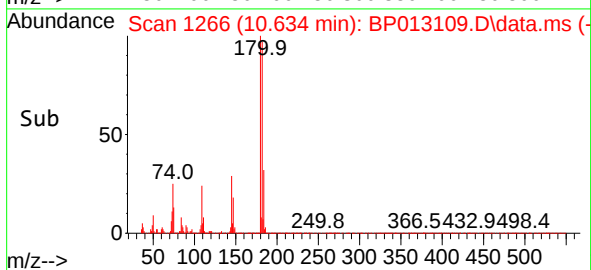
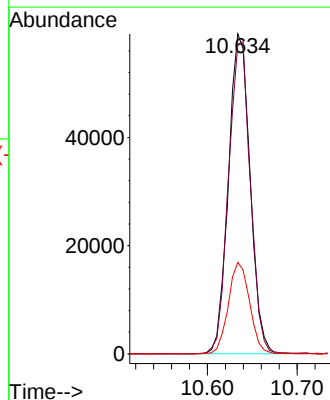
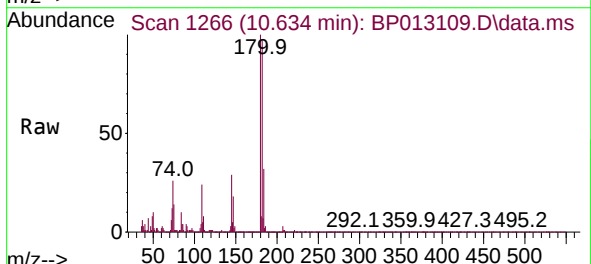
RT: 10.634 min Scan# 1266

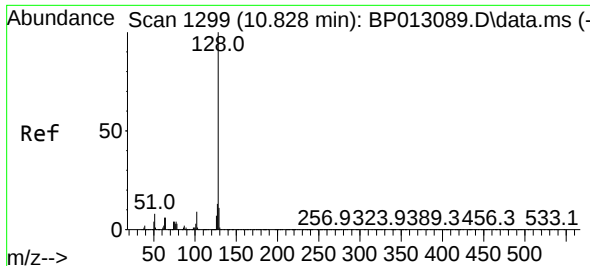
Delta R.T. -0.006 min

Lab File: BP013109.D

Acq: 14 Dec 2022 17:11

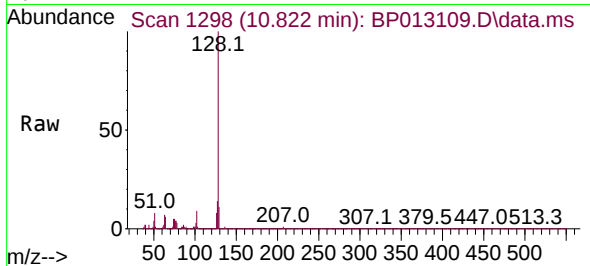
Tgt Ion:	180	Resp:	99139
Ion Ratio	Lower	Upper	
180	100		
182	96.8	77.8	116.6
145	28.6	22.6	33.8





#31
Naphthalene
Concen: 3.280 ng
RT: 10.822 min Scan# 1299
Delta R.T. -0.006 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

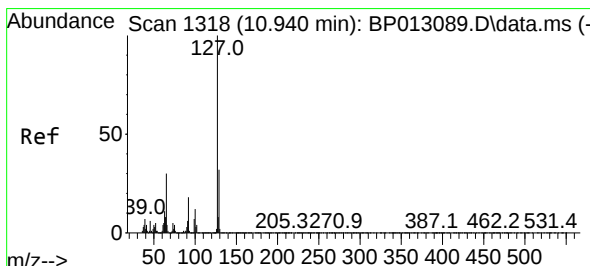
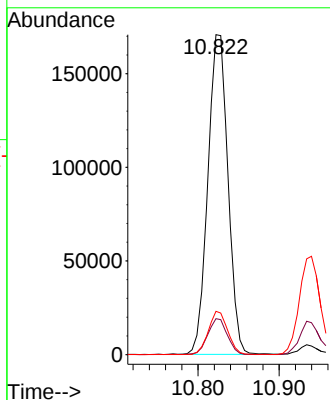
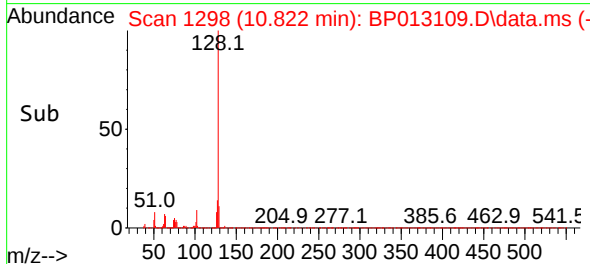
Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT4-2022



Tgt Ion:128 Resp: 293756
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.5 10.4 15.6

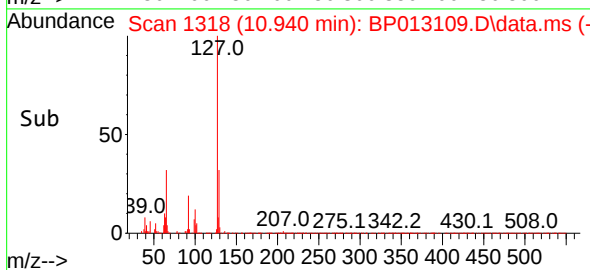
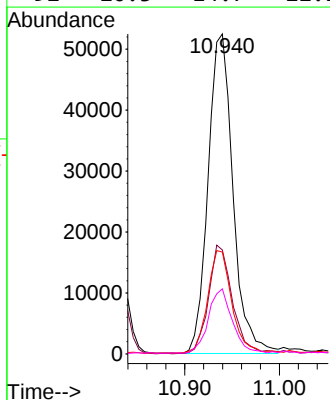
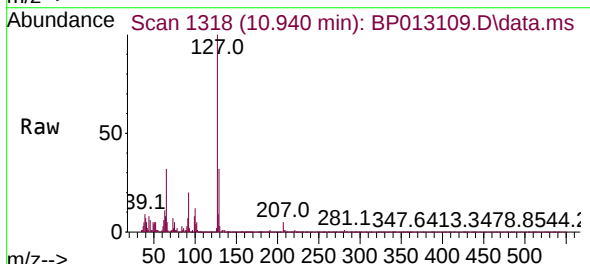
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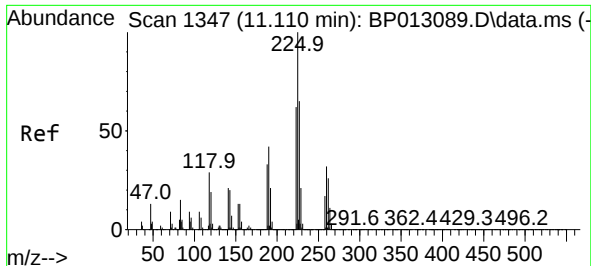
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#33
4-Chloroaniline
Concen: 2.872 ng
RT: 10.940 min Scan# 1318
Delta R.T. 0.000 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

Tgt Ion:127 Resp: 95933
Ion Ratio Lower Upper
127 100
129 32.5 25.5 38.3
65 31.9 23.8 35.8
92 20.3 14.7 22.1





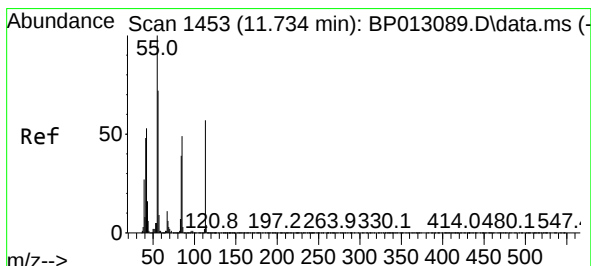
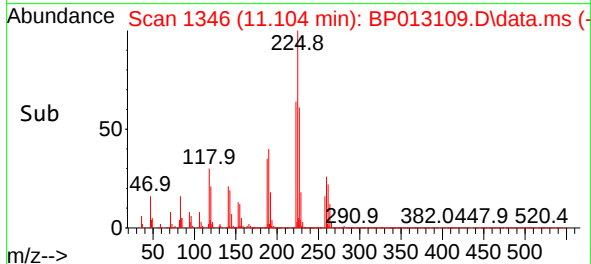
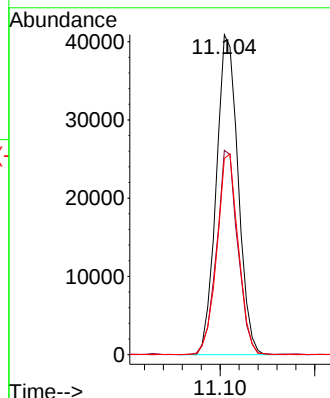
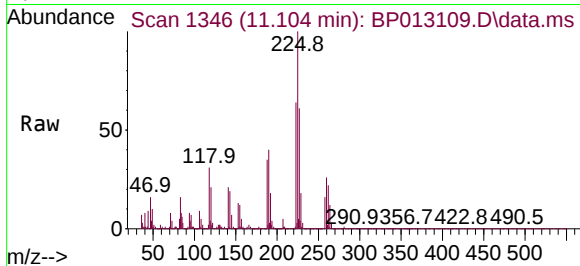
#34
Hexachlorobutadiene
Concen: 3.277 ng
RT: 11.104 min Scan# 1347
Delta R.T. -0.006 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT4-2022

Tgt Ion:225 Resp: 65288
Ion Ratio Lower Upper
225 100
223 63.8 49.4 74.0
227 61.3 52.0 78.0

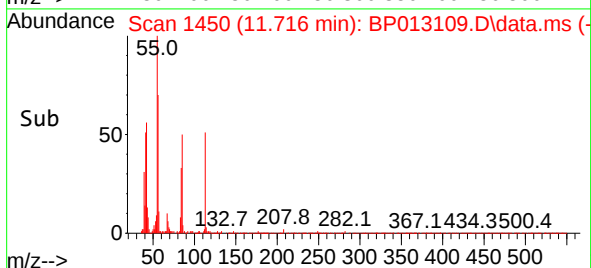
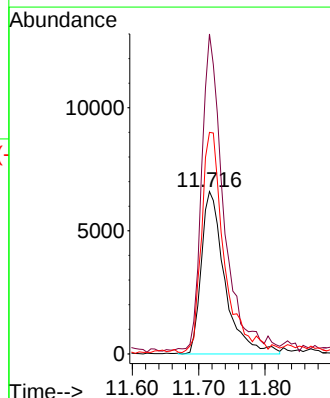
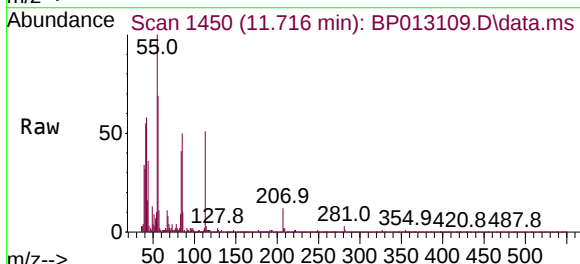
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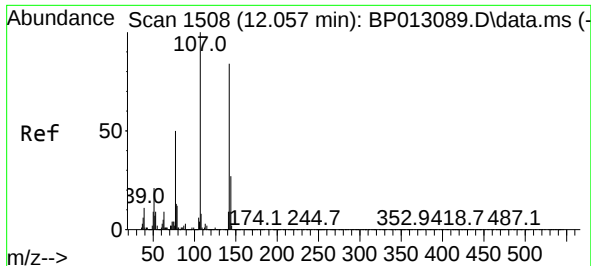
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#35
Caprolactam
Concen: 2.362 ng m
RT: 11.716 min Scan# 1450
Delta R.T. -0.018 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

Tgt Ion:113 Resp: 16136
Ion Ratio Lower Upper
113 100
55 197.1 155.5 195.5#
56 136.4 106.7 146.7





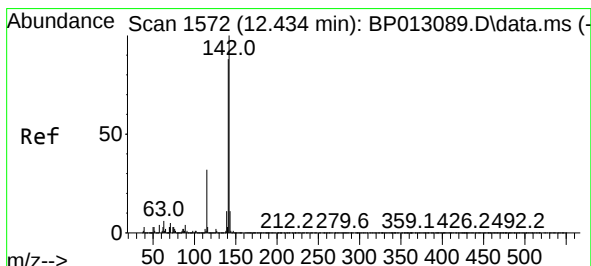
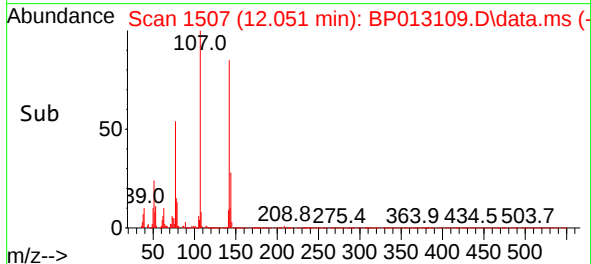
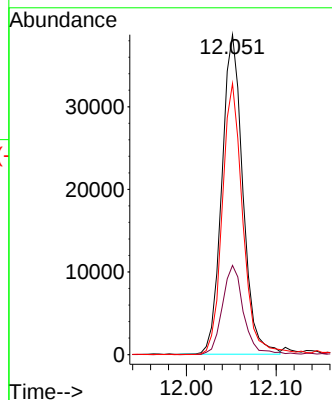
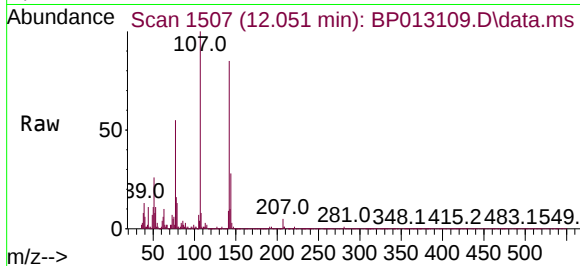
#36
4-Chloro-3-methylphenol
Concen: 2.556 ng
RT: 12.051 min Scan# 1507
Delta R.T. -0.006 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2022

Tgt Ion:107 Resp: 63152
Ion Ratio Lower Upper
107 100
144 27.9 21.5 32.3
142 84.7 67.2 100.8

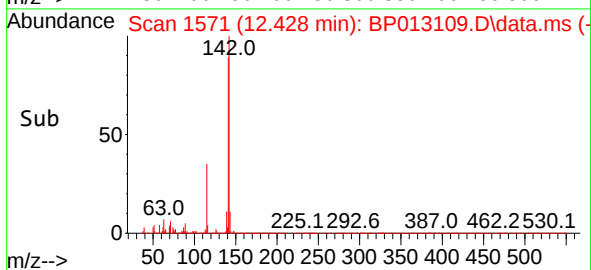
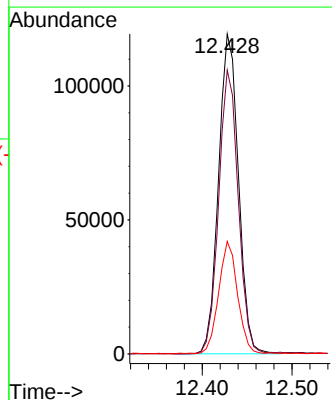
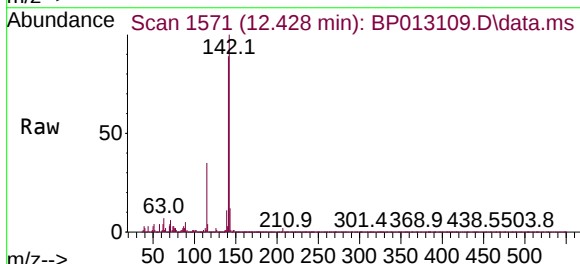
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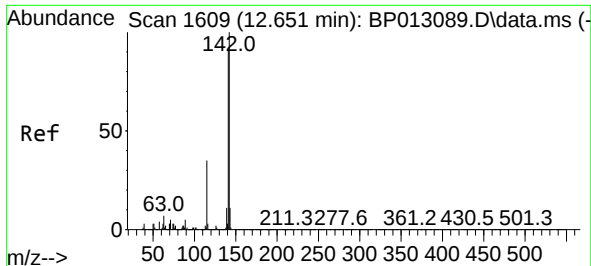
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#37
2-Methylnaphthalene
Concen: 3.073 ng
RT: 12.428 min Scan# 1571
Delta R.T. -0.006 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

Tgt Ion:142 Resp: 185084
Ion Ratio Lower Upper
142 100
141 88.7 70.4 105.6
115 35.2 25.7 38.5





#38

1-Methylnaphthalene

Concen: 3.041 ng

RT: 12.646 min Scan# 1608

Delta R.T. -0.006 min

Lab File: BP013109.D

Acq: 14 Dec 2022 17:11

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT4-2022

Tgt Ion:142 Resp: 178346

Ion Ratio Lower Upper

142 100

141 92.0 73.0 109.4

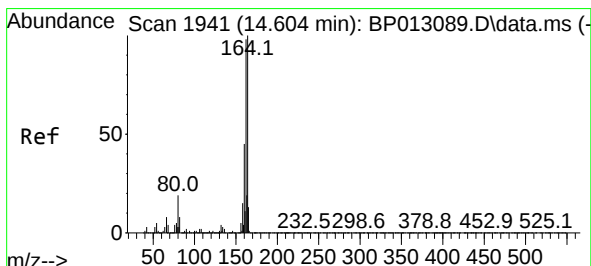
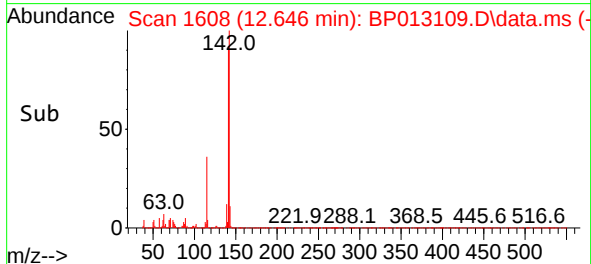
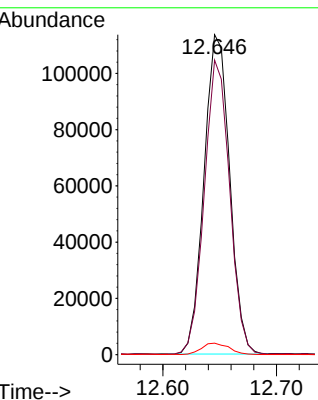
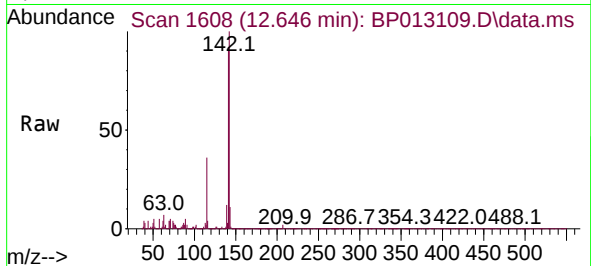
116 3.6 2.8 4.2

Manual Integrations

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Reviewed By :Jagrut Upadhyay 12/15/2022

Supervised By :mohammad ahmed 12/17/2022



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.598 min Scan# 1940

Delta R.T. -0.006 min

Lab File: BP013109.D

Acq: 14 Dec 2022 17:11

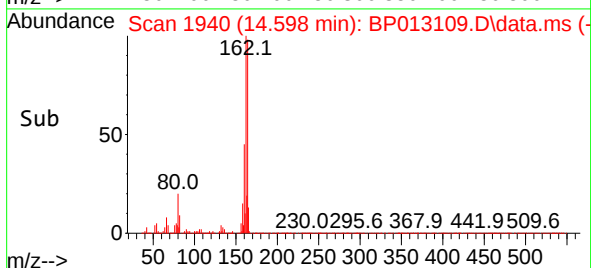
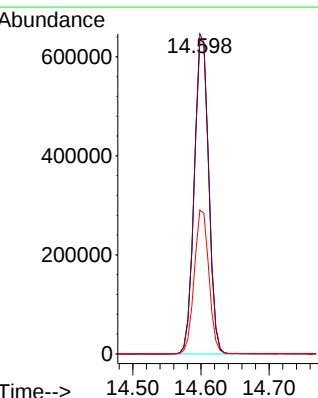
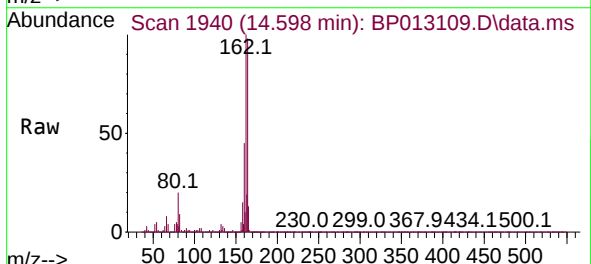
Tgt Ion:164 Resp: 940804

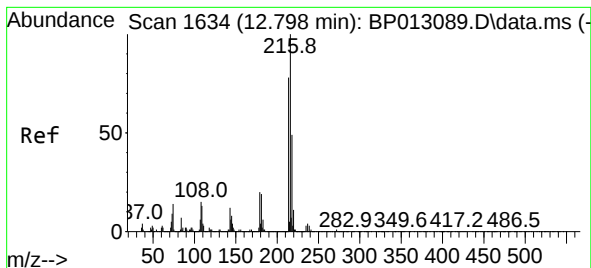
Ion Ratio Lower Upper

164 100

162 101.7 78.8 118.2

160 45.7 36.0 54.0





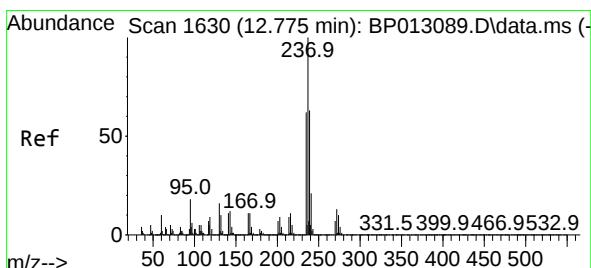
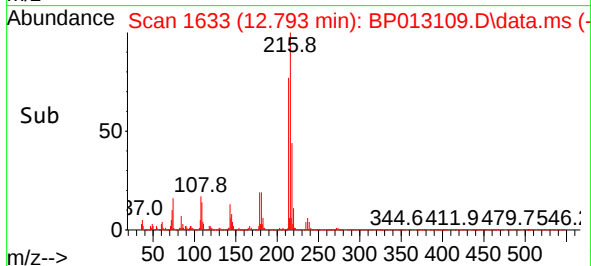
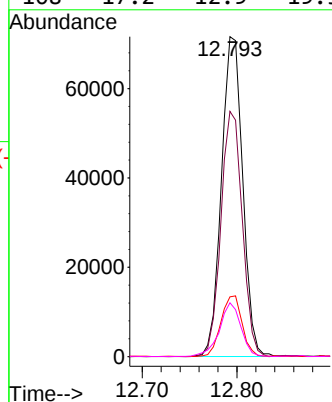
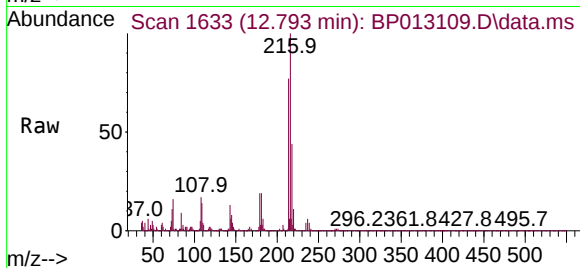
#40
1,2,4,5-Tetrachlorobenzene
Concen: 3.327 ng
RT: 12.793 min Scan# 1633
Delta R.T. -0.006 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT4-2022

Tgt Ion:216 Resp: 111663
Ion Ratio Lower Upper
216 100
214 77.0 62.6 94.0
179 18.9 15.7 23.5
108 17.2 12.9 19.3

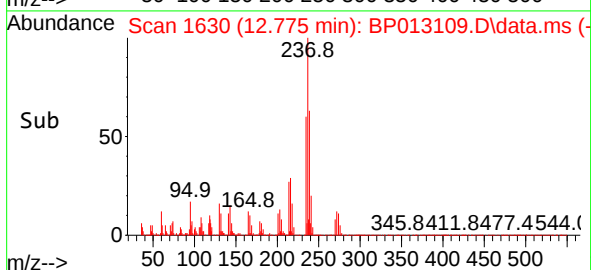
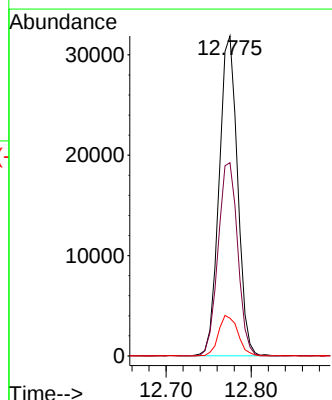
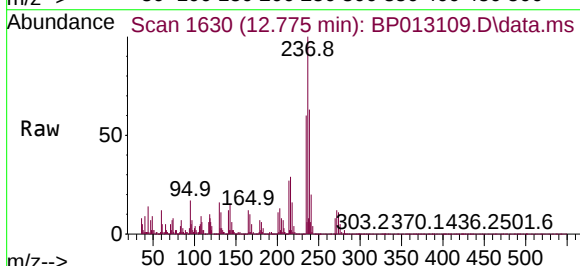
Manual Integrations
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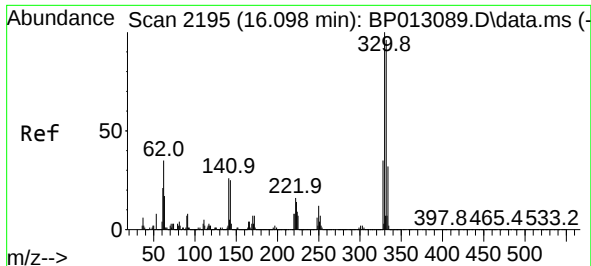
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#41
Hexachlorocyclopentadiene
Concen: 2.826 ng
RT: 12.775 min Scan# 1630
Delta R.T. -0.000 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

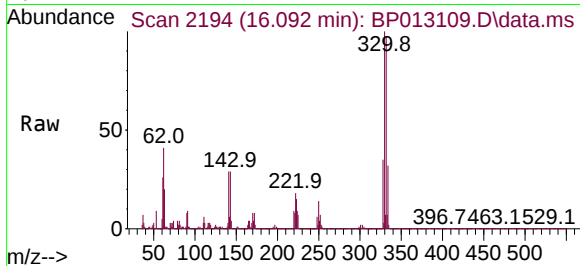
Tgt Ion:237 Resp: 47833
Ion Ratio Lower Upper
237 100
235 60.4 41.8 81.8
272 11.8 0.0 32.7





#42
2,4,6-Tribromophenol
Concen: 97.520 ng
RT: 16.092 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

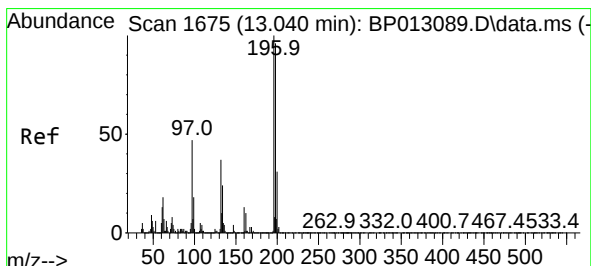
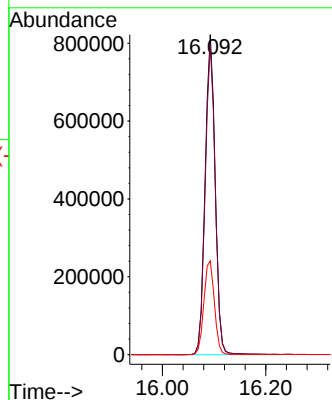
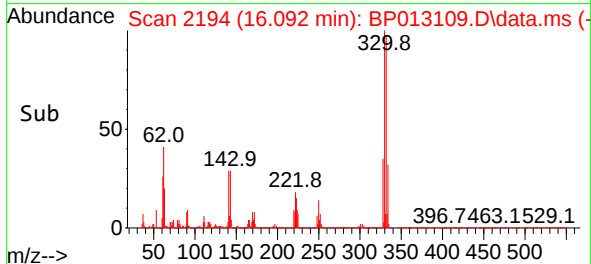
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2022



Tgt Ion:330 Resp: 1106183
Ion Ratio Lower Upper
330 100
332 96.6 77.5 116.3
141 30.8 23.2 34.8

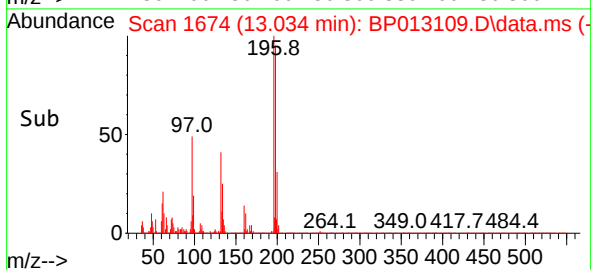
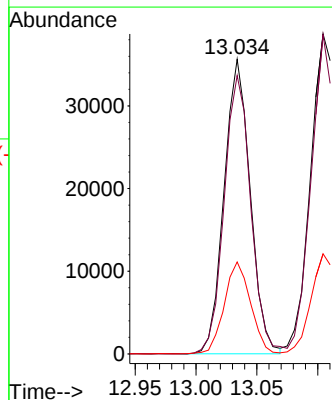
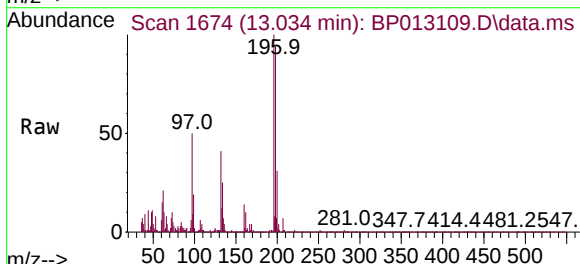
Manual Integrations
APPROVED

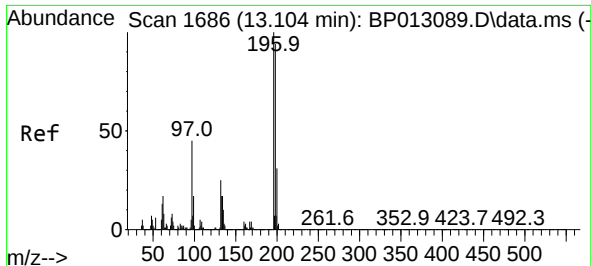
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#43
2,4,6-Trichlorophenol
Concen: 2.516 ng
RT: 13.034 min Scan# 1674
Delta R.T. -0.006 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

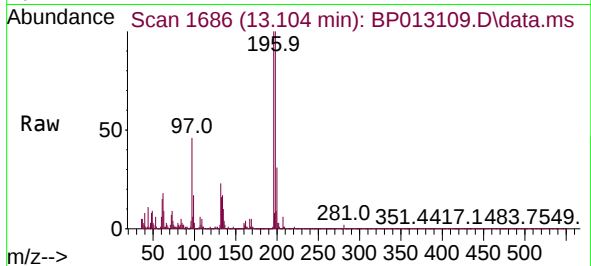
Tgt Ion:196 Resp: 53247
Ion Ratio Lower Upper
196 100
198 94.5 76.9 115.3
200 31.2 25.0 37.4





#44
2,4,5-Trichlorophenol
Concen: 2.647 ng
RT: 13.104 min Scan# 1686
Delta R.T. 0.000 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

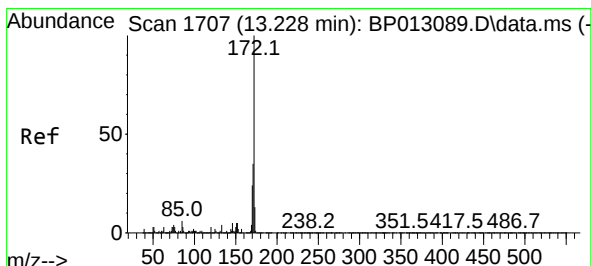
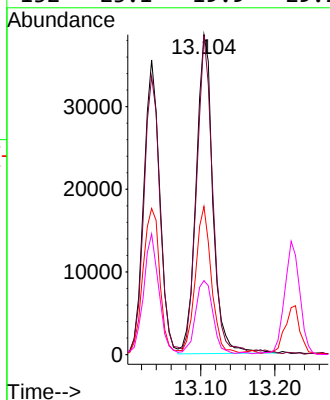
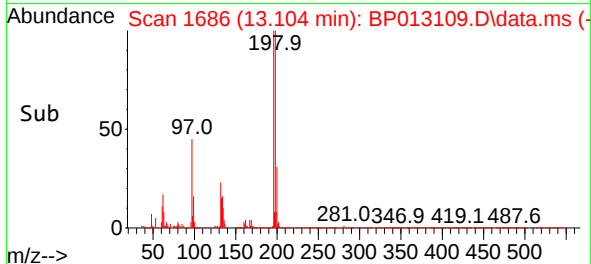
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2022



Tgt Ion:196 Resp: 60529
Ion Ratio Lower Upper
196 100
198 99.7 75.3 112.9
97 46.3 36.1 54.1
132 23.1 19.9 29.9

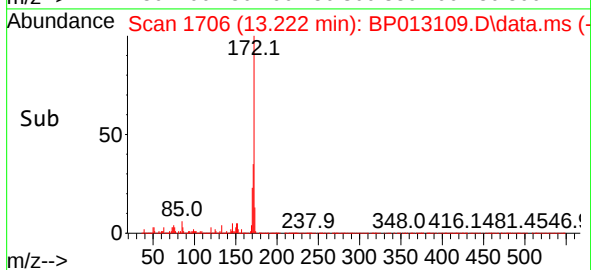
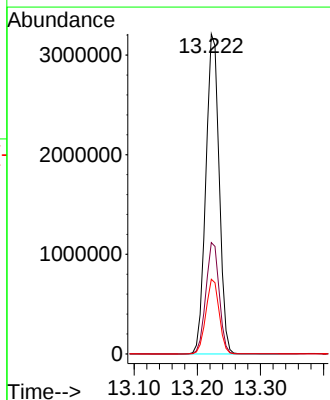
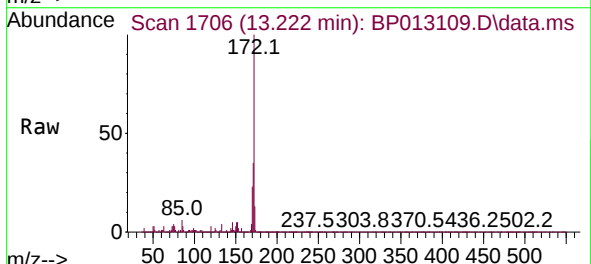
Manual Integrations
APPROVED

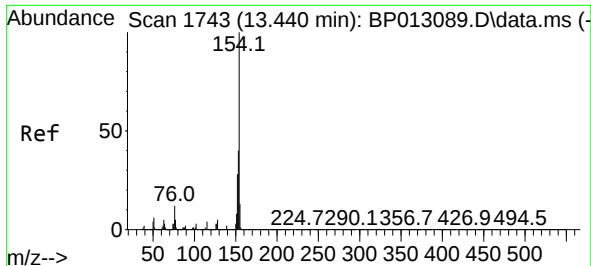
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#45
2-Fluorobiphenyl
Concen: 67.907 ng
RT: 13.222 min Scan# 1706
Delta R.T. -0.006 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

Tgt Ion:172 Resp: 4705274
Ion Ratio Lower Upper
172 100
171 34.8 28.3 42.5
170 23.3 19.2 28.8





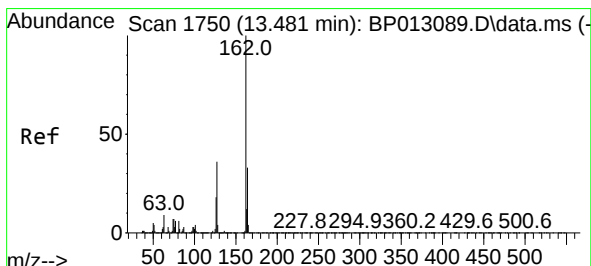
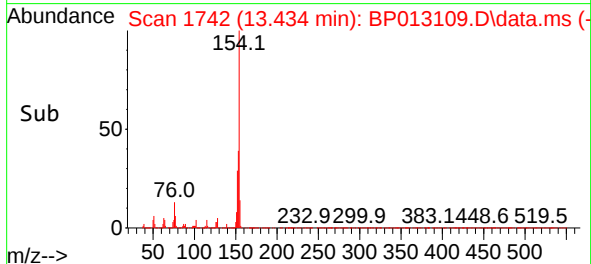
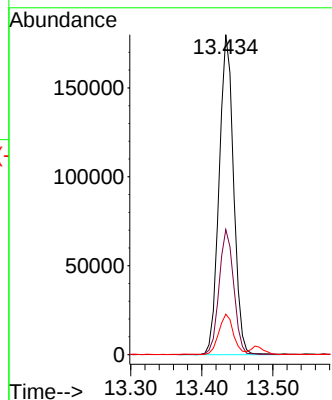
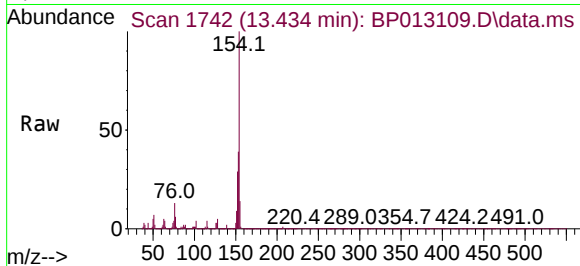
#46
1,1'-Biphenyl
Concen: 3.427 ng
RT: 13.434 min Scan# 1743
Delta R.T. -0.006 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2022

Tgt Ion:154 Resp: 254920
Ion Ratio Lower Upper
154 100
153 39.1 19.9 59.9
76 12.6 0.0 32.2

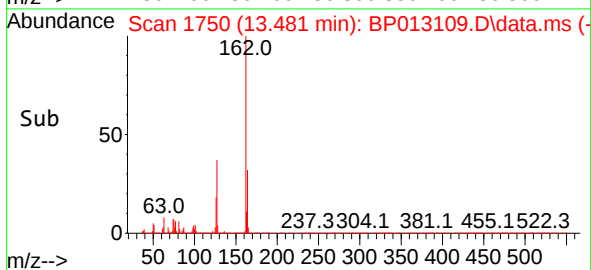
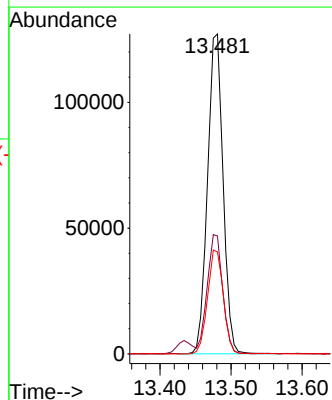
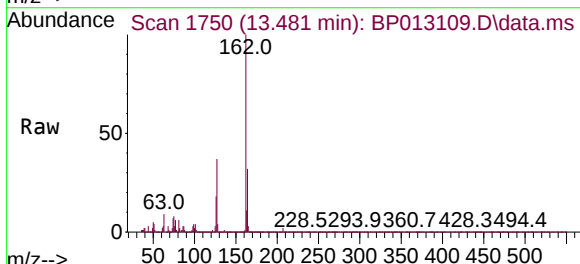
Manual Integrations
APPROVED

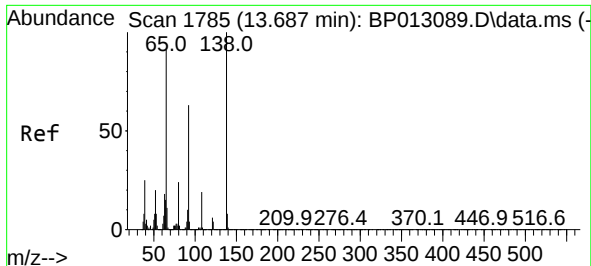
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#47
2-Chloronaphthalene
Concen: 3.265 ng
RT: 13.481 min Scan# 1750
Delta R.T. 0.000 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

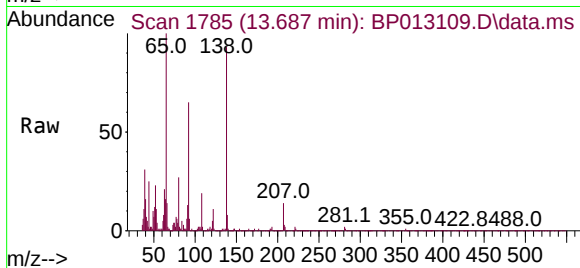
Tgt Ion:162 Resp: 193050
Ion Ratio Lower Upper
162 100
127 36.8 29.0 43.6
164 31.8 26.7 40.1





#48
2-Nitroaniline
Concen: 2.104 ng
RT: 13.687 min Scan# 1785
Delta R.T. -0.000 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

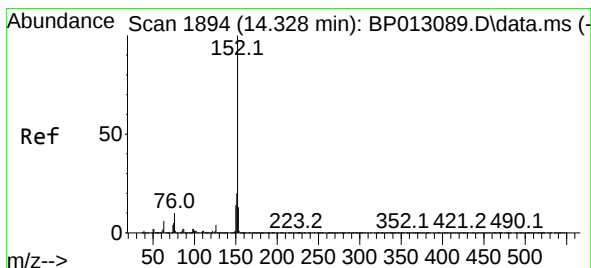
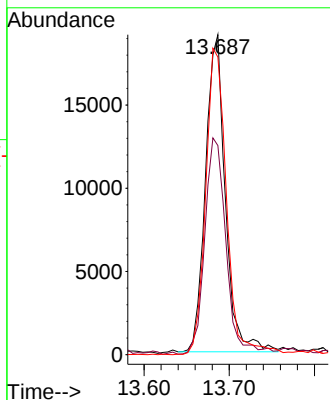
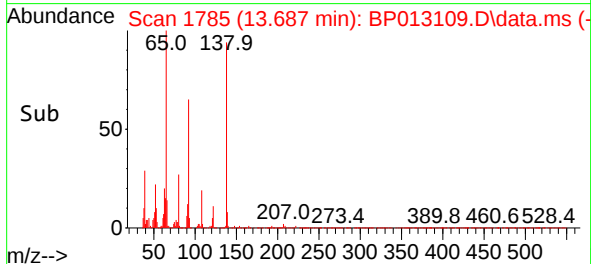
Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT4-2022



Tgt Ion: 65 Resp: 30773
Ion Ratio Lower Upper
65 100
92 65.3 55.4 83.2
138 93.0 88.1 132.1

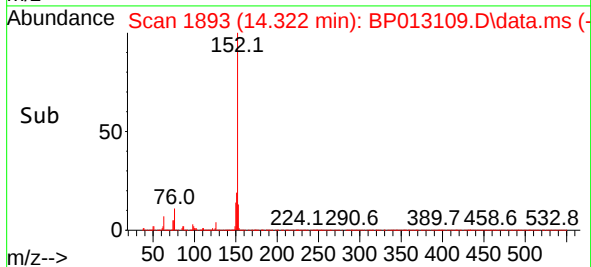
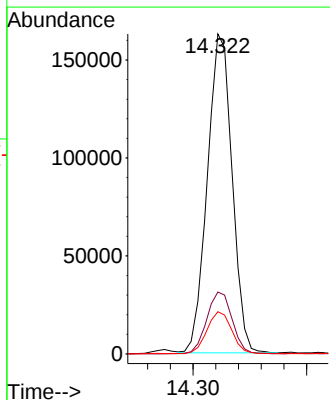
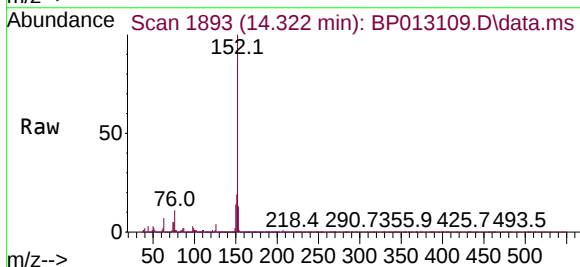
Manual Integrations
APPROVED

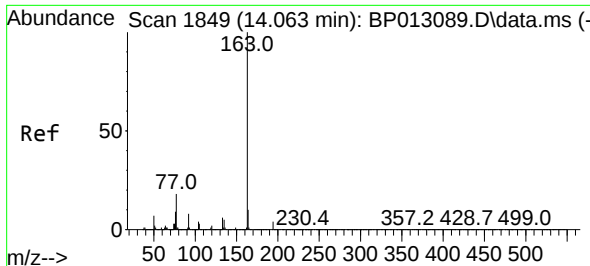
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#49
Acenaphthylene
Concen: 2.838 ng
RT: 14.322 min Scan# 1893
Delta R.T. -0.006 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

Tgt Ion:152 Resp: 246840
Ion Ratio Lower Upper
152 100
151 19.4 16.0 24.0
153 13.2 10.7 16.1





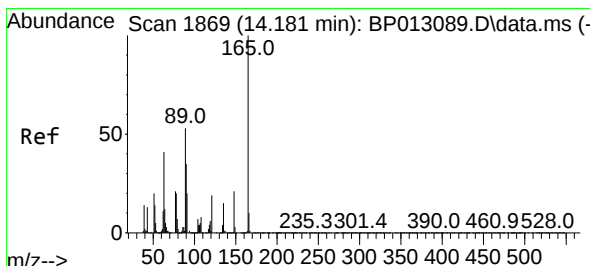
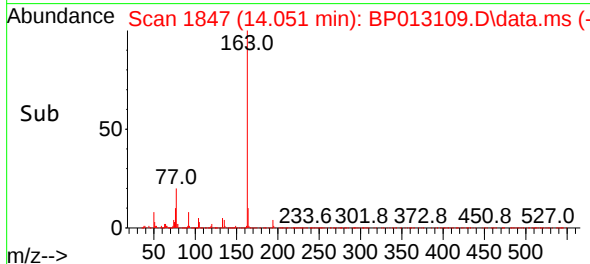
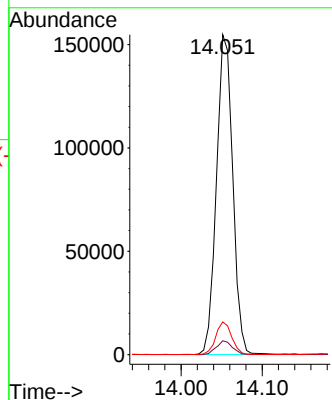
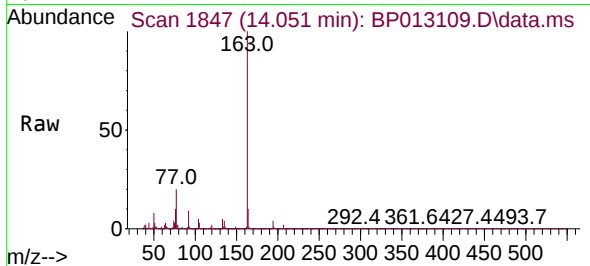
#50
Dimethylphthalate
Concen: 3.132 ng
RT: 14.051 min Scan# 1847
Delta R.T. -0.012 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2022

Tgt Ion:163 Resp: 21558
Ion Ratio Lower Upper
163 100
194 4.4 3.5 5.3
164 10.2 8.0 12.0

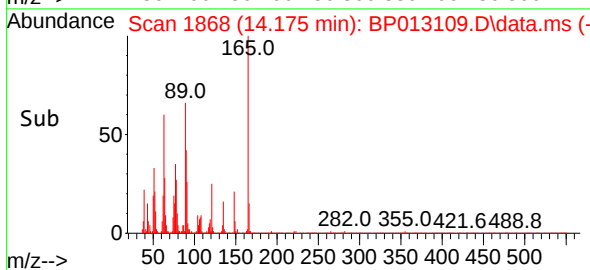
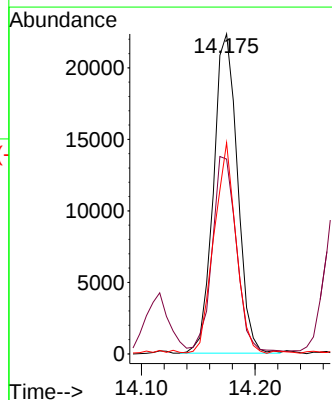
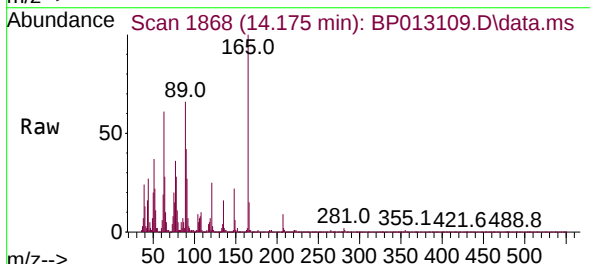
Manual Integrations
APPROVED

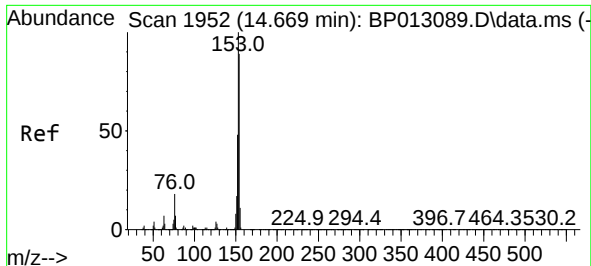
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#51
2,6-Dinitrotoluene
Concen: 2.322 ng
RT: 14.175 min Scan# 1868
Delta R.T. -0.006 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

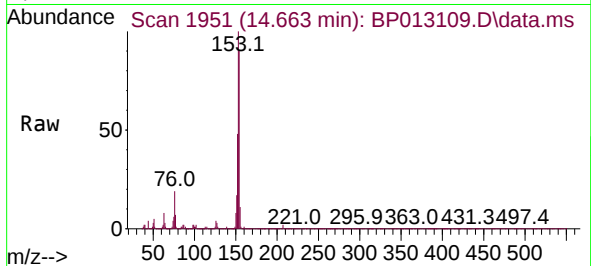
Tgt Ion:165 Resp: 32698
Ion Ratio Lower Upper
165 100
63 60.9 41.8 62.8
89 66.0 42.4 63.6





#52
Acenaphthene
Concen: 3.190 ng
RT: 14.663 min Scan# 1952
Delta R.T. -0.006 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

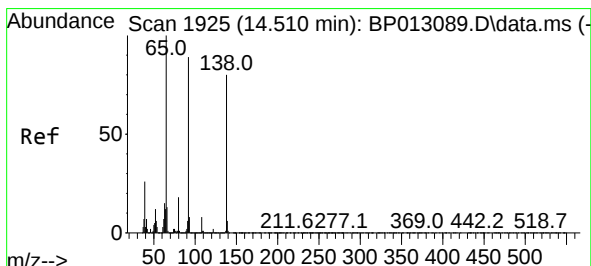
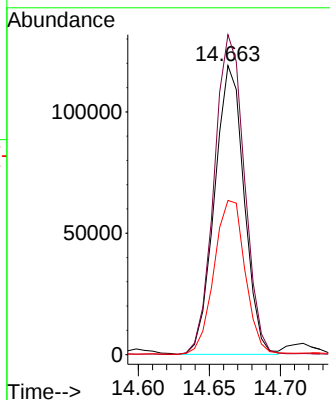
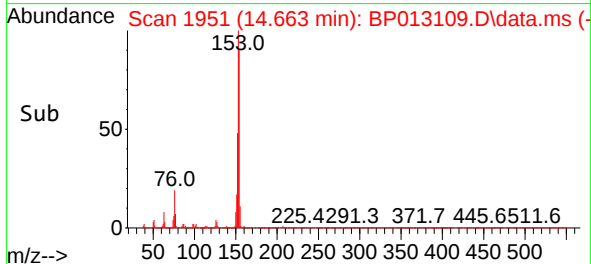
Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT4-2022



Tgt Ion:154 Resp: 172464
Ion Ratio Lower Upper
154 100
153 110.7 90.0 135.0
152 53.3 43.0 64.6

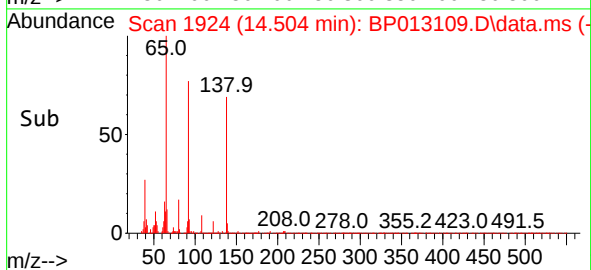
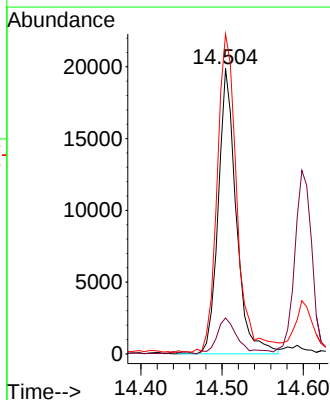
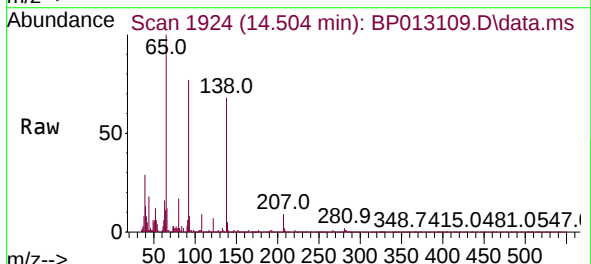
Manual Integrations
APPROVED

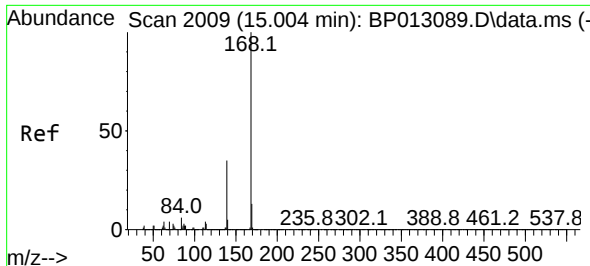
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#53
3-Nitroaniline
Concen: 2.120 ng
RT: 14.504 min Scan# 1924
Delta R.T. -0.006 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

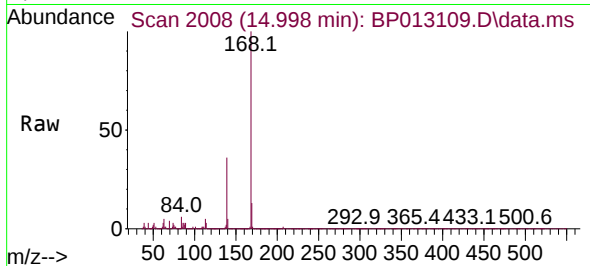
Tgt Ion:138 Resp: 30436
Ion Ratio Lower Upper
138 100
108 12.6 7.8 11.6#
92 112.1 89.2 133.8





#55
Dibenzofuran
Concen: 3.384 ng
RT: 14.998 min Scan# 2000
Delta R.T. -0.006 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

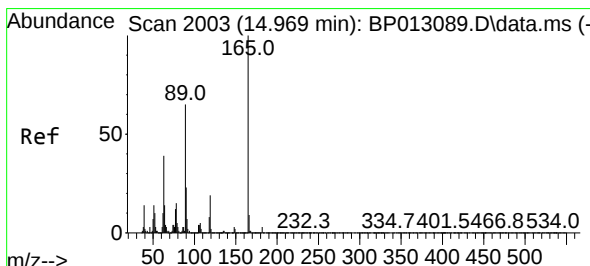
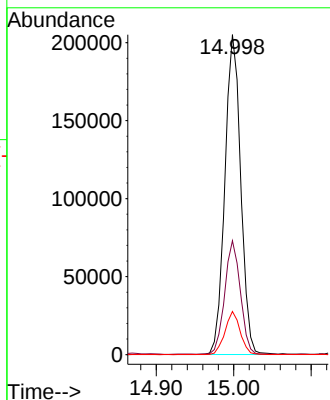
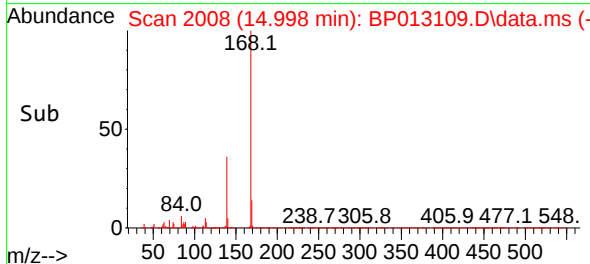
Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT4-2022



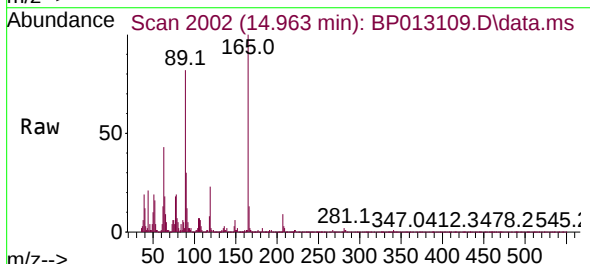
Tgt Ion:168 Resp: 292796
Ion Ratio Lower Upper
168 100
139 35.6 27.8 41.8
169 13.5 10.7 16.1

Manual Integrations
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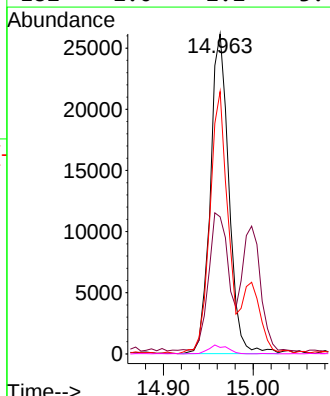
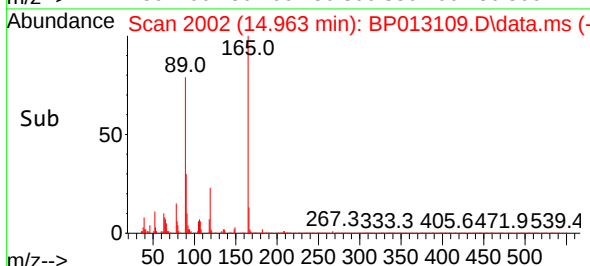
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022

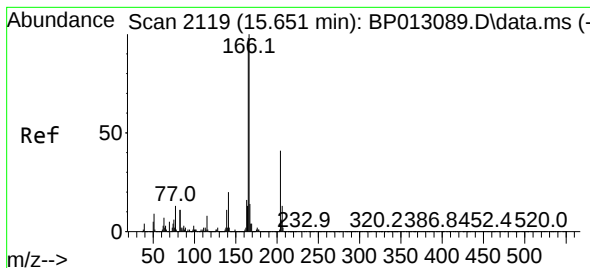


#57
2,4-Dinitrotoluene
Concen: 2.133 ng
RT: 14.963 min Scan# 2002
Delta R.T. -0.006 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11



Tgt Ion:165 Resp: 37552
Ion Ratio Lower Upper
165 100
63 42.8 31.4 47.2
89 82.0 52.1 78.1#
182 2.0 2.2 3.4#





#58

Fluorene

Concen: 3.267 ng

RT: 15.651 min Scan# 2119

Delta R.T. 0.000 min

Lab File: BP013109.D

Acq: 14 Dec 2022 17:11

Instrument :

BNA_P

ClientSampleId :

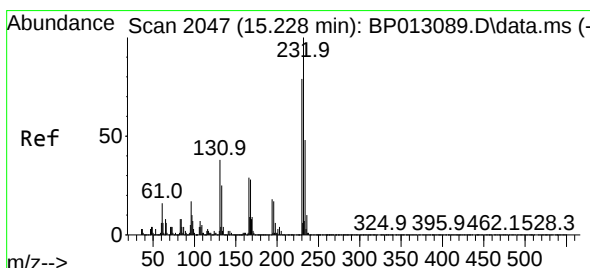
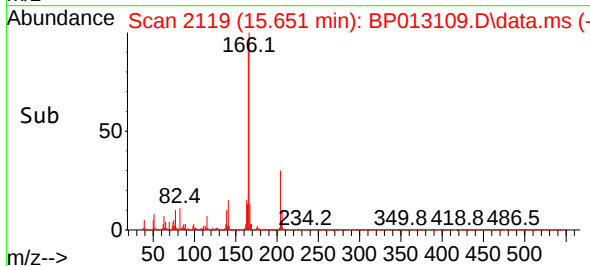
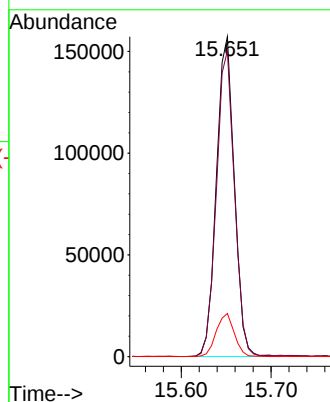
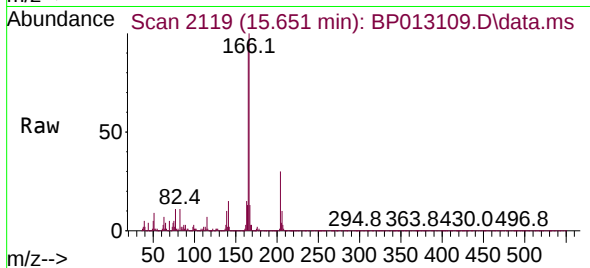
MDL-WATER-03-QT4-2022

Tgt Ion:	166	Resp:	218760
Ion Ratio	Lower	Upper	
166	100		
165	95.6	78.2	117.4
167	13.5	11.2	16.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#59

2,3,4,6-Tetrachlorophenol

Concen: 2.580 ng m

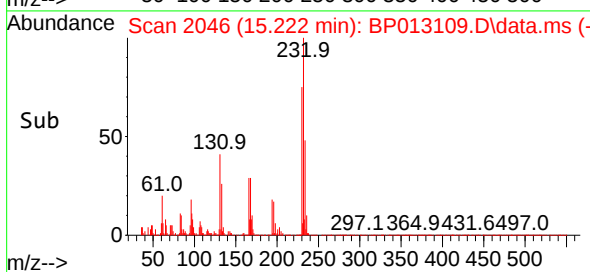
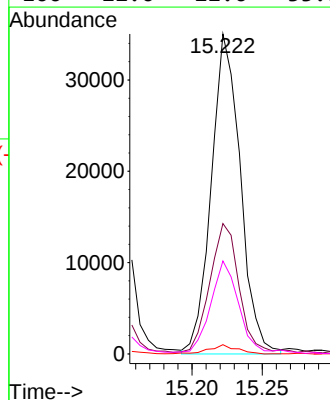
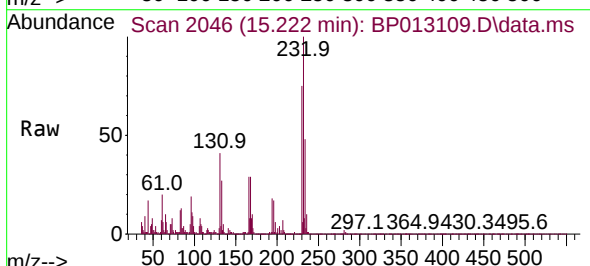
RT: 15.222 min Scan# 2046

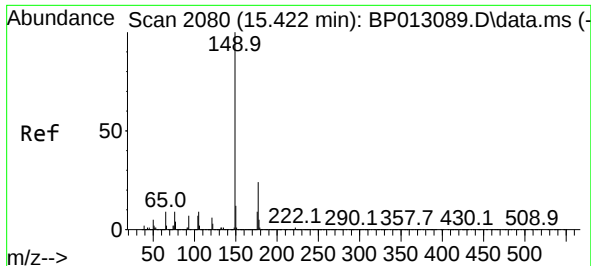
Delta R.T. -0.006 min

Lab File: BP013109.D

Acq: 14 Dec 2022 17:11

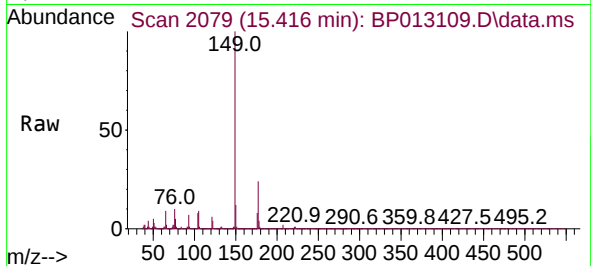
Tgt Ion:	232	Resp:	50431
Ion Ratio	Lower	Upper	
232	100		
131	35.6	30.8	46.2
130	2.4	1.7	2.5
166	22.6	22.6	33.8





#60
Diethylphthalate
Concen: 3.057 ng
RT: 15.416 min Scan# 2080
Delta R.T. -0.006 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

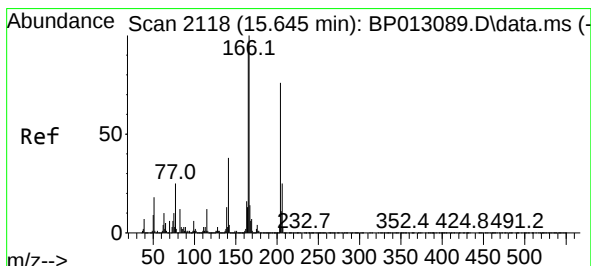
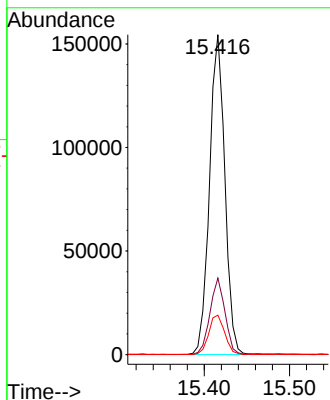
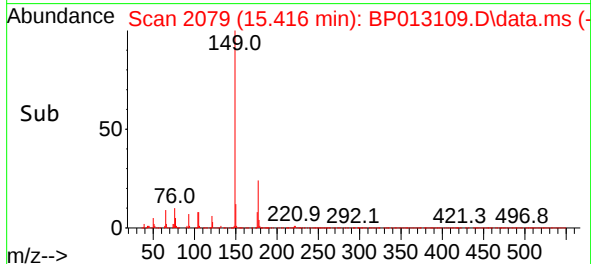
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2022



Tgt Ion:149 Resp: 193418
Ion Ratio Lower Upper
149 100
177 23.9 19.0 28.4
150 12.3 9.9 14.9

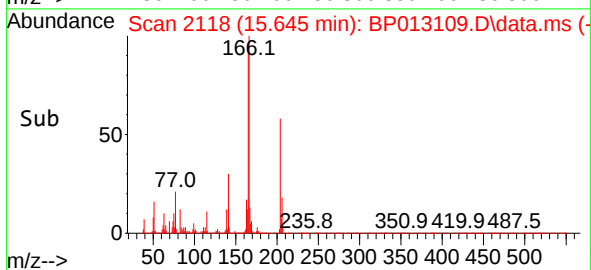
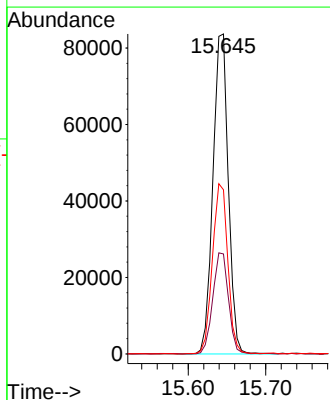
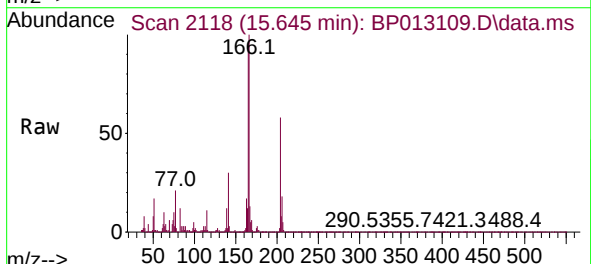
Manual Integrations
APPROVED

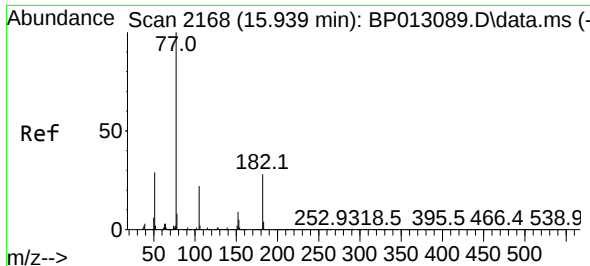
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#61
4-Chlorophenyl-phenylether
Concen: 3.324 ng
RT: 15.645 min Scan# 2118
Delta R.T. 0.000 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

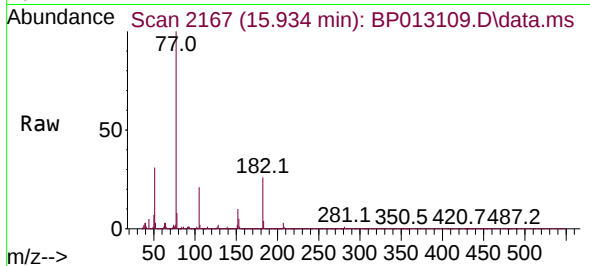
Tgt Ion:204 Resp: 115210
Ion Ratio Lower Upper
204 100
206 31.2 26.6 39.8
141 51.3 39.9 59.9





#63
Azobenzene
Concen: 2.728 ng
RT: 15.934 min Scan# 2168
Delta R.T. -0.006 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

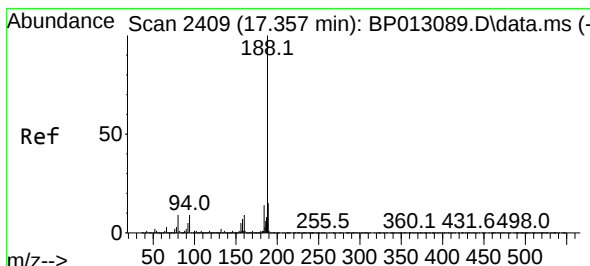
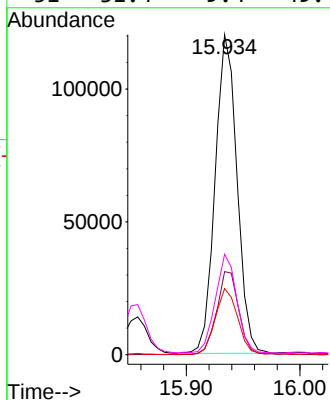
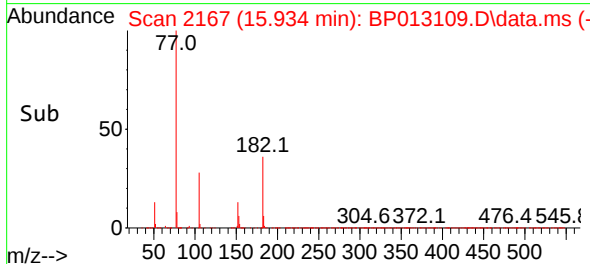
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2022



Tgt Ion: 77 Resp: 160383
Ion Ratio Lower Upper
77 100
182 25.9 8.3 48.3
105 20.6 1.6 41.6
51 31.4 9.4 49.4

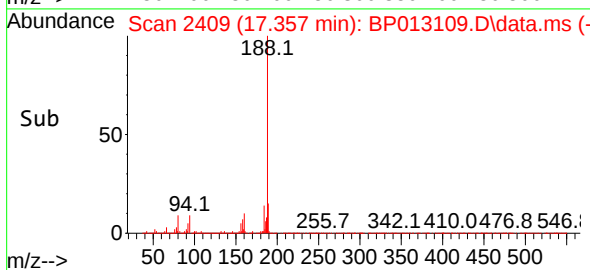
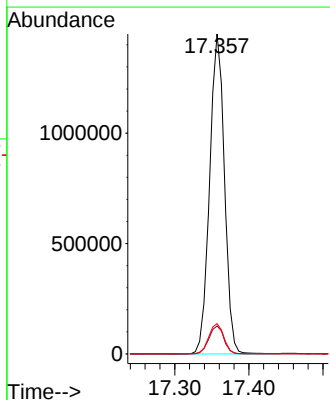
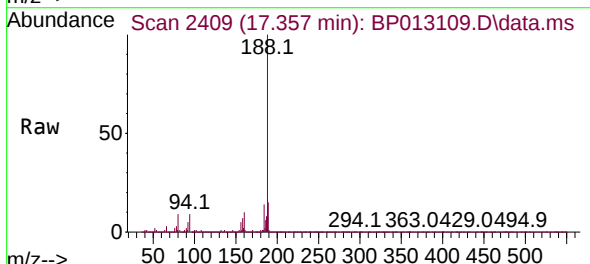
Manual Integrations
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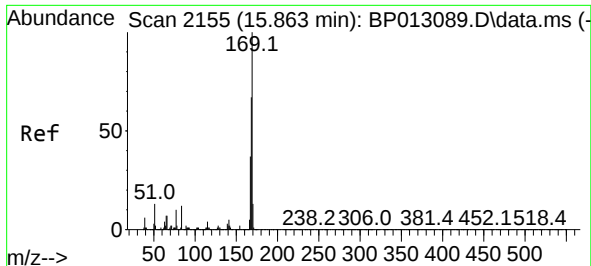
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.357 min Scan# 2409
Delta R.T. 0.000 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

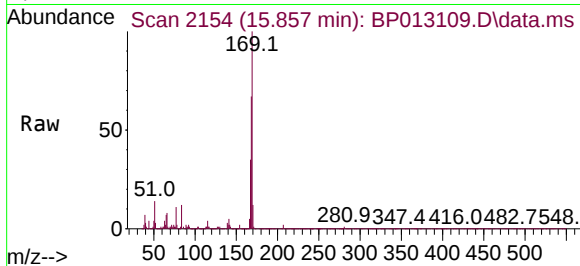
Tgt Ion:188 Resp: 2019564
Ion Ratio Lower Upper
188 100
94 8.7 7.0 10.6
80 9.5 7.5 11.3





#66
n-Nitrosodiphenylamine
Concen: 2.750 ng
RT: 15.857 min Scan# 2155
Delta R.T. -0.006 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

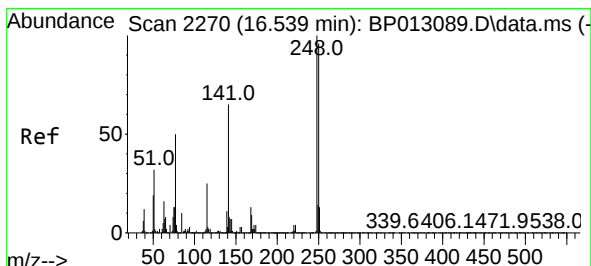
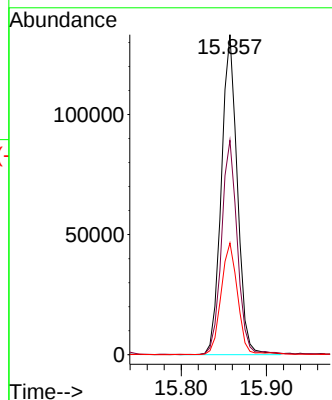
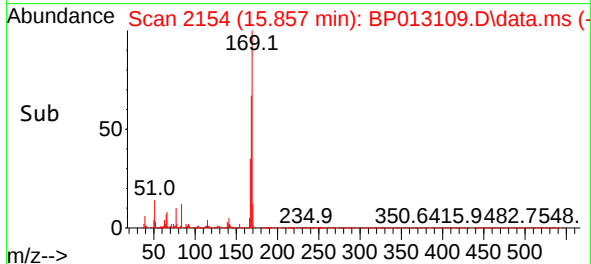
Instrument : BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2022



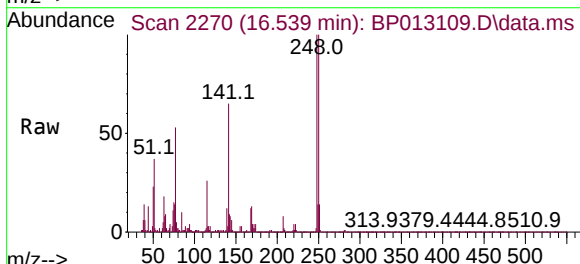
Tgt Ion:169 Resp: 173412
Ion Ratio Lower Upper
169 100
168 67.0 53.4 80.2
167 34.9 29.4 44.0

Manual Integrations
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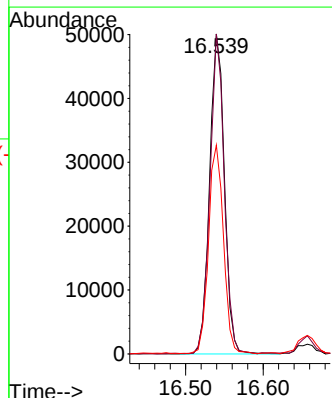
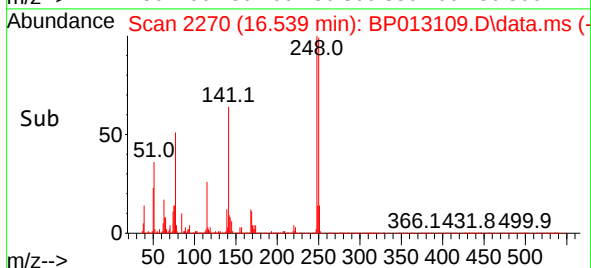
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022

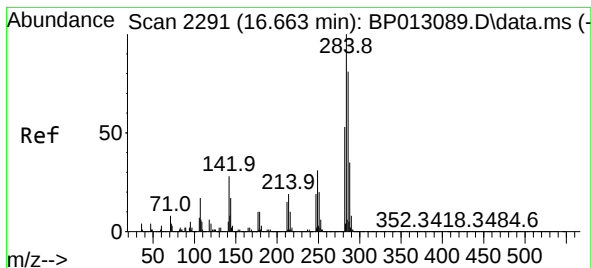


#67
4-Bromophenyl-phenylether
Concen: 2.779 ng
RT: 16.539 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11



Tgt Ion:248 Resp: 66354
Ion Ratio Lower Upper
248 100
250 100.0 76.4 114.6
141 65.2 51.8 77.6





#68

Hexachlorobenzene

Concen: 2.964 ng

RT: 16.657 min Scan# 2291

Delta R.T. -0.006 min

Lab File: BP013109.D

Acq: 14 Dec 2022 17:11

Instrument :

BNA_P

ClientSampleId :

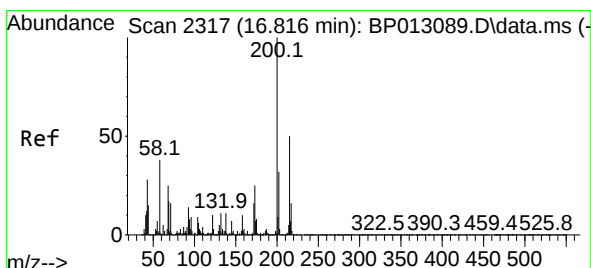
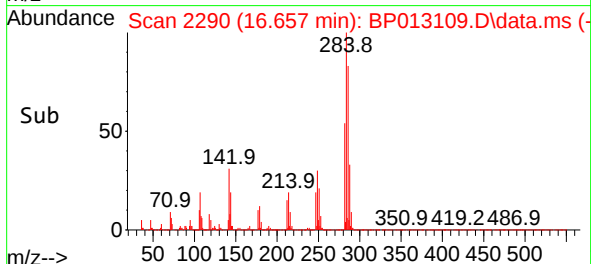
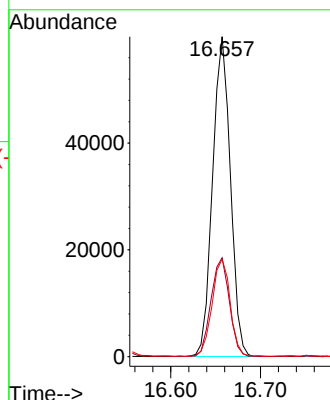
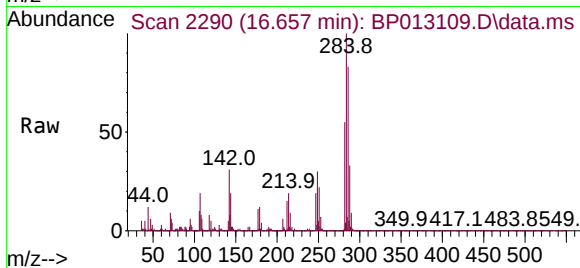
MDL-WATER-03-QT4-2022

Tgt Ion:284	Resp:	82878
Ion Ratio	Lower	Upper
284	100	
142	30.9	22.6 34.0
249	30.5	24.5 36.7

Manual Integrations

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Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#69

Atrazine

Concen: 3.001 ng

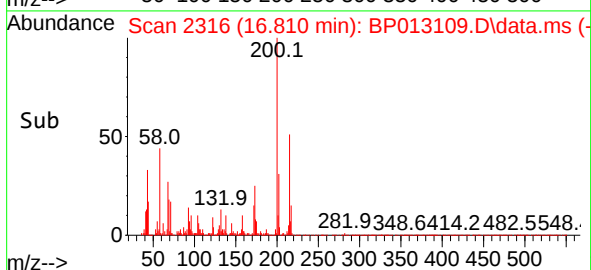
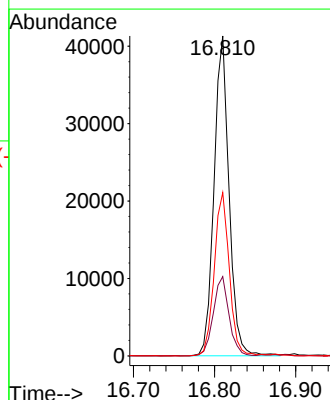
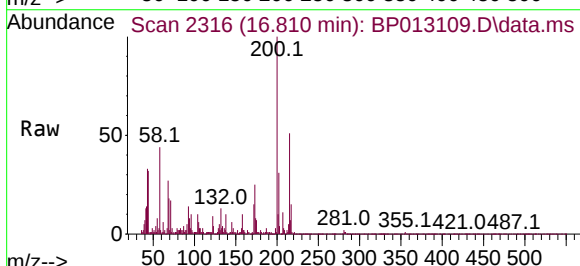
RT: 16.810 min Scan# 2316

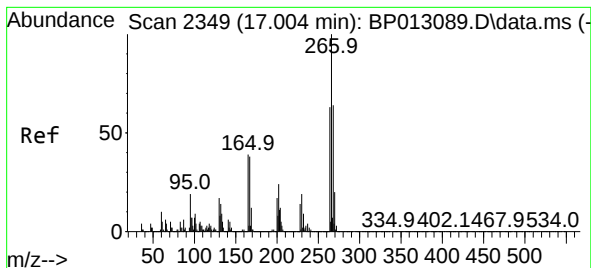
Delta R.T. -0.006 min

Lab File: BP013109.D

Acq: 14 Dec 2022 17:11

Tgt Ion:200	Resp:	53087
Ion Ratio	Lower	Upper
200	100	
173	24.8	4.7 44.7
215	51.0	29.5 69.5





#70

Pentachlorophenol

Concen: 2.054 ng m

RT: 17.004 min Scan# 2349

Delta R.T. 0.000 min

Lab File: BP013109.D

Acq: 14 Dec 2022 17:11

Instrument :

BNA_P

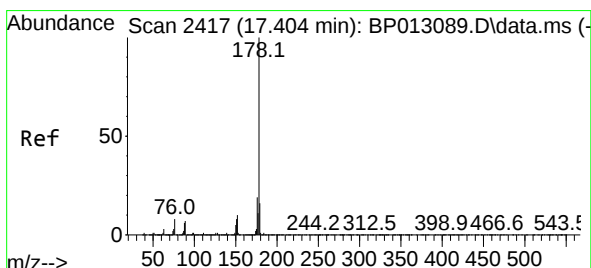
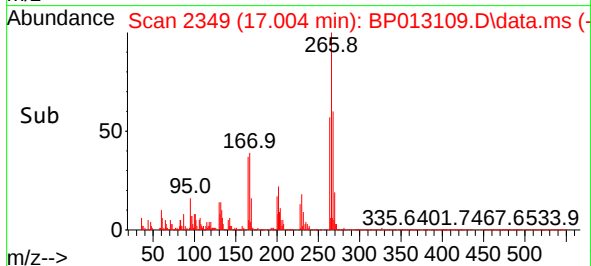
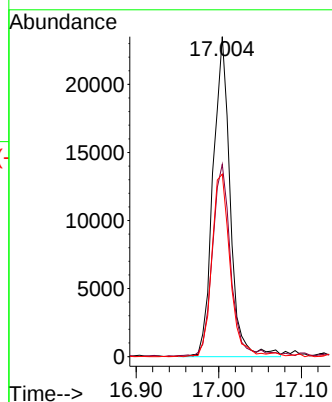
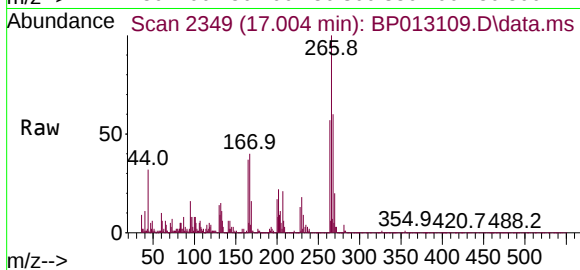
ClientSampleId :

MDL-WATER-03-QT4-2022

Tgt Ion:	266	Resp:	33818
Ion Ratio	Lower	Upper	
266	100		
268	60.1	50.9	76.3
264	57.0	50.6	76.0

Manual Integrations
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Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#71

Phenanthrene

Concen: 3.168 ng

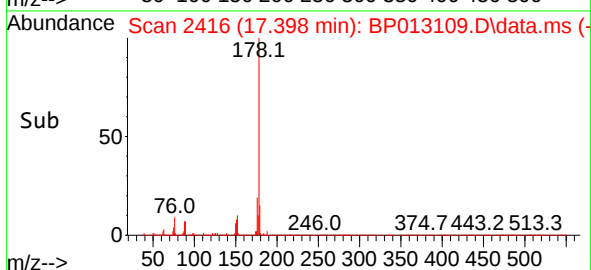
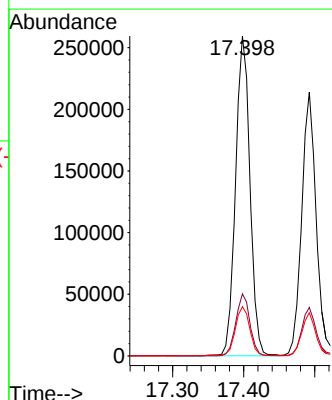
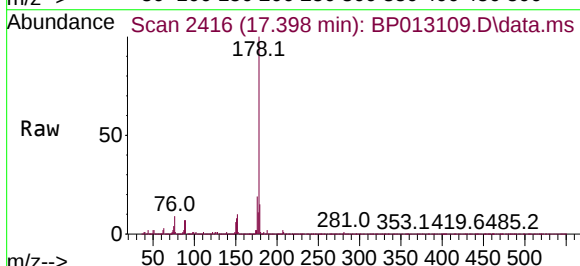
RT: 17.398 min Scan# 2416

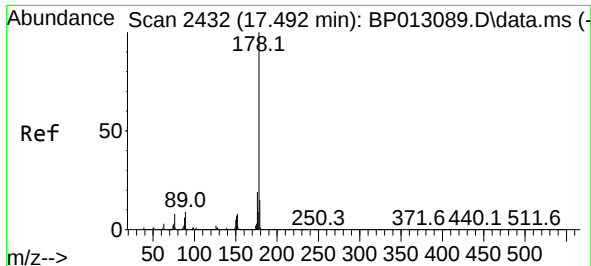
Delta R.T. -0.006 min

Lab File: BP013109.D

Acq: 14 Dec 2022 17:11

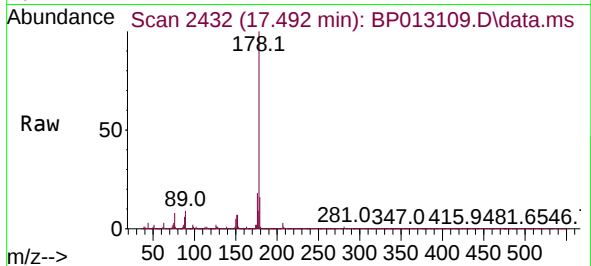
Tgt Ion:	178	Resp:	364105
Ion Ratio	Lower	Upper	
178	100		
176	19.4	15.5	23.3
179	15.4	12.6	18.8





#72
 Anthracene
 Concen: 2.885 ng
 RT: 17.492 min Scan# 2432
 Delta R.T. 0.000 min
 Lab File: BP013109.D
 Acq: 14 Dec 2022 17:11

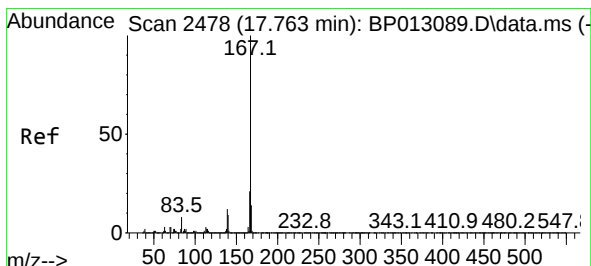
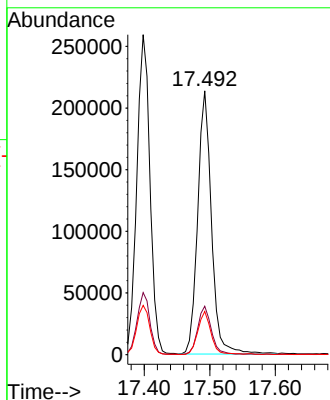
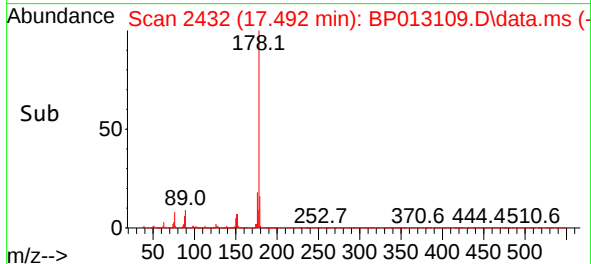
Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-03-QT4-2022



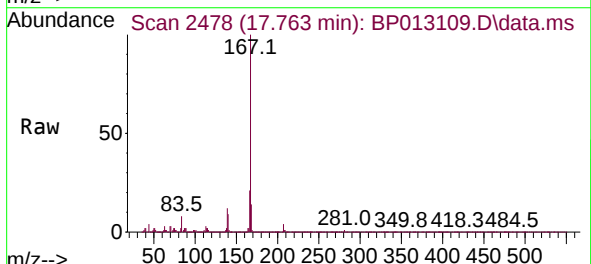
Tgt Ion:178 Resp: 311284
 Ion Ratio Lower Upper
 178 100
 176 18.4 14.8 22.2
 179 16.3 12.4 18.6

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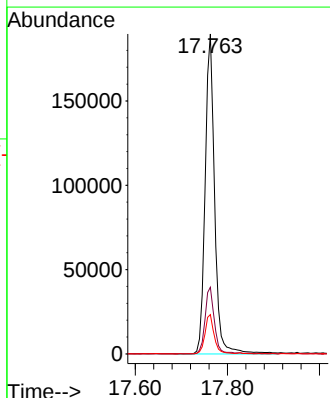
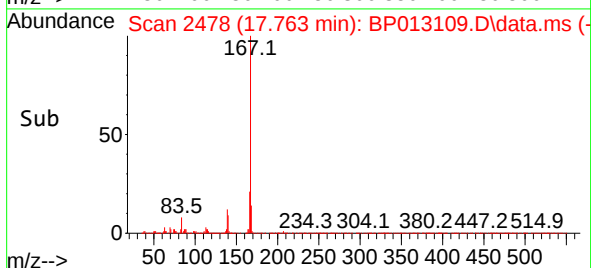
Reviewed By :Jagrut Upadhyay 12/15/2022
 Supervised By :mohammad ahmed 12/17/2022

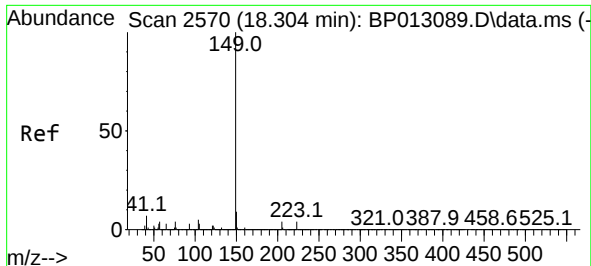


#73
 Carbazole
 Concen: 2.859 ng
 RT: 17.763 min Scan# 2478
 Delta R.T. 0.000 min
 Lab File: BP013109.D
 Acq: 14 Dec 2022 17:11



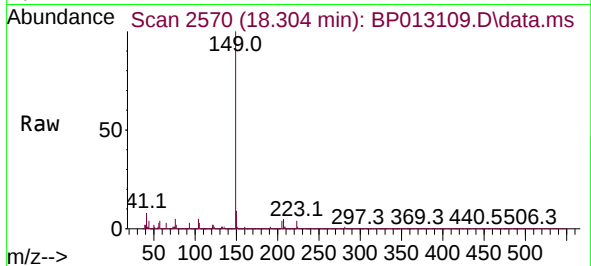
Tgt Ion:167 Resp: 270362
 Ion Ratio Lower Upper
 167 100
 166 20.8 17.1 25.7
 139 12.3 9.7 14.5





#74
Di-n-butylphthalate
Concen: 2.421 ng
RT: 18.304 min Scan# 2570
Delta R.T. 0.000 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

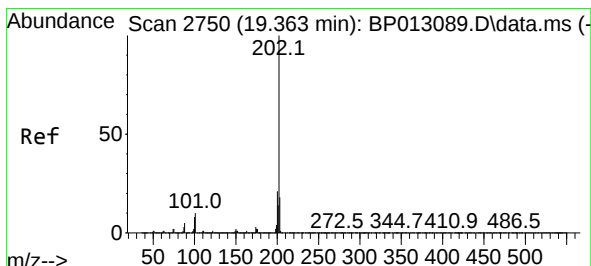
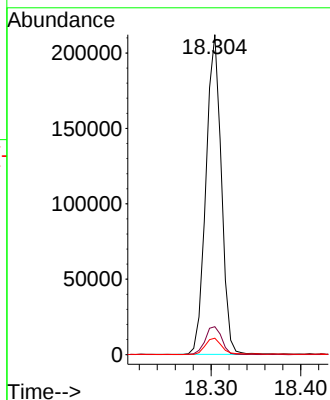
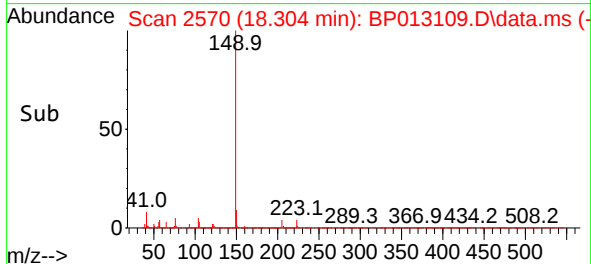
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2022



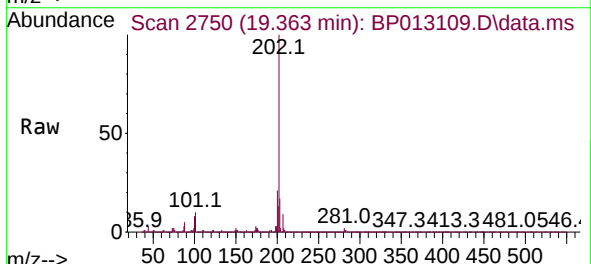
Tgt Ion:149 Resp: 251835
Ion Ratio Lower Upper
149 100
150 8.7 7.4 11.2
104 5.1 3.8 5.6

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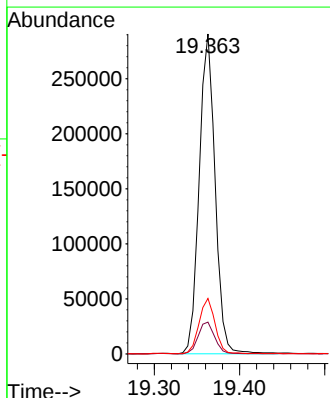
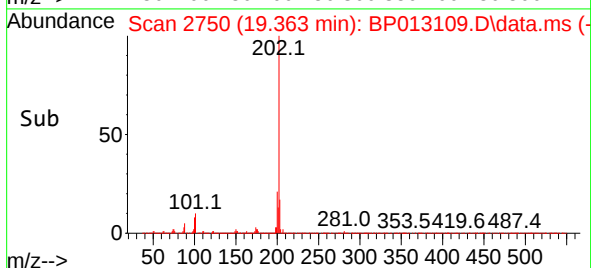
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022

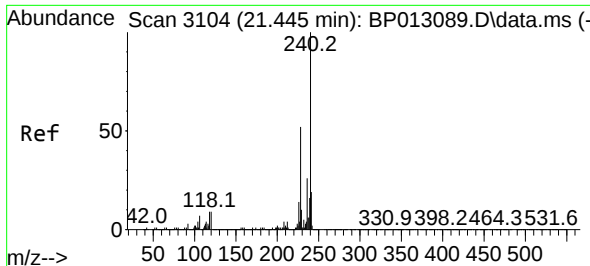


#75
Fluoranthene
Concen: 3.050 ng
RT: 19.363 min Scan# 2750
Delta R.T. 0.000 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11



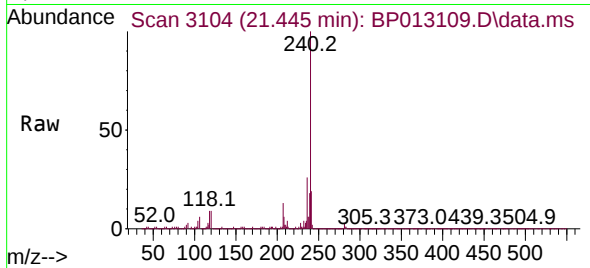
Tgt Ion:202 Resp: 377210
Ion Ratio Lower Upper
202 100
101 9.9 0.0 30.0
203 17.3 0.0 37.6





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.445 min Scan# 3104
Delta R.T. 0.000 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

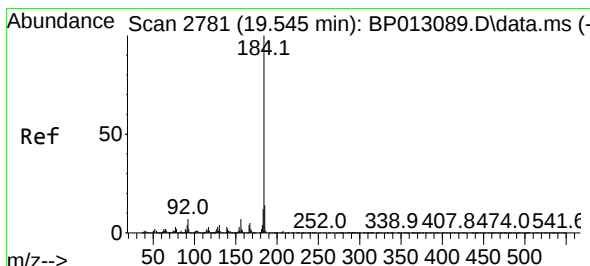
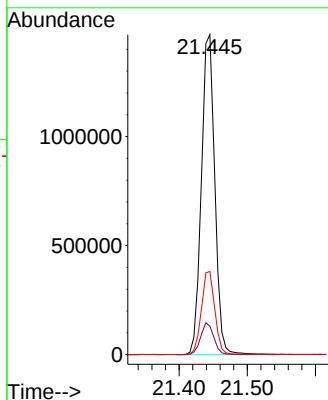
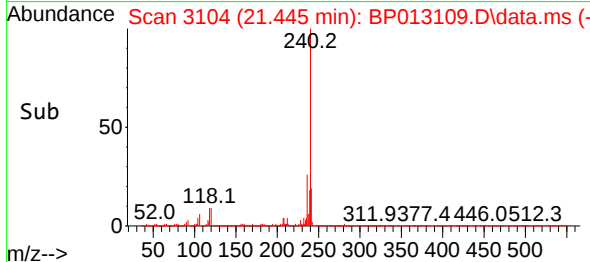
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2022



Tgt Ion:240 Resp: 2013504
Ion Ratio Lower Upper
240 100
120 8.9 7.4 11.2
236 26.0 21.0 31.4

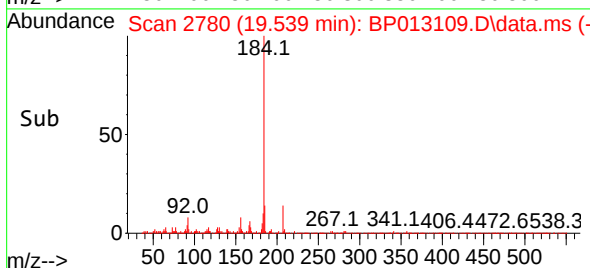
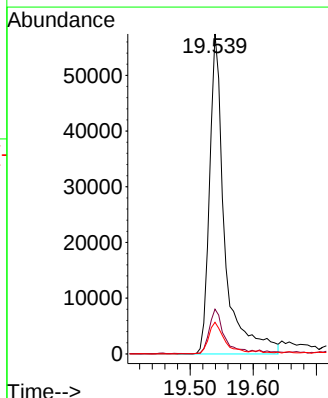
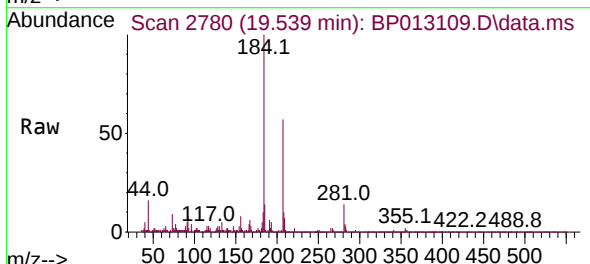
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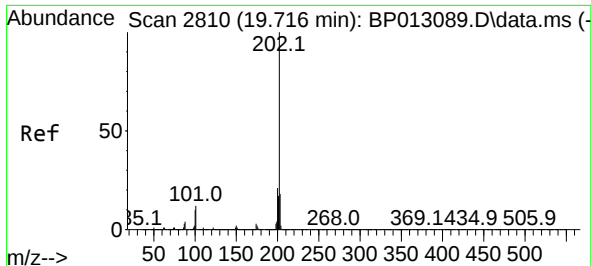
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#77
Benzidine
Concen: 3.343 ng
RT: 19.539 min Scan# 2780
Delta R.T. -0.006 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

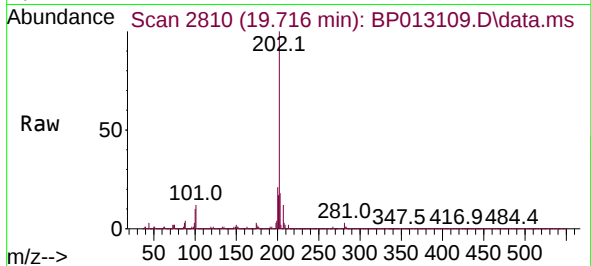
Tgt Ion:184 Resp: 95622
Ion Ratio Lower Upper
184 100
185 14.0 11.6 17.4
183 9.9 9.4 14.0





#78
Pyrene
Concen: 2.780 ng
RT: 19.716 min Scan# 2810
Delta R.T. 0.000 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

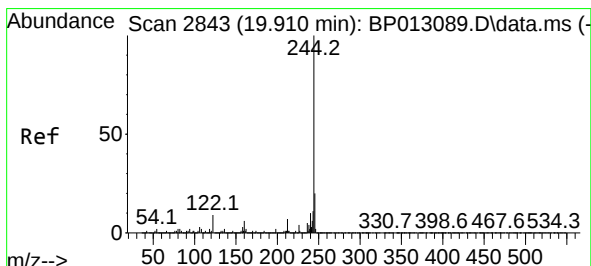
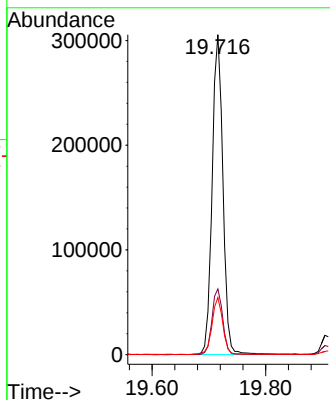
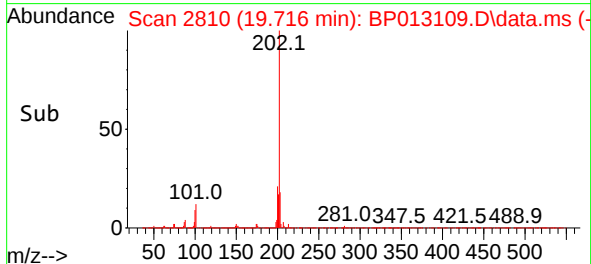
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2022



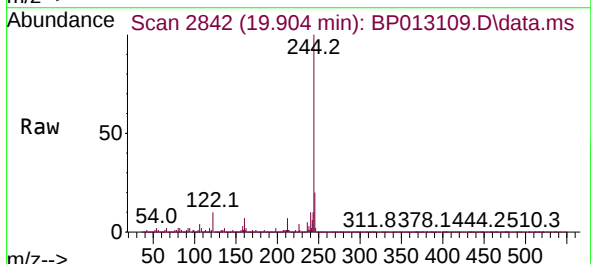
Tgt Ion:202 Resp: 402198
Ion Ratio Lower Upper
202 100
200 20.6 17.0 25.4
203 17.8 14.2 21.2

Manual Integrations
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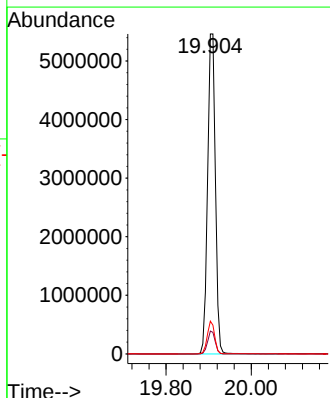
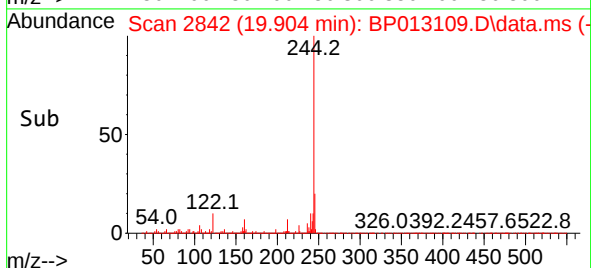
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022

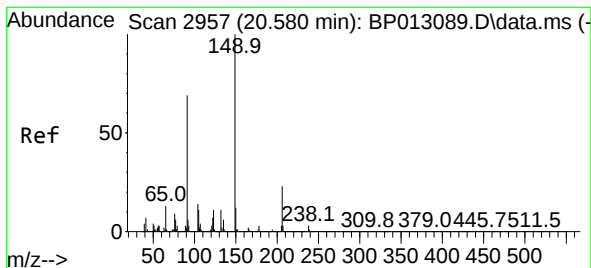


#79
Terphenyl-d14
Concen: 67.551 ng
RT: 19.904 min Scan# 2842
Delta R.T. -0.006 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11



Tgt Ion:244 Resp: 6894223
Ion Ratio Lower Upper
244 100
212 7.1 5.5 8.3
122 10.3 7.2 10.8





#80

Butylbenzylphthalate

Concen: 2.145 ng

RT: 20.580 min Scan# 2957

Delta R.T. 0.000 min

Lab File: BP013109.D

Acq: 14 Dec 2022 17:11

Instrument :

BNA_P

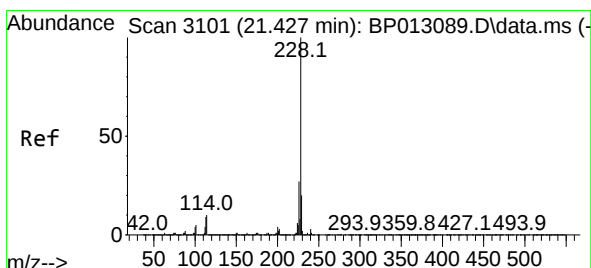
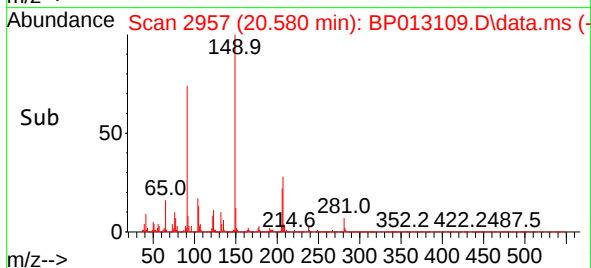
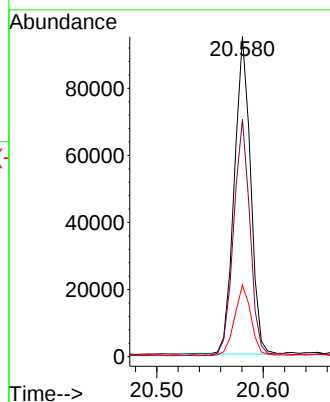
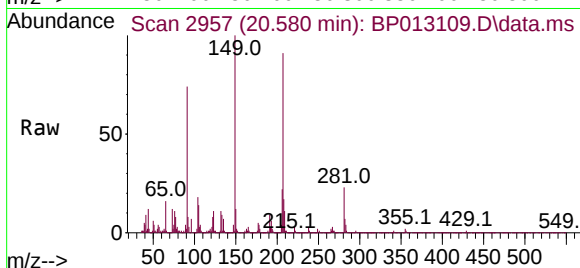
ClientSampleId :

MDL-WATER-03-QT4-2022

Tgt Ion:	149	Resp:	100599
Ion Ratio	Lower	Upper	
149	100		
91	74.2	55.2	82.8
206	22.4	18.3	27.5

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Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#81

Benzo(a)anthracene

Concen: 3.085 ng

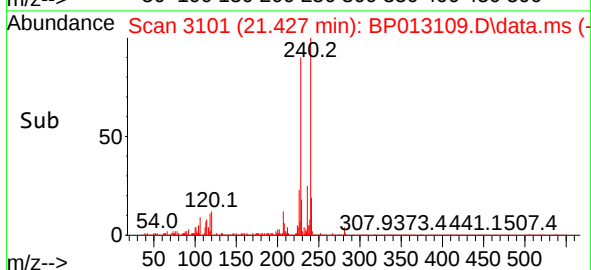
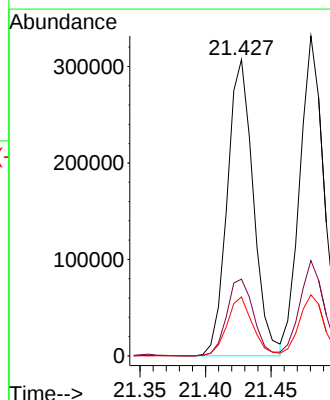
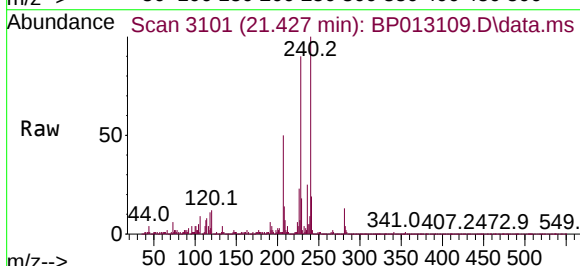
RT: 21.427 min Scan# 3101

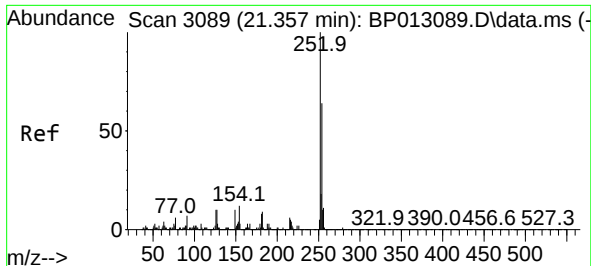
Delta R.T. 0.000 min

Lab File: BP013109.D

Acq: 14 Dec 2022 17:11

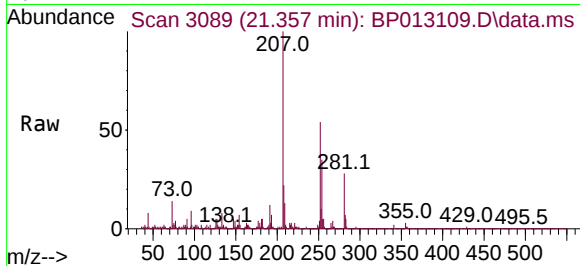
Tgt Ion:	228	Resp:	424632
Ion Ratio	Lower	Upper	
228	100		
226	25.9	22.0	33.0
229	19.9	16.2	24.4





#82
3,3'-Dichlorobenzidine
Concen: 2.938 ng
RT: 21.357 min Scan# 3089
Delta R.T. 0.000 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

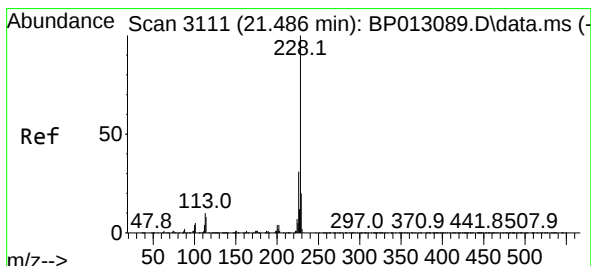
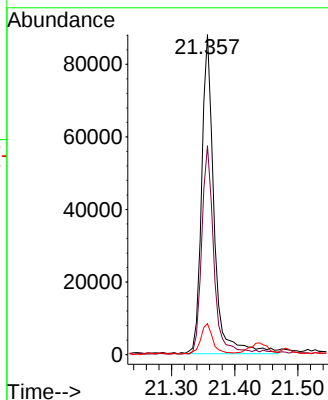
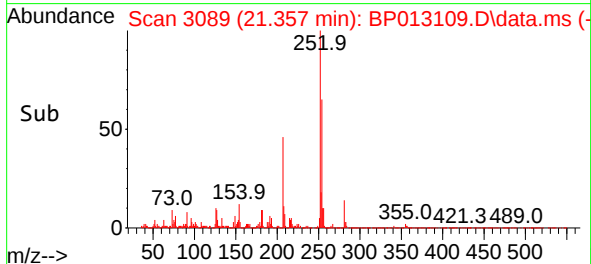
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2022



Tgt Ion:252 Resp: 120388
Ion Ratio Lower Upper
252 100
254 65.3 51.0 76.4
126 9.7 7.8 11.8

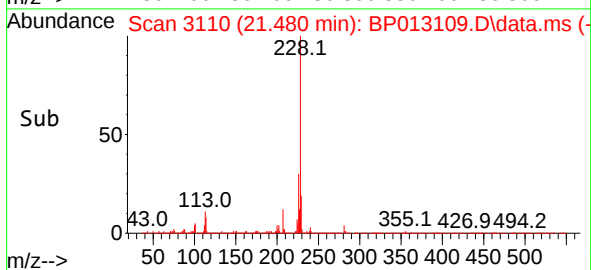
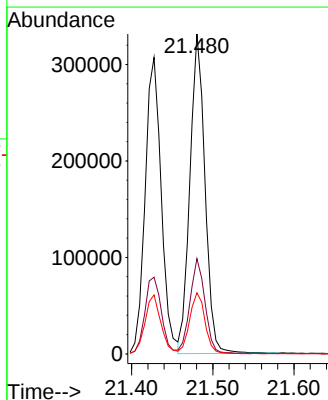
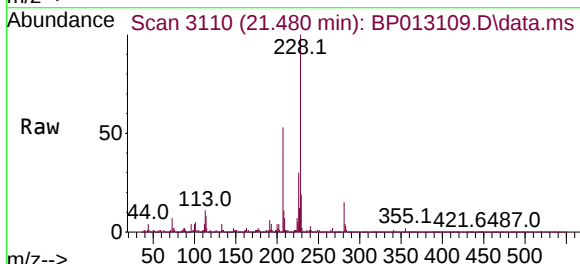
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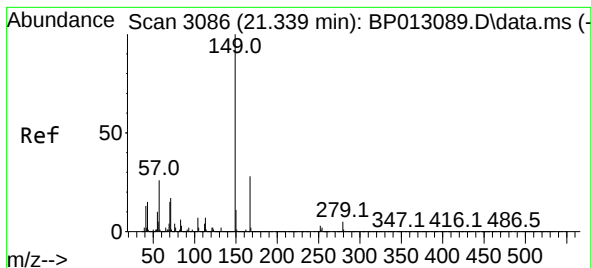
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#83
Chrysene
Concen: 3.171 ng
RT: 21.480 min Scan# 3110
Delta R.T. -0.006 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

Tgt Ion:228 Resp: 425705
Ion Ratio Lower Upper
228 100
226 29.8 24.3 36.5
229 19.1 16.0 24.0





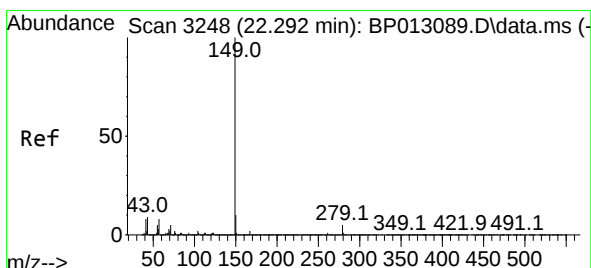
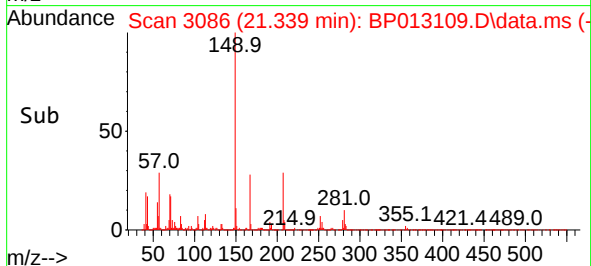
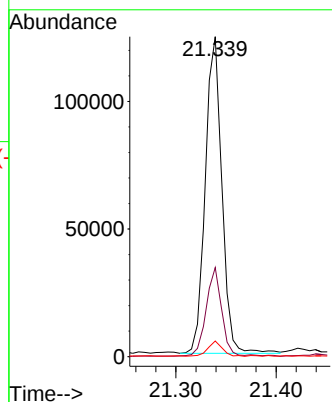
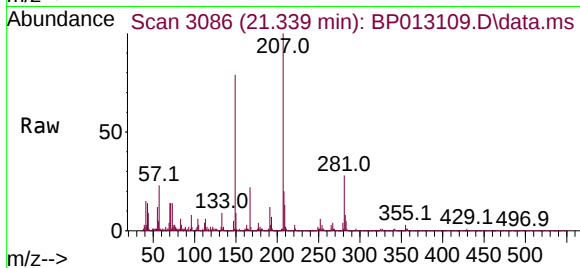
#84
Bis(2-ethylhexyl)phthalate
Concen: 2.228 ng
RT: 21.339 min Scan# 3086
Delta R.T. 0.000 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

Instrument : BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2022

Tgt Ion:149 Resp: 142165
Ion Ratio Lower Upper
149 100
167 27.8 22.6 34.0
279 4.9 3.8 5.6

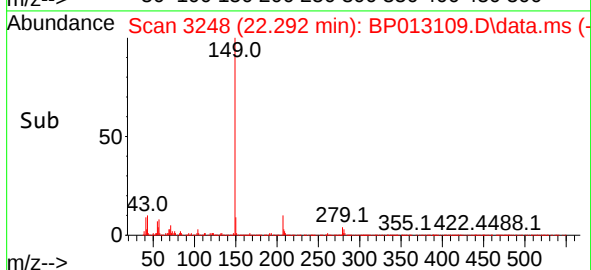
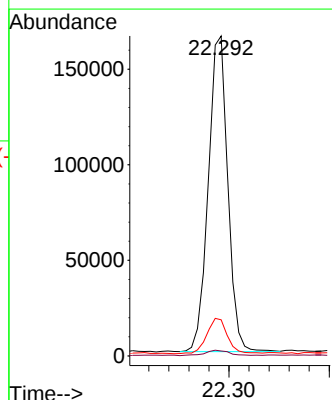
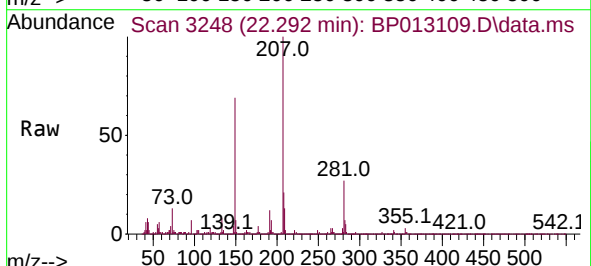
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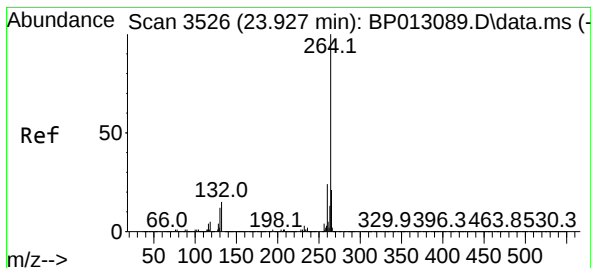
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#85
Di-n-octyl phthalate
Concen: 2.080 ng
RT: 22.292 min Scan# 3248
Delta R.T. 0.000 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

Tgt Ion:149 Resp: 222856
Ion Ratio Lower Upper
149 100
167 2.0 1.3 1.9#
43 11.8 7.8 11.8#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.927 min Scan# 3526

Delta R.T. 0.000 min

Lab File: BP013109.D

Acq: 14 Dec 2022 17:11

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT4-2022

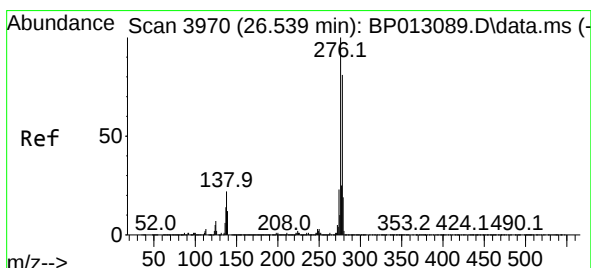
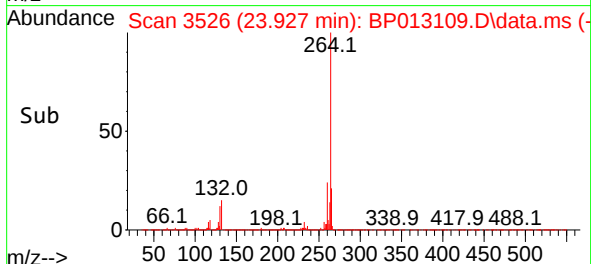
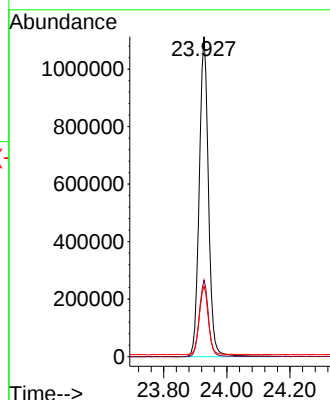
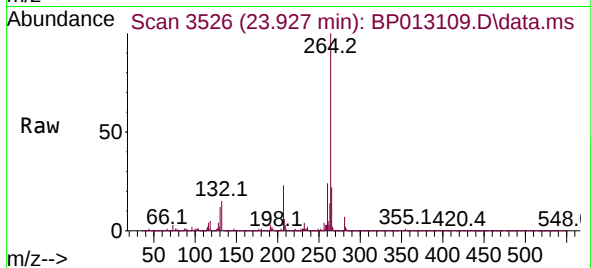
Tgt Ion:264 Resp: 2257399

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.1	28.7
265	22.0	17.7	26.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#87

Indeno(1,2,3-cd)pyrene

Concen: 2.638 ng

RT: 26.521 min Scan# 3967

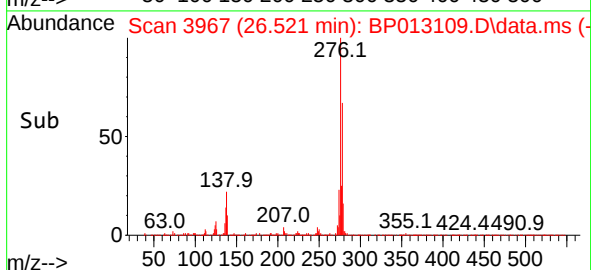
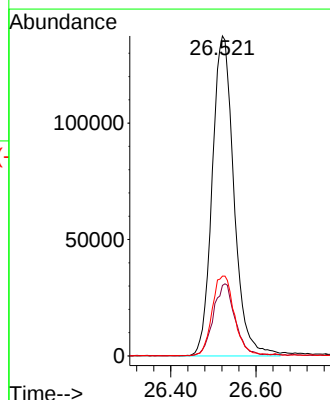
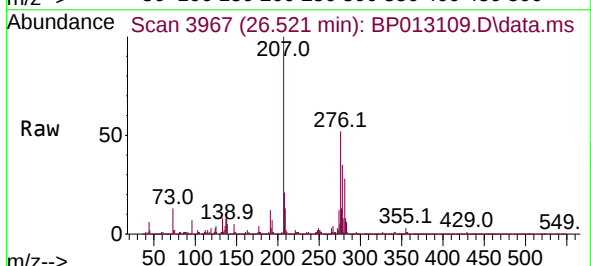
Delta R.T. -0.018 min

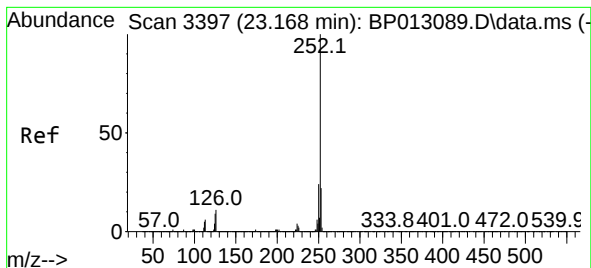
Lab File: BP013109.D

Acq: 14 Dec 2022 17:11

Tgt Ion:276 Resp: 486578

Ion	Ratio	Lower	Upper
276	100		
138	22.4	17.3	25.9
277	25.4	20.2	30.2





#88

Benzo(b)fluoranthene

Concen: 2.909 ng

RT: 23.163 min Scan# 3397

Delta R.T. -0.006 min

Lab File: BP013109.D

Acq: 14 Dec 2022 17:11

Instrument :

BNA_P

ClientSampleId :

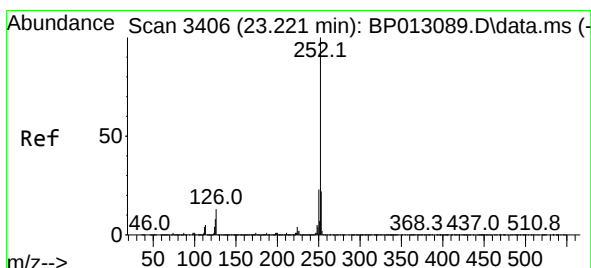
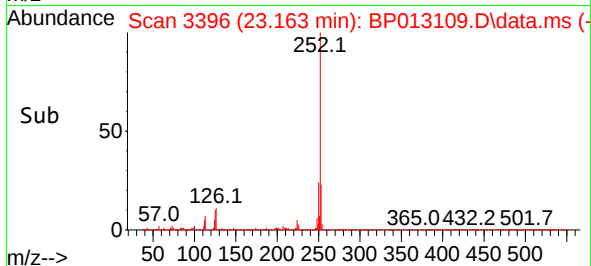
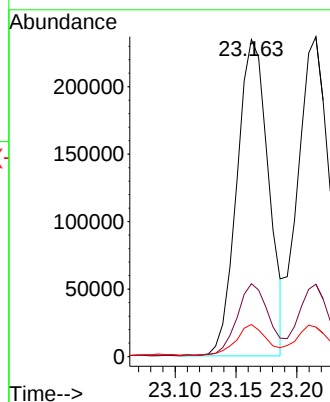
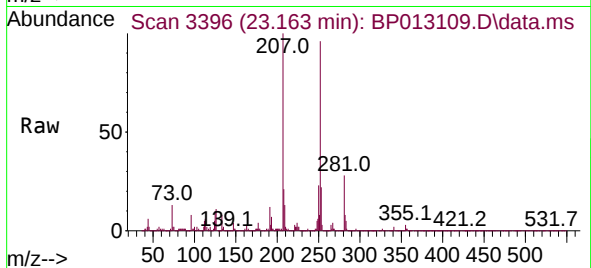
MDL-WATER-03-QT4-2022

Tgt Ion:	252	Resp:	422752
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.8	26.6
125	10.1	7.0	10.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#89

Benzo(k)fluoranthene

Concen: 2.973 ng

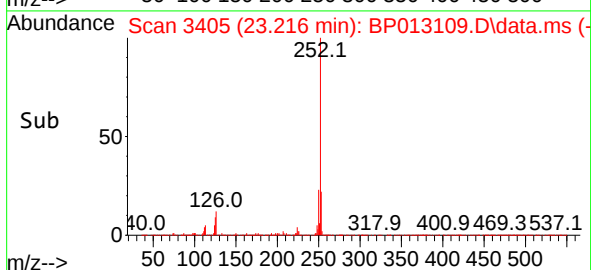
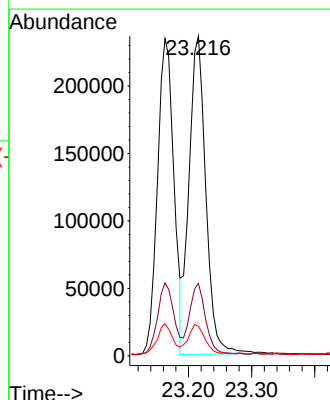
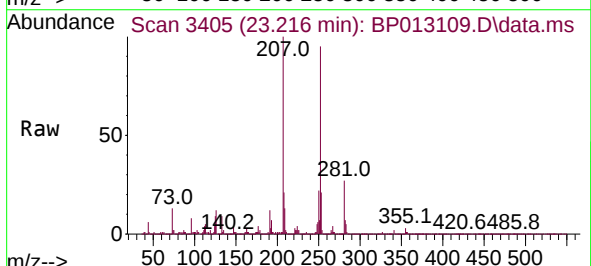
RT: 23.216 min Scan# 3405

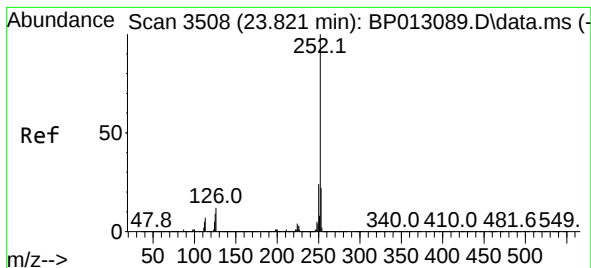
Delta R.T. -0.006 min

Lab File: BP013109.D

Acq: 14 Dec 2022 17:11

Tgt Ion:	252	Resp:	437191
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.6	26.4
125	9.3	6.7	10.1





#90

Benzo(a)pyrene

Concen: 2.936 ng

RT: 23.816 min Scan# 3508

Delta R.T. -0.006 min

Lab File: BP013109.D

Acq: 14 Dec 2022 17:11

Instrument :

BNA_P

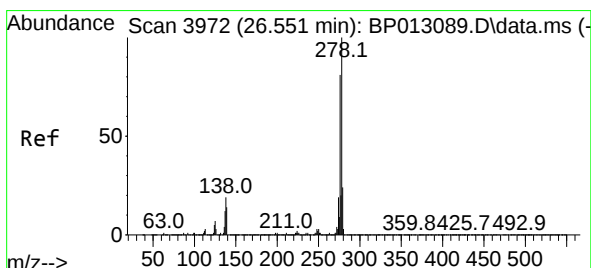
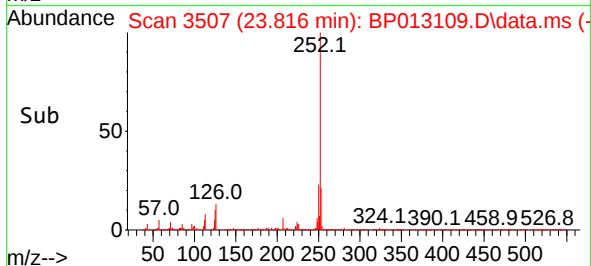
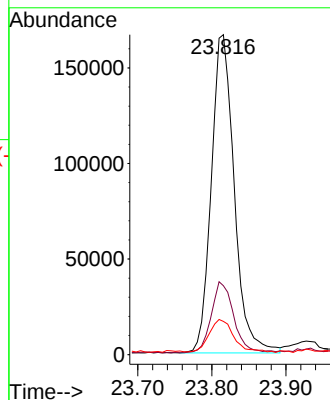
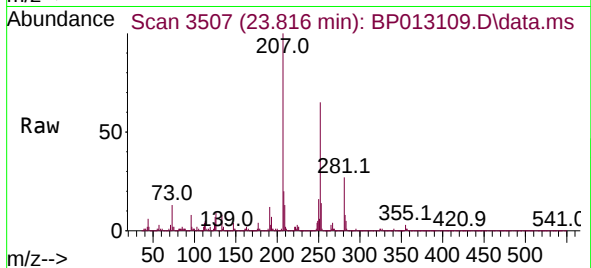
ClientSampleId :

MDL-WATER-03-QT4-2022

Tgt Ion:252 Resp: 358135
 Ion Ratio Lower Upper
 252 100
 253 21.5 17.5 26.3
 125 10.4 7.4 11.2

Manual Integrations
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Reviewed By :Jagrut Upadhyay 12/15/2022
 Supervised By :mohammad ahmed 12/17/2022



#91

Dibenzo(a,h)anthracene

Concen: 2.771 ng

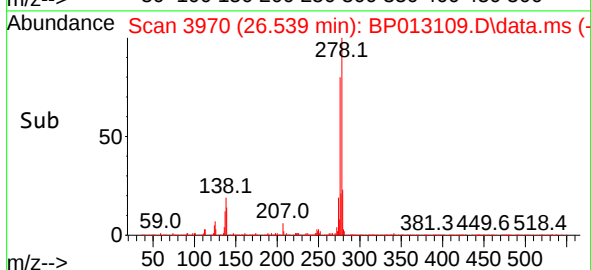
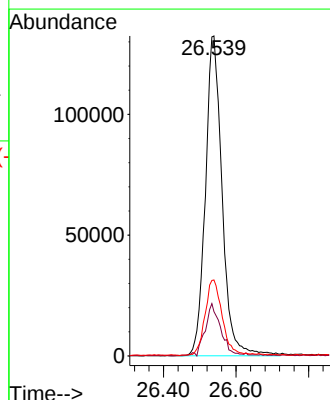
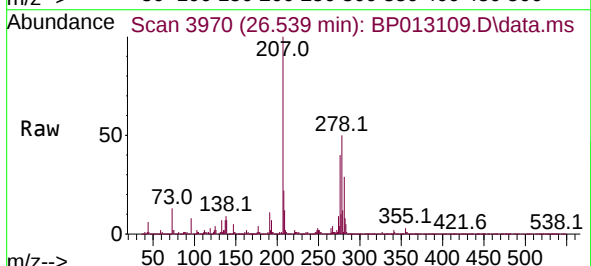
RT: 26.539 min Scan# 3970

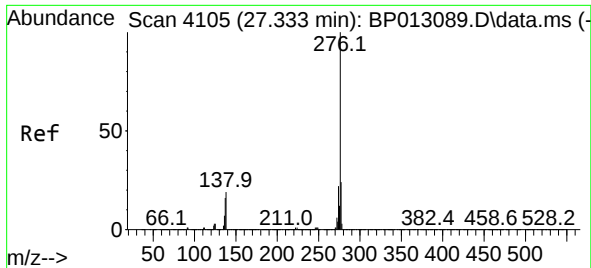
Delta R.T. -0.012 min

Lab File: BP013109.D

Acq: 14 Dec 2022 17:11

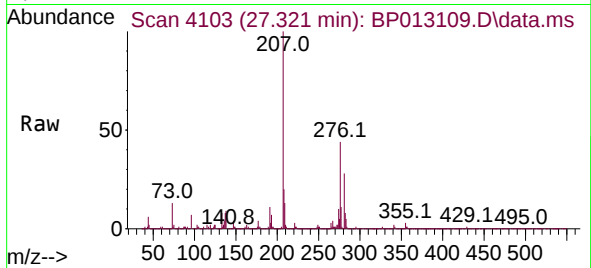
Tgt Ion:278 Resp: 424844
 Ion Ratio Lower Upper
 278 100
 139 13.9 11.0 16.6
 279 23.7 19.1 28.7





#92
Benzo(g,h,i)perylene
Concen: 2.782 ng
RT: 27.321 min Scan# 41
Delta R.T. -0.012 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2022



Tgt Ion:276 Resp: 422491
Ion Ratio Lower Upper
276 100
277 24.5 18.9 28.3
138 20.3 15.0 22.6

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022

