

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121322\
 Data File : BP013099.D
 Acq On : 13 Dec 2022 16:04
 Operator : CG/JU
 Sample : N4955-08
 Misc : LOQ-WATER-10ppm
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOQ-WATER-02-QT4-2022

Quant Time: Dec 14 04:58:17 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 14 04:56:58 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/14/2022
 Supervised By :mohammad ahmed 12/14/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	499489	20.000	ng	0.00
21) Naphthalene-d8	10.781	136	1967619	20.000	ng	0.00
39) Acenaphthene-d10	14.610	164	1279808	20.000	ng	0.00
64) Phenanthrene-d10	17.369	188	2819755	20.000	ng	0.01
76) Chrysene-d12	21.457	240	2584995	20.000	ng	0.01
86) Perylene-d12	23.945	264	2368885	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.517	112	2956263	108.140	ng	0.00
7) Phenol-d6	7.122	99	3864916	108.259	ng	0.00
23) Nitrobenzene-d5	9.140	82	2824873	78.707	ng	0.00
42) 2,4,6-Tribromophenol	16.104	330	1933668	125.315	ng	0.00
45) 2-Fluorobiphenyl	13.234	172	7141870	75.770	ng	0.00
79) Terphenyl-d14	19.922	244	10727861	81.875	ng	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.381	88	124815	10.305	ng	96
3) Pyridine	3.793	79	379280	11.026	ng	96
4) n-Nitrosodimethylamine	3.699	42	181857	11.797	ng	# 93
6) Aniline	7.293	93	589591	13.638	ng	99
8) 2-Chlorophenol	7.528	128	390792	12.126	ng	99
9) Benzaldehyde	7.099	77	278921m	13.021	ng	
10) Phenol	7.152	94	484124	12.115	ng	98
11) bis(2-Chloroethyl)ether	7.387	93	397521	12.356	ng	99
12) 1,3-Dichlorobenzene	7.852	146	446364	11.904	ng	97
13) 1,4-Dichlorobenzene	7.999	146	456600	11.957	ng	100
14) 1,2-Dichlorobenzene	8.322	146	440385	12.151	ng	99
15) Benzyl Alcohol	8.210	79	319541	12.338	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.499	45	588968	12.640	ng	100
17) 2-Methylphenol	8.410	107	313632	11.874	ng	99
18) Hexachloroethane	9.052	117	151387	11.706	ng	98
19) n-Nitroso-di-n-propyla...	8.775	70	303412	13.086	ng	99
20) 3+4-Methylphenols	8.740	107	422215	11.758	ng	99
22) Acetophenone	8.793	105	519766	10.616	ng	97
24) Nitrobenzene	9.175	77	453177	12.115	ng	98
25) Isophorone	9.705	82	811030	13.305	ng	99
26) 2-Nitrophenol	9.893	139	187617	10.957	ng	97
27) 2,4-Dimethylphenol	9.946	122	344175	13.344	ng	99
28) bis(2-Chloroethoxy)met...	10.187	93	540462	13.827	ng	100
29) 2,4-Dichlorophenol	10.428	162	365933	11.495	ng	100
30) 1,2,4-Trichlorobenzene	10.646	180	426025	11.339	ng	97
31) Naphthalene	10.834	128	1275584	11.840	ng	100
32) Benzoic acid	10.028	122	148492m	7.297	ng	
33) 4-Chloroaniline	10.946	127	511848	12.739	ng	99
34) Hexachlorobutadiene	11.116	225	270271	11.276	ng	99
35) Caprolactam	11.728	113	84406	10.270	ng	94
36) 4-Chloro-3-methylphenol	12.057	107	377538	12.698	ng	98
37) 2-Methylnaphthalene	12.440	142	906396	12.510	ng	98
38) 1-Methylnaphthalene	12.657	142	868907	12.315	ng	100
40) 1,2,4,5-Tetrachloroben...	12.804	216	435119	9.530	ng	99
41) Hexachlorocyclopentadiene	12.781	237	266738	11.586	ng	98
43) 2,4,6-Trichlorophenol	13.040	196	319923	11.112	ng	99

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Instrument :
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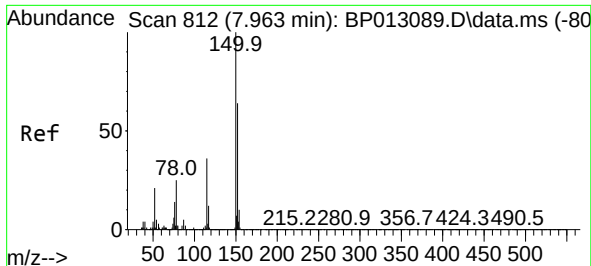
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.110	196	353016	11.349	ng	98
46) 1,1'-Biphenyl	13.445	154	1032917	10.207	ng	100
47) 2-Chloronaphthalene	13.487	162	946067	11.763	ng	99
48) 2-Nitroaniline	13.693	65	221628	11.138	ng	99
49) Acenaphthylene	14.334	152	1432706	12.110	ng	99
50) Dimethylphthalate	14.063	163	1182907	12.636	ng	100
51) 2,6-Dinitrotoluene	14.187	165	234156	12.224	ng	99
52) Acenaphthene	14.675	154	882740	12.002	ng	99
53) 3-Nitroaniline	14.516	138	230052	11.778	ng	95
54) 2,4-Dinitrophenol	14.722	184	112716	9.876	ng	99
55) Dibenzofuran	15.010	168	1477860	12.556	ng	100
56) 4-Nitrophenol	14.816	139	189289	11.824	ng	96
57) 2,4-Dinitrotoluene	14.975	165	297212	12.412	ng	93
58) Fluorene	15.657	166	1172726	12.873	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.234	232	315189	11.854	ng	99
60) Diethylphthalate	15.428	149	1129187	13.121	ng	99
61) 4-Chlorophenyl-phenyle...	15.651	204	615203	13.049	ng	97
62) 4-Nitroaniline	15.681	138	216887	11.897	ng	97
63) Azobenzene	15.945	77	1026261	12.832	ng	99
65) 4,6-Dinitro-2-methylph...	15.740	198	164082	9.058	ng	97
66) n-Nitrosodiphenylamine	15.869	169	997556	11.331	ng	99
67) 4-Bromophenyl-phenylether	16.551	248	368479	11.051	ng	97
68) Hexachlorobenzene	16.669	284	443078	11.349	ng	99
69) Atrazine	16.822	200	283209	11.465	ng	99
70) Pentachlorophenol	17.010	266	239385	10.412	ng	99
71) Phenanthrene	17.410	178	1862104	11.605	ng	99
72) Anthracene	17.504	178	1812304	12.031	ng	99
73) Carbazole	17.769	167	1630706	12.349	ng	100
74) Di-n-butylphthalate	18.310	149	1760119	12.118	ng	100
75) Fluoranthene	19.375	202	2116689	12.256	ng	100
77) Benzidine	19.551	184	728292	19.835	ng	99
78) Pyrene	19.728	202	2235304	12.034	ng	99
80) Butylbenzylphthalate	20.592	149	678494	11.267	ng	99
81) Benzo(a)anthracene	21.439	228	2124463	12.024	ng	99
82) 3,3'-Dichlorobenzidine	21.369	252	594190	11.293	ng	99
83) Chrysene	21.492	228	2028635	11.770	ng	100
84) Bis(2-ethylhexyl)phtha...	21.351	149	930298	11.357	ng	98
85) Di-n-octyl phthalate	22.304	149	1341479	9.752	ng	98
87) Indeno(1,2,3-cd)pyrene	26.551	276	1747452	9.028	ng	99
88) Benzo(b)fluoranthene	23.180	252	1940655	12.724	ng	99
89) Benzo(k)fluoranthene	23.233	252	1853736	12.014	ng	99
90) Benzo(a)pyrene	23.833	252	1522293	11.893	ng	99
91) Dibenzo(a,h)anthracene	26.568	278	1524354	9.476	ng	99
92) Benzo(g,h,i)perylene	27.357	276	1475418	9.257	ng	99

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



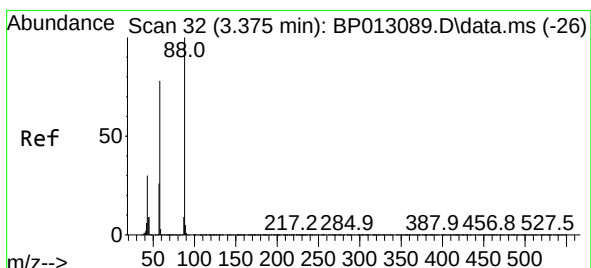
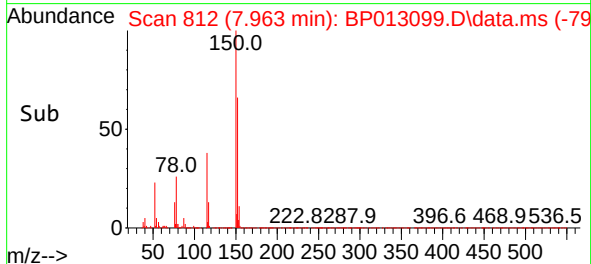
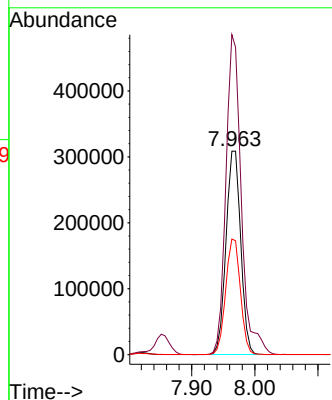
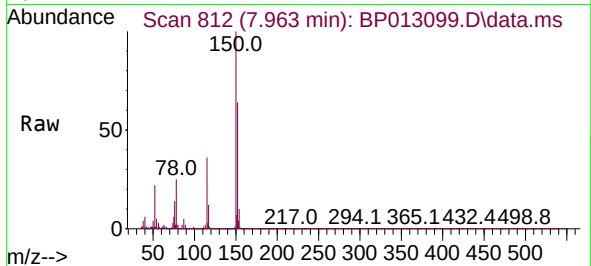
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.963 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP013099.D
Acq: 13 Dec 2022 16:04

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2022

Tgt Ion:152 Resp: 499489
Ion Ratio Lower Upper
152 100
150 157.3 125.3 187.9
115 56.8 45.6 68.4

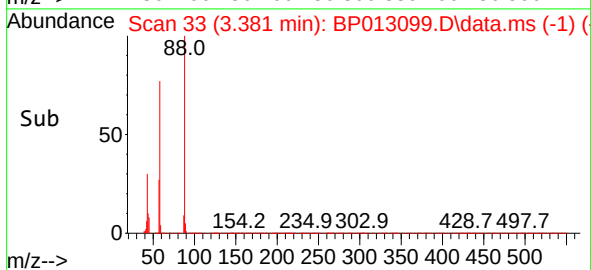
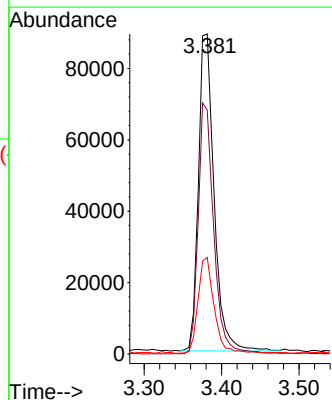
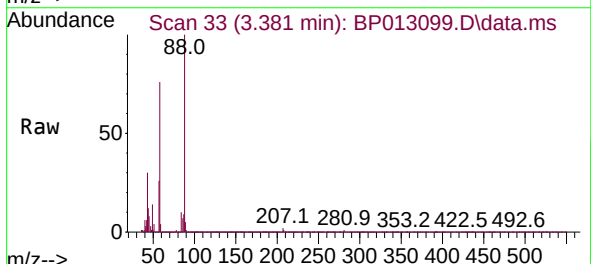
Manual Integrations
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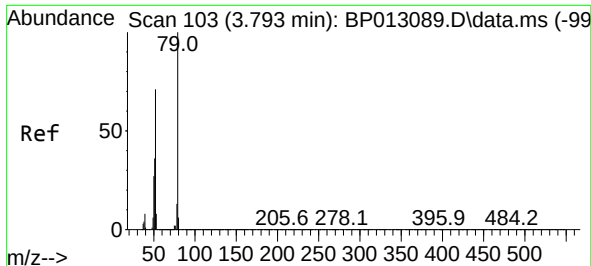
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#2
1,4-Dioxane
Concen: 10.305 ng
RT: 3.381 min Scan# 33
Delta R.T. 0.006 min
Lab File: BP013099.D
Acq: 13 Dec 2022 16:04

Tgt Ion: 88 Resp: 124815
Ion Ratio Lower Upper
88 100
58 78.7 60.1 90.1
43 31.1 23.5 35.3





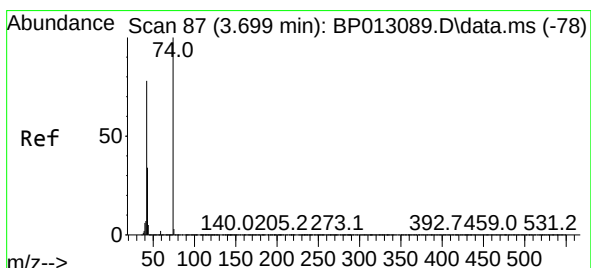
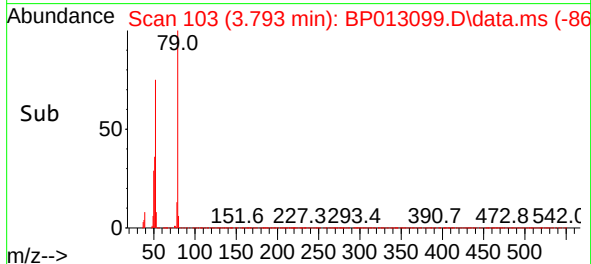
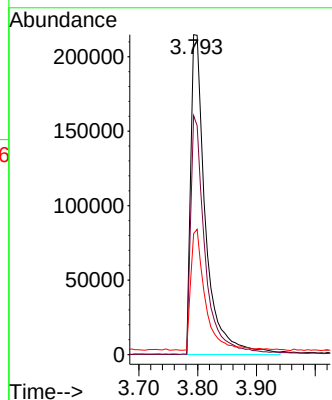
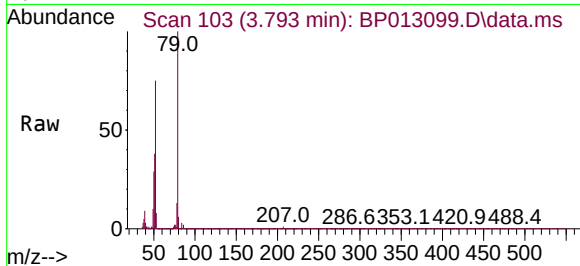
#3
Pyridine
Concen: 11.026 ng
RT: 3.793 min Scan# 103
Delta R.T. 0.000 min
Lab File: BP013099.D
Acq: 13 Dec 2022 16:04

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2022

Tgt Ion: 79 Resp: 379280
Ion Ratio Lower Upper
79 100
52 74.7 57.0 85.4
51 37.8 29.1 43.7

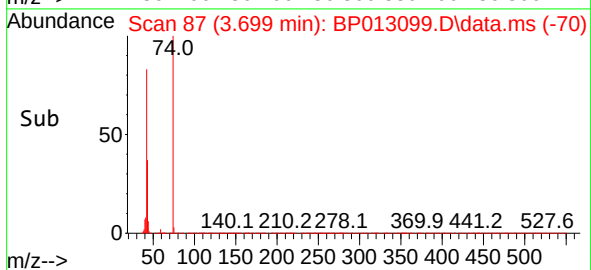
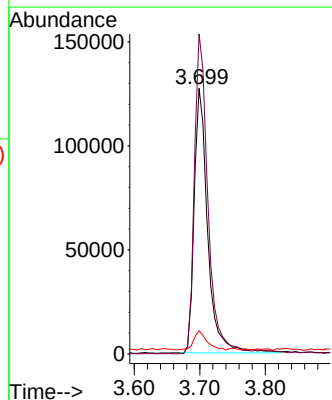
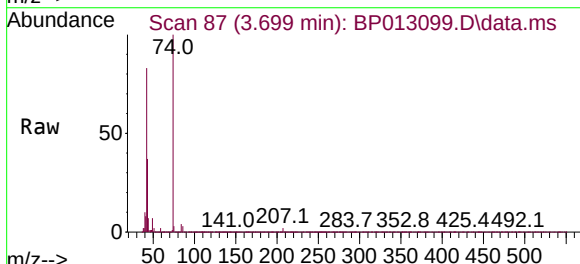
Manual Integrations
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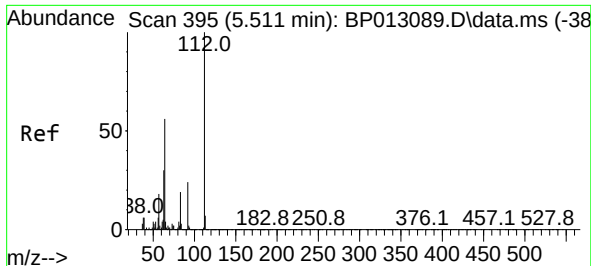
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#4
n-Nitrosodimethylamine
Concen: 11.797 ng
RT: 3.699 min Scan# 87
Delta R.T. 0.000 min
Lab File: BP013099.D
Acq: 13 Dec 2022 16:04

Tgt Ion: 42 Resp: 181857
Ion Ratio Lower Upper
42 100
74 120.5 102.7 154.1
44 8.6 5.6 8.4





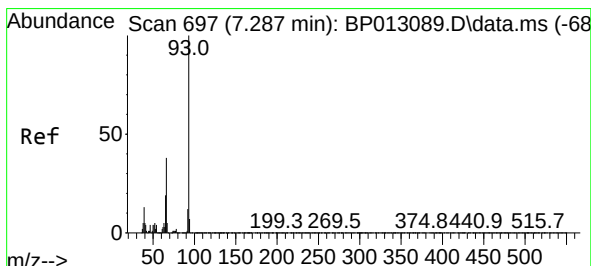
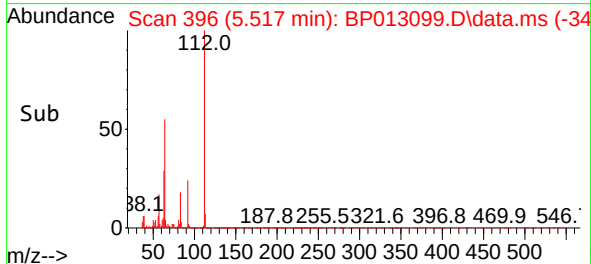
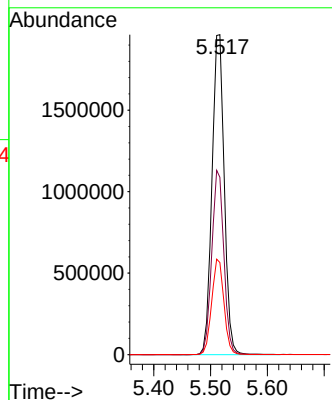
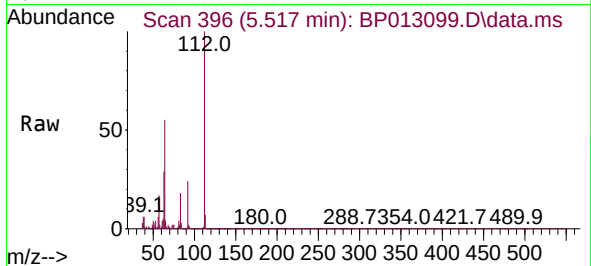
#5
2-Fluorophenol
Concen: 108.140 ng
RT: 5.517 min Scan# 395
Delta R.T. 0.006 min
Lab File: BP013099.D
Acq: 13 Dec 2022 16:04

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2022

Tgt Ion:112 Resp: 2956263
Ion Ratio Lower Upper
112 100
64 55.4 45.1 67.7
63 28.8 23.8 35.6

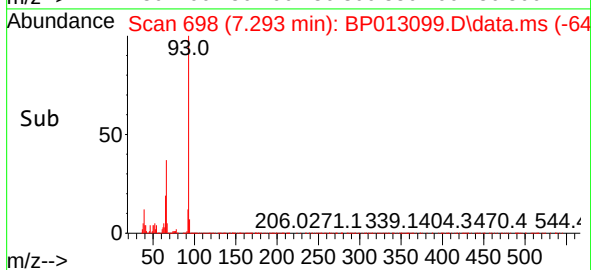
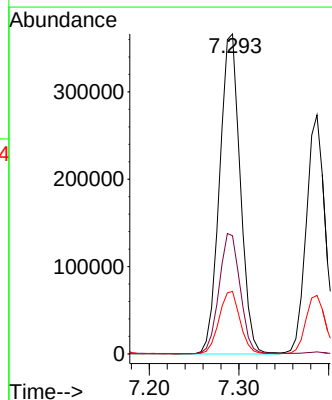
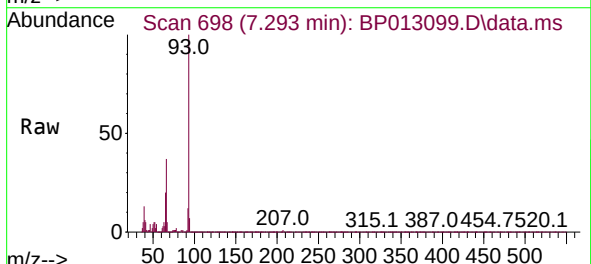
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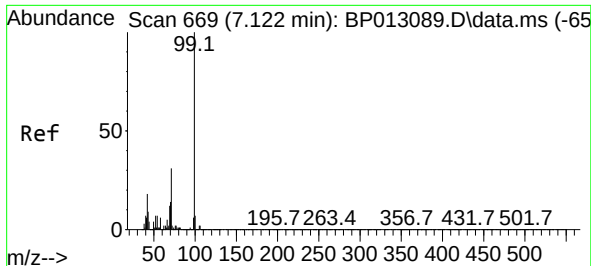
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#6
Aniline
Concen: 13.638 ng
RT: 7.293 min Scan# 698
Delta R.T. 0.006 min
Lab File: BP013099.D
Acq: 13 Dec 2022 16:04

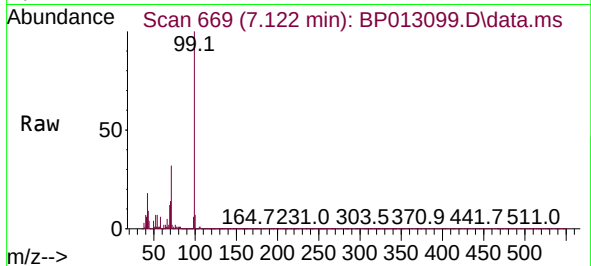
Tgt Ion: 93 Resp: 589591
Ion Ratio Lower Upper
93 100
66 36.9 30.6 45.8
65 19.5 15.5 23.3





#7
Phenol-d6
Concen: 108.259 ng
RT: 7.122 min Scan# 669
Delta R.T. 0.000 min
Lab File: BP013099.D
Acq: 13 Dec 2022 16:04

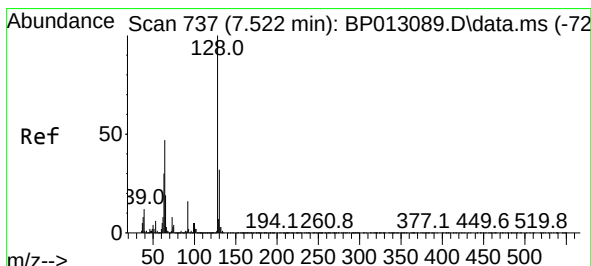
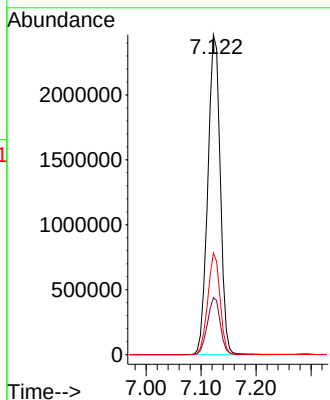
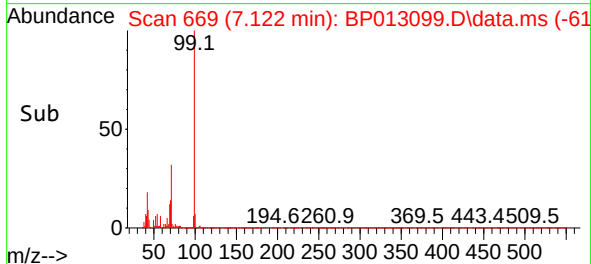
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ClientSampleId :
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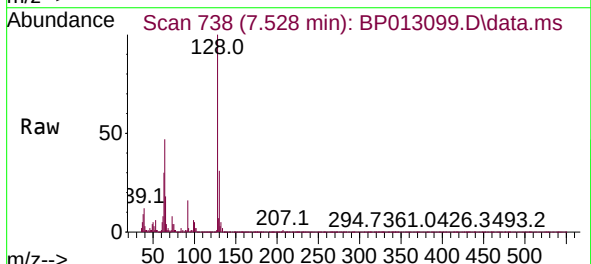
Tgt Ion: 99 Resp: 3864916
Ion Ratio Lower Upper
99 100
42 17.8 14.2 21.4
71 31.7 24.7 37.1

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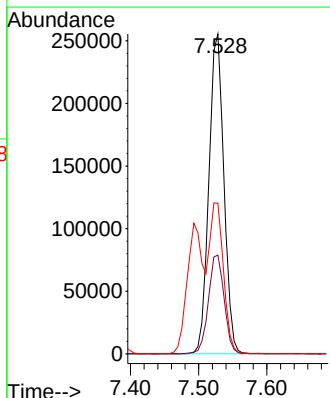
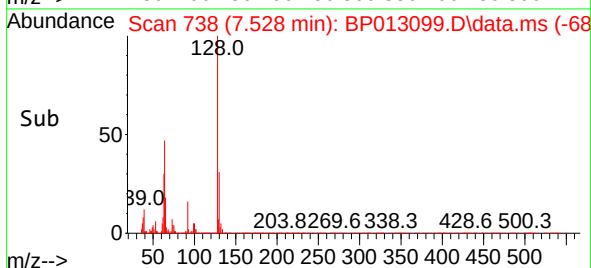
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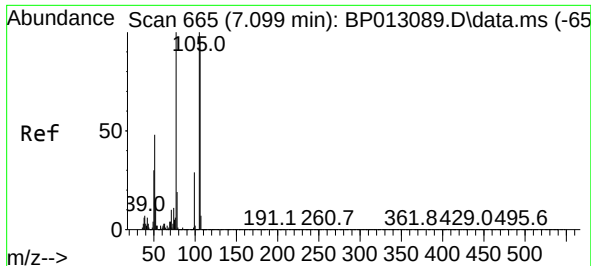


#8
2-Chlorophenol
Concen: 12.126 ng
RT: 7.528 min Scan# 738
Delta R.T. 0.006 min
Lab File: BP013099.D
Acq: 13 Dec 2022 16:04



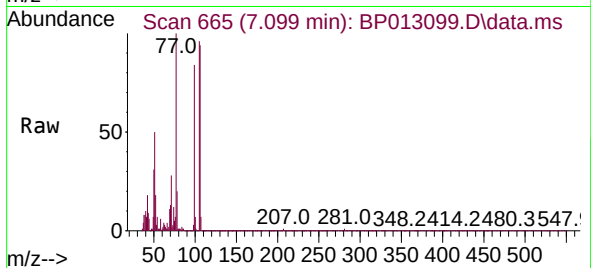
Tgt Ion:128 Resp: 390792
Ion Ratio Lower Upper
128 100
130 30.9 11.9 51.9
64 47.1 26.7 66.7





#9
Benzaldehyde
Concen: 13.021 ng m
RT: 7.099 min Scan# 665
Delta R.T. 0.000 min
Lab File: BP013099.D
Acq: 13 Dec 2022 16:04

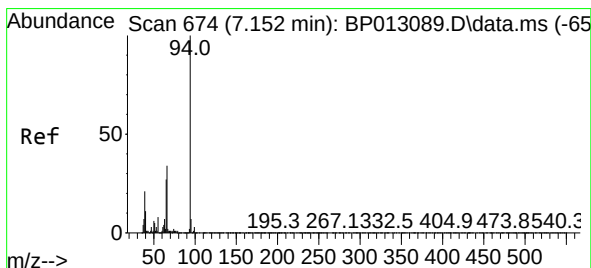
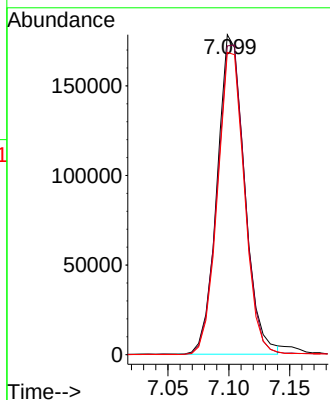
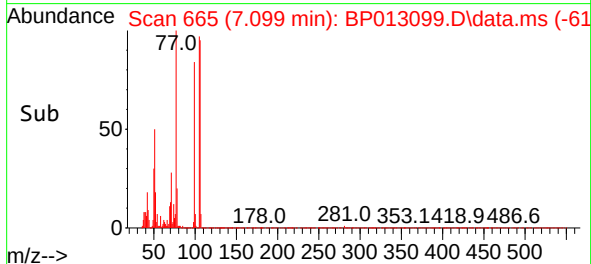
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ClientSampleId :
LOQ-WATER-02-QT4-2022



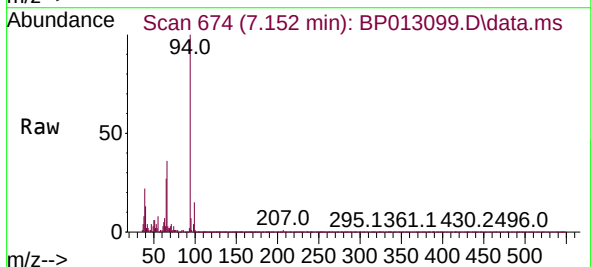
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Ion Ratio Lower Upper
77 100
105 96.5 80.1 120.1
106 94.4 76.6 116.6

Manual Integrations
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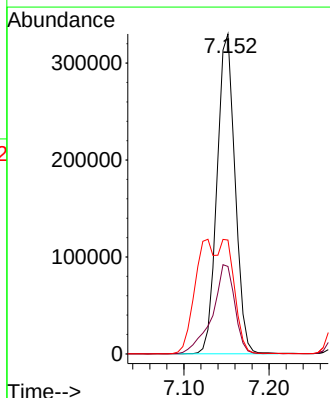
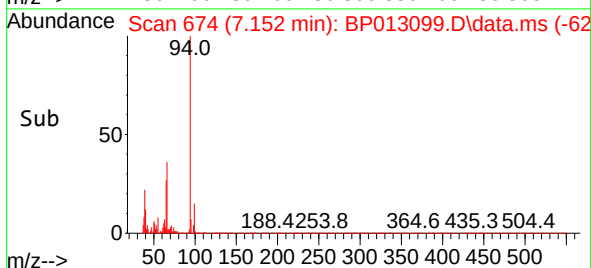
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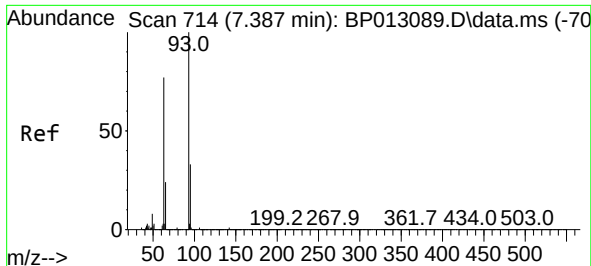


#10
Phenol
Concen: 12.115 ng
RT: 7.152 min Scan# 674
Delta R.T. 0.000 min
Lab File: BP013099.D
Acq: 13 Dec 2022 16:04



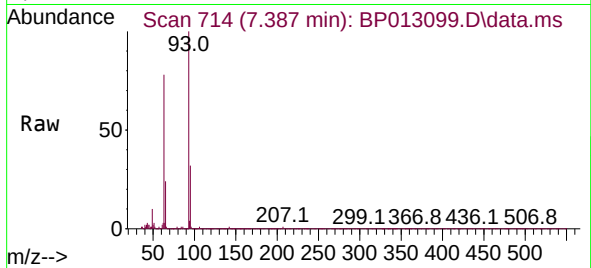
Tgt Ion: 94 Resp: 484124
Ion Ratio Lower Upper
94 100
65 27.3 7.2 47.2
66 35.6 13.7 53.7





#11
bis(2-Chloroethyl)ether
Concen: 12.356 ng
RT: 7.387 min Scan# 714
Delta R.T. 0.000 min
Lab File: BP013099.D
Acq: 13 Dec 2022 16:04

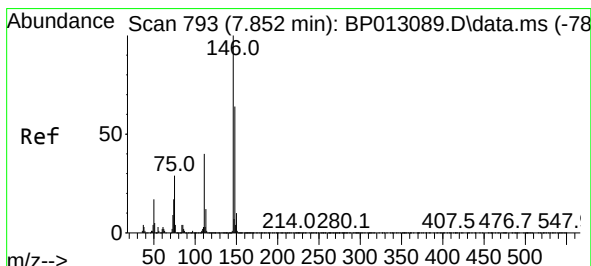
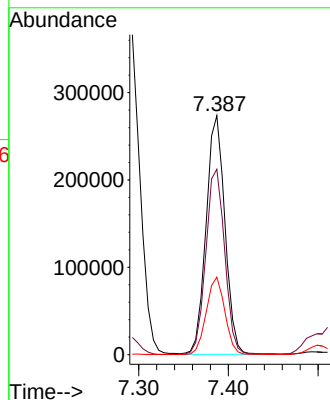
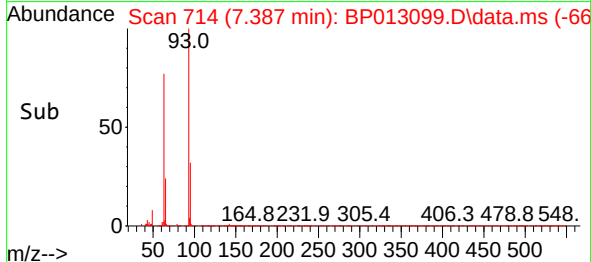
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2022



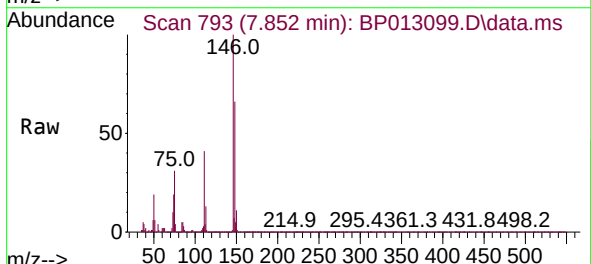
Tgt Ion: 93 Resp: 397521
Ion Ratio Lower Upper
93 100
63 77.6 56.3 96.3
95 32.4 13.0 53.0

Manual Integrations
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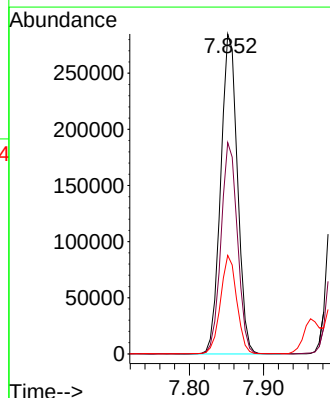
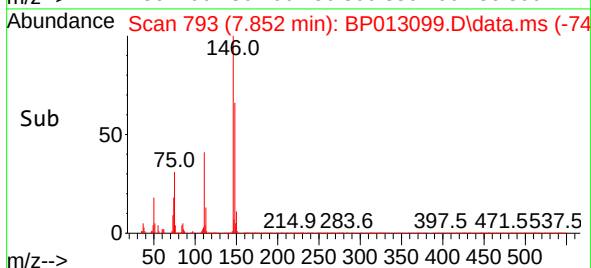
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022

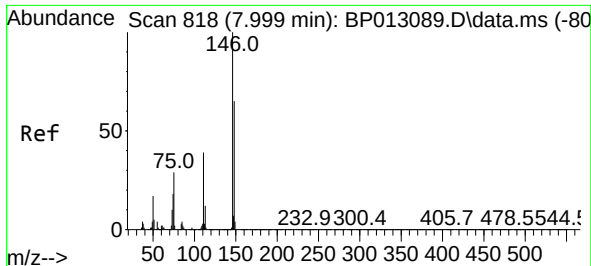


#12
1,3-Dichlorobenzene
Concen: 11.904 ng
RT: 7.852 min Scan# 793
Delta R.T. 0.000 min
Lab File: BP013099.D
Acq: 13 Dec 2022 16:04



Tgt Ion:146 Resp: 446364
Ion Ratio Lower Upper
146 100
148 66.0 51.5 77.3
75 30.8 23.0 34.4





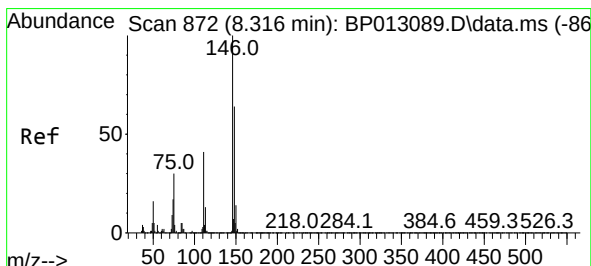
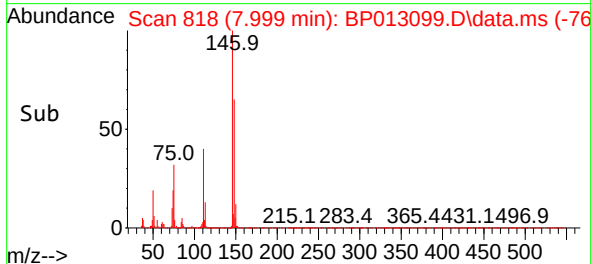
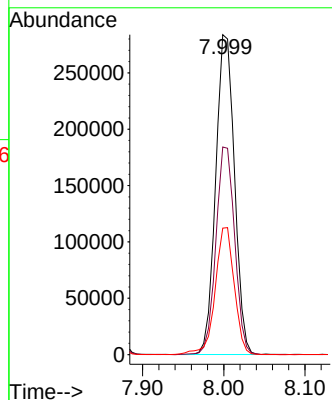
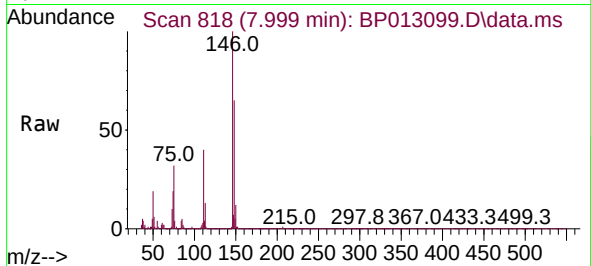
#13
1,4-Dichlorobenzene
Concen: 11.957 ng
RT: 7.999 min Scan# 818
Delta R.T. 0.000 min
Lab File: BP013099.D
Acq: 13 Dec 2022 16:04

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2022

Tgt Ion:146 Resp: 456600
Ion Ratio Lower Upper
146 100
148 64.9 51.9 77.9
111 39.5 31.3 46.9

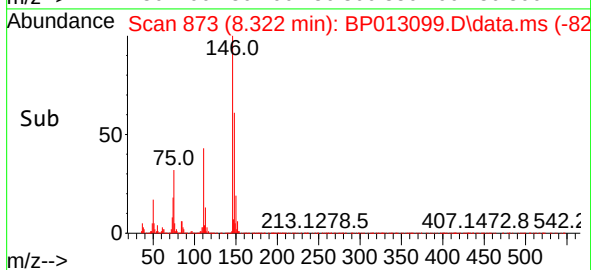
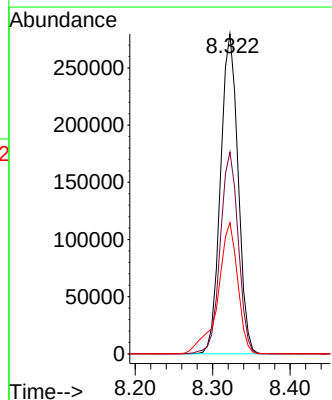
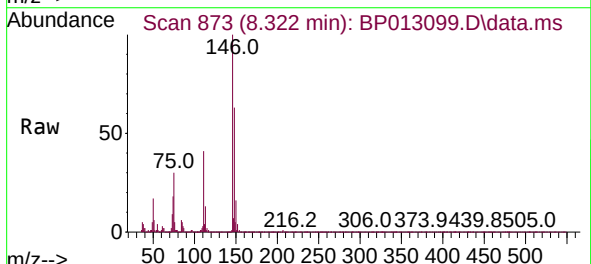
Manual Integrations
APPROVED

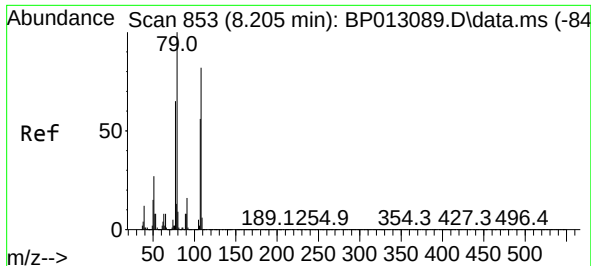
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#14
1,2-Dichlorobenzene
Concen: 12.151 ng
RT: 8.322 min Scan# 873
Delta R.T. 0.006 min
Lab File: BP013099.D
Acq: 13 Dec 2022 16:04

Tgt Ion:146 Resp: 440385
Ion Ratio Lower Upper
146 100
148 63.1 51.0 76.6
111 41.0 32.6 49.0





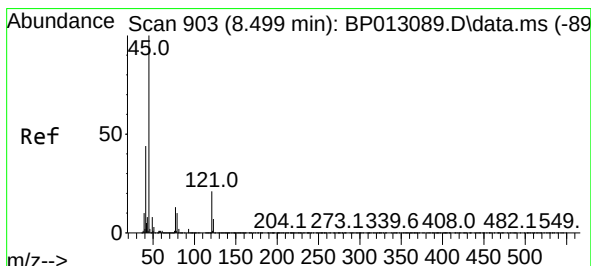
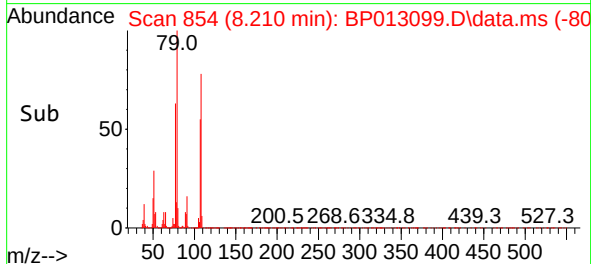
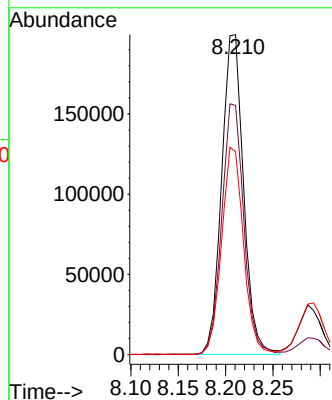
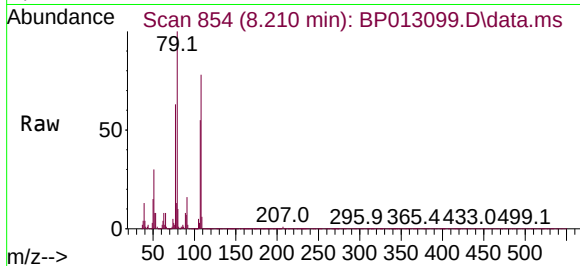
#15
Benzyl Alcohol
Concen: 12.338 ng
RT: 8.210 min Scan# 854
Delta R.T. 0.006 min
Lab File: BP013099.D
Acq: 13 Dec 2022 16:04

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2022

Tgt Ion: 79 Resp: 31954
Ion Ratio Lower Upper
79 100
108 77.9 65.3 97.9
77 63.4 51.9 77.9

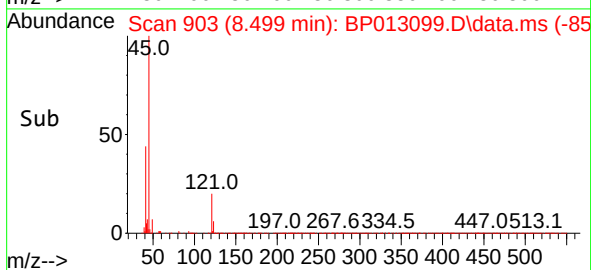
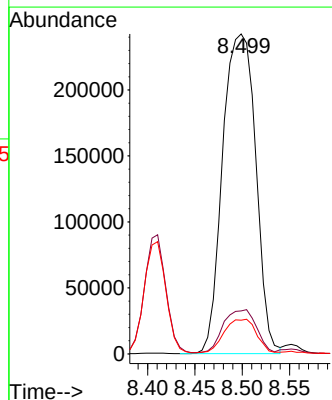
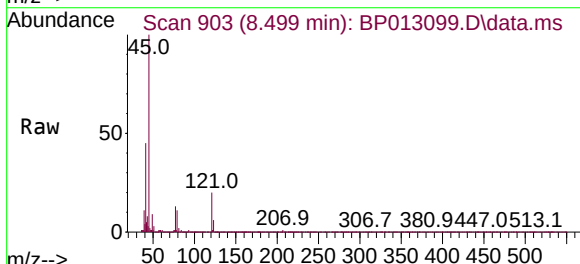
Manual Integrations
APPROVED

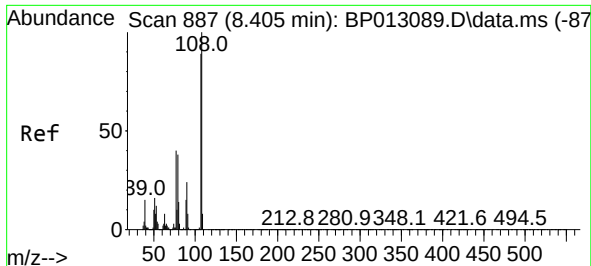
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 12.640 ng
RT: 8.499 min Scan# 903
Delta R.T. 0.000 min
Lab File: BP013099.D
Acq: 13 Dec 2022 16:04

Tgt Ion: 45 Resp: 588968
Ion Ratio Lower Upper
45 100
77 13.4 0.0 33.6
79 10.5 0.0 30.6





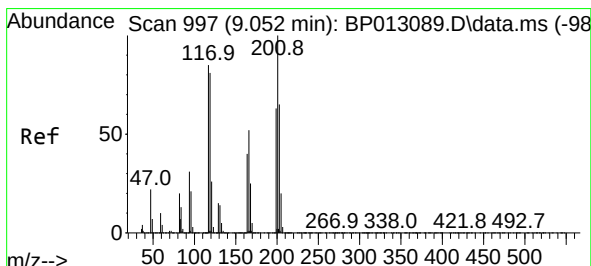
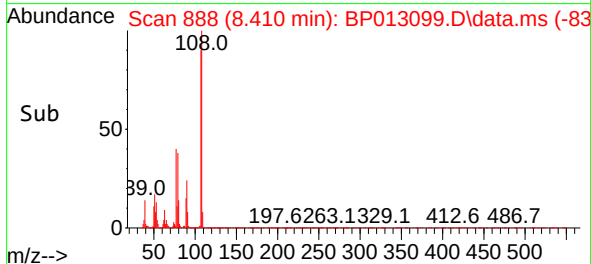
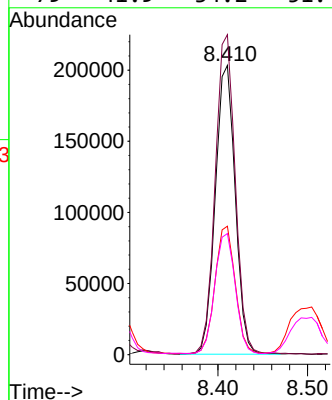
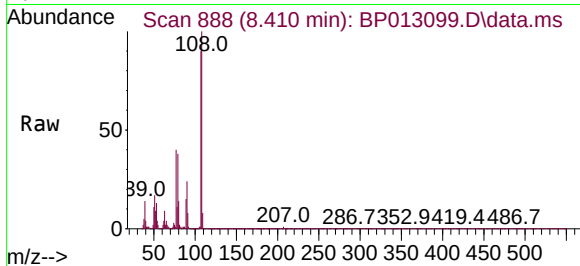
#17
2-Methylphenol
Concen: 11.874 ng
RT: 8.410 min Scan# 887
Delta R.T. 0.006 min
Lab File: BP013099.D
Acq: 13 Dec 2022 16:04

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2022

Tgt Ion:107 Resp: 313632
Ion Ratio Lower Upper
107 100
108 110.7 89.6 134.4
77 44.4 35.5 53.3
79 41.9 34.2 51.4

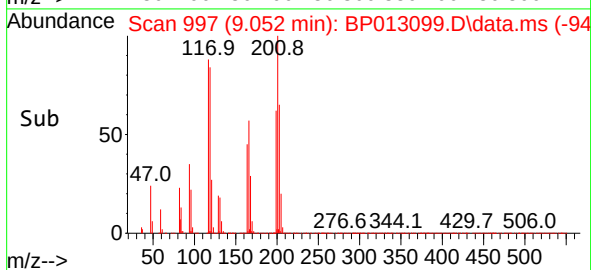
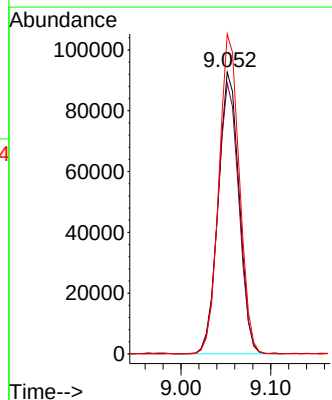
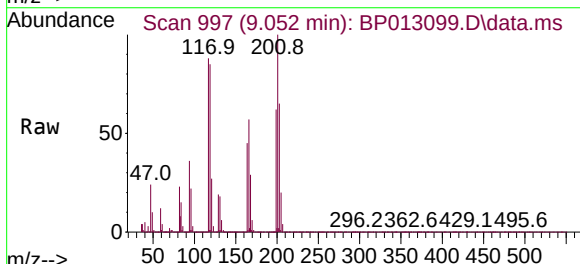
Manual Integrations
APPROVED

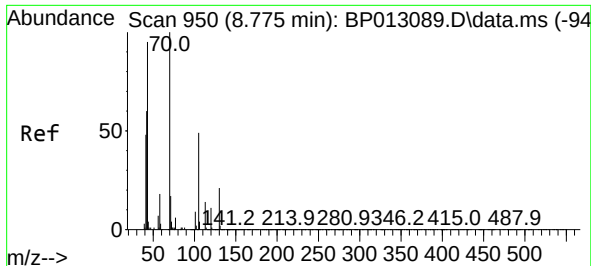
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#18
Hexachloroethane
Concen: 11.706 ng
RT: 9.052 min Scan# 997
Delta R.T. 0.000 min
Lab File: BP013099.D
Acq: 13 Dec 2022 16:04

Tgt Ion:117 Resp: 151387
Ion Ratio Lower Upper
117 100
119 96.0 76.7 115.1
201 113.6 94.6 141.8





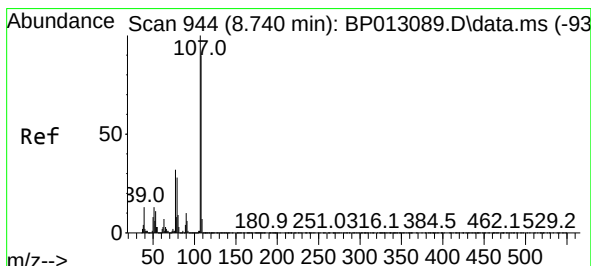
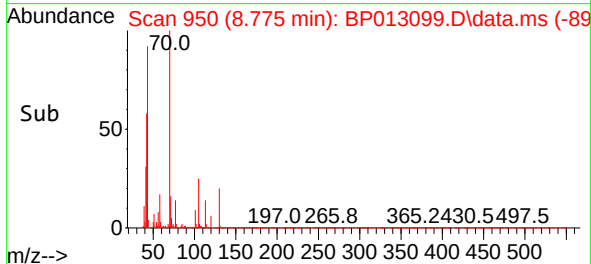
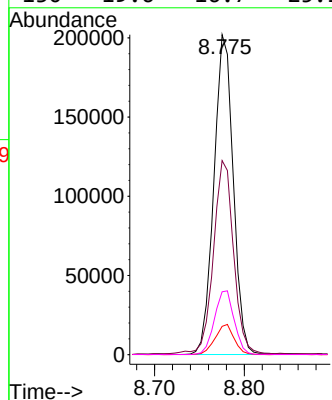
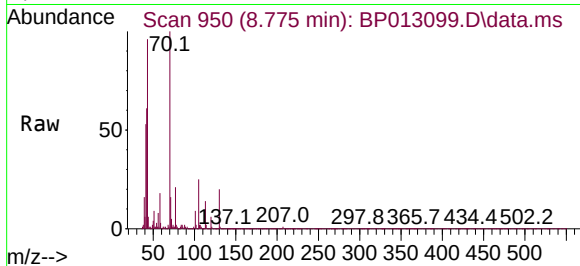
#19
n-Nitroso-di-n-propylamine
Concen: 13.086 ng
RT: 8.775 min Scan# 950
Delta R.T. 0.000 min
Lab File: BP013099.D
Acq: 13 Dec 2022 16:04

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2022

Tgt Ion: 70 Resp: 303412
Ion Ratio Lower Upper
70 100
42 60.6 48.5 72.7
101 8.8 7.4 11.2
130 19.6 16.7 25.1

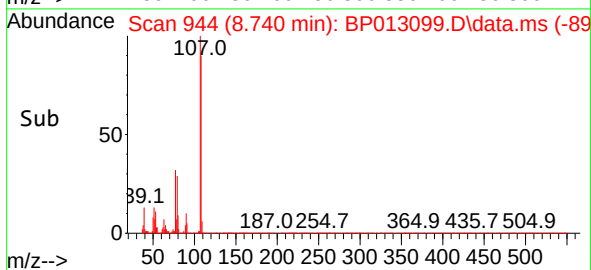
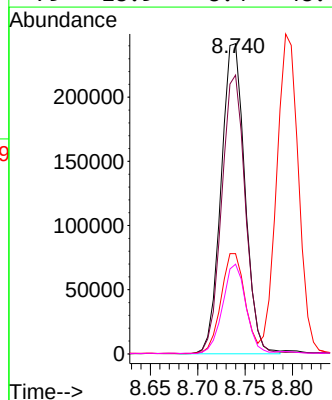
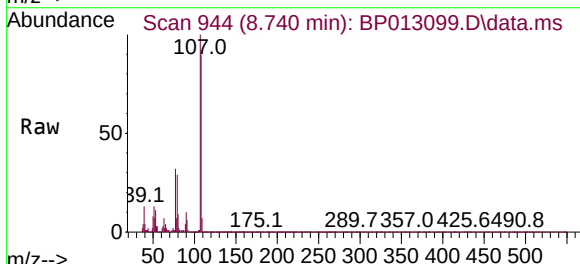
Manual Integrations
APPROVED

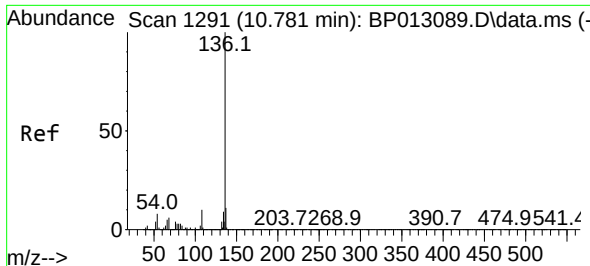
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#20
3+4-Methylphenols
Concen: 11.758 ng
RT: 8.740 min Scan# 944
Delta R.T. 0.000 min
Lab File: BP013099.D
Acq: 13 Dec 2022 16:04

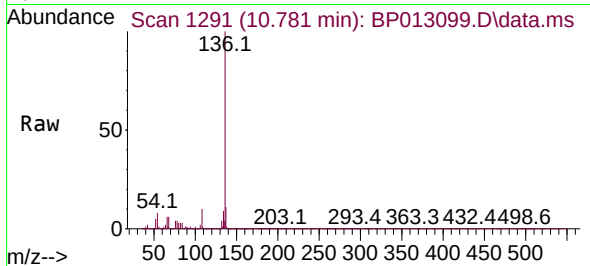
Tgt Ion:107 Resp: 422215
Ion Ratio Lower Upper
107 100
108 89.9 70.5 110.5
77 32.3 12.2 52.2
79 28.9 8.4 48.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.781 min Scan# 1291
Delta R.T. -0.000 min
Lab File: BP013099.D
Acq: 13 Dec 2022 16:04

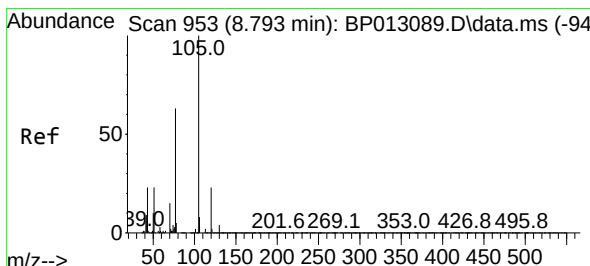
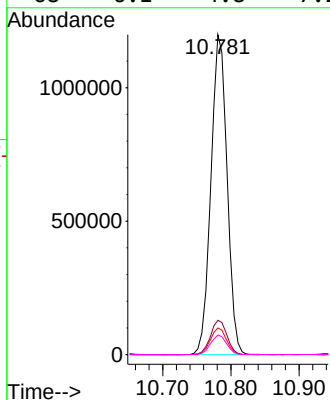
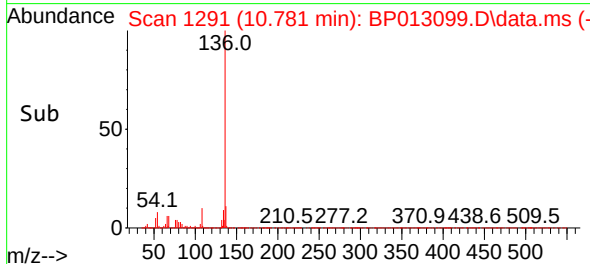
Instrument : BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:136 Resp: 1967619
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 8.3 6.2 9.4
68 6.1 4.8 7.2

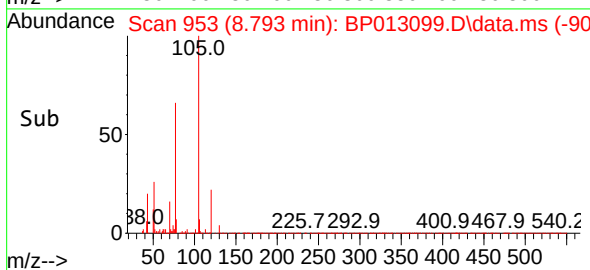
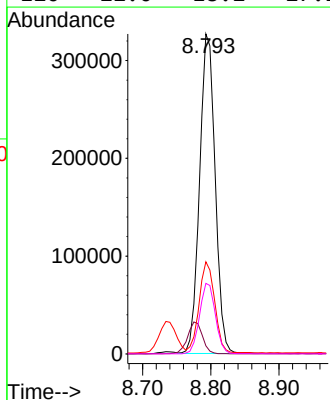
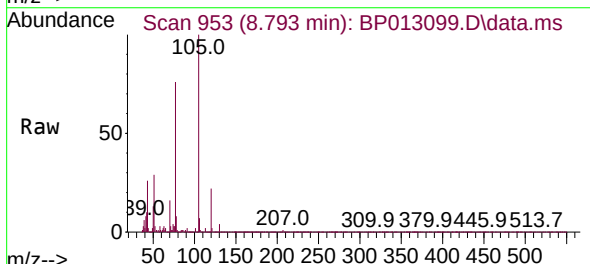
Manual Integrations
APPROVED

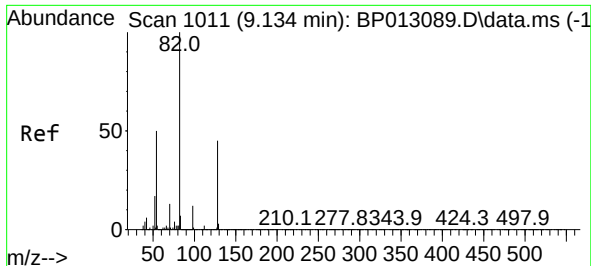
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#22
Acetophenone
Concen: 10.616 ng
RT: 8.793 min Scan# 953
Delta R.T. 0.000 min
Lab File: BP013099.D
Acq: 13 Dec 2022 16:04

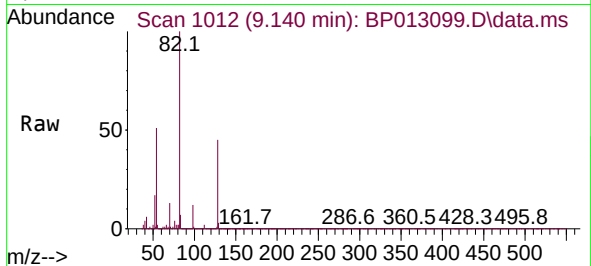
Tgt Ion:105 Resp: 519766
Ion Ratio Lower Upper
105 100
71 2.5 2.2 3.4
51 28.8 21.5 32.3
120 22.0 18.2 27.2





#23
Nitrobenzene-d5
Concen: 78.707 ng
RT: 9.140 min Scan# 1011
Delta R.T. 0.006 min
Lab File: BP013099.D
Acq: 13 Dec 2022 16:04

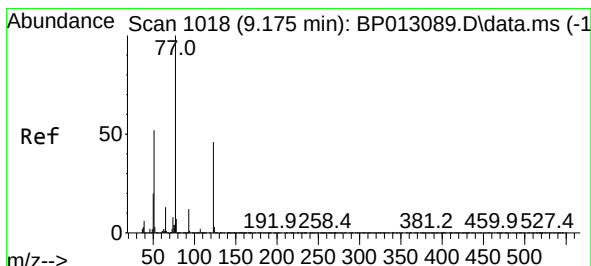
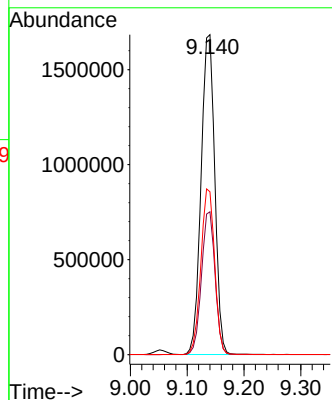
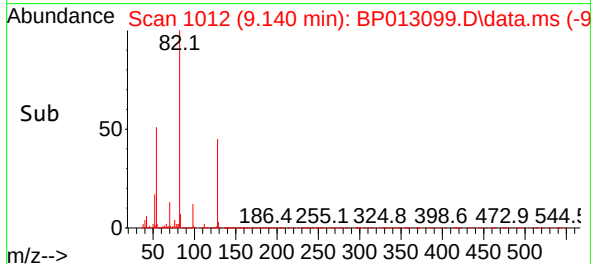
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion: 82 Resp: 2824873
Ion Ratio Lower Upper
82 100
128 44.6 35.9 53.9
54 50.9 40.4 60.6

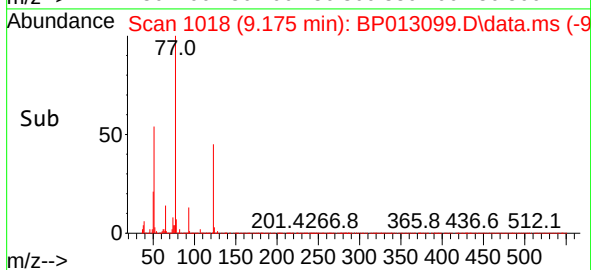
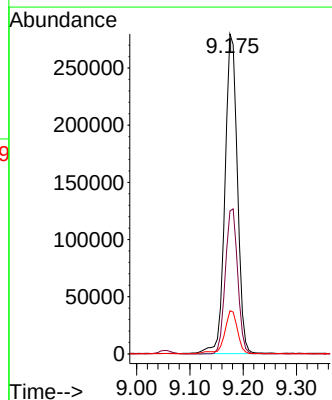
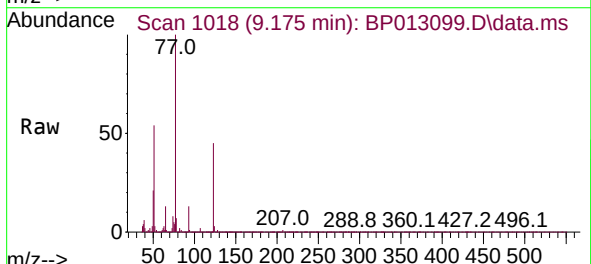
Manual Integrations
APPROVED

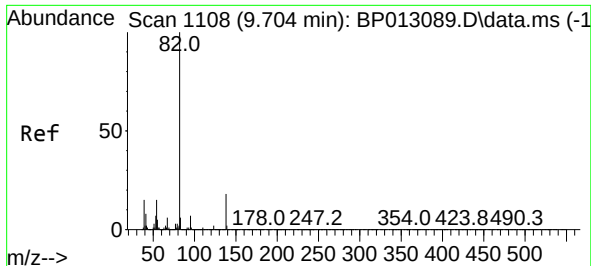
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#24
Nitrobenzene
Concen: 12.115 ng
RT: 9.175 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BP013099.D
Acq: 13 Dec 2022 16:04

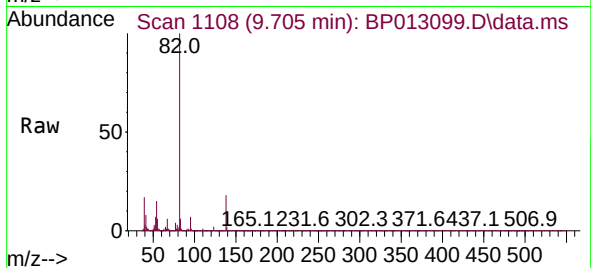
Tgt Ion: 77 Resp: 453177
Ion Ratio Lower Upper
77 100
123 44.7 37.0 55.4
65 13.5 10.7 16.1





#25
Isophorone
Concen: 13.305 ng
RT: 9.705 min Scan# 1108
Delta R.T. 0.000 min
Lab File: BP013099.D
Acq: 13 Dec 2022 16:04

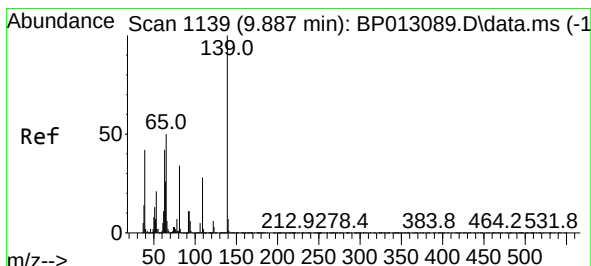
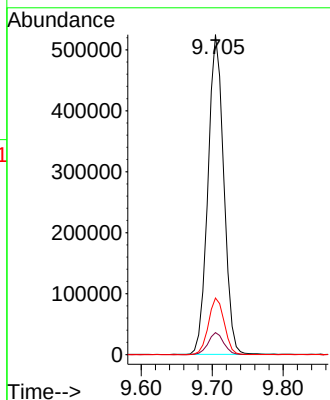
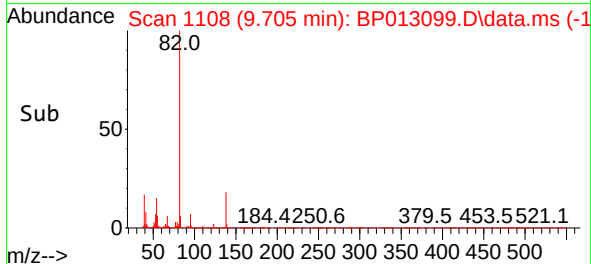
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion: 82 Resp: 811036
Ion Ratio Lower Upper
82 100
95 6.9 5.4 8.0
138 17.7 14.5 21.7

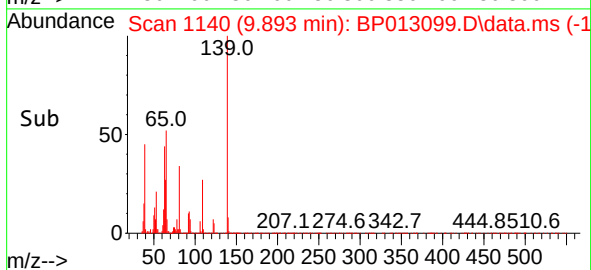
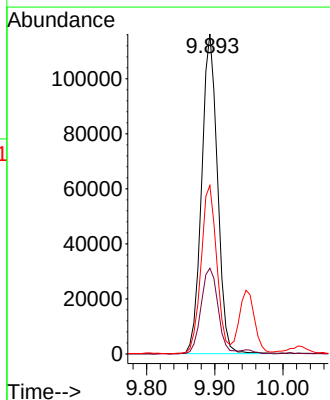
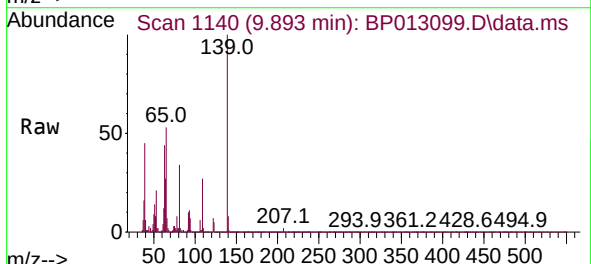
Manual Integrations
APPROVED

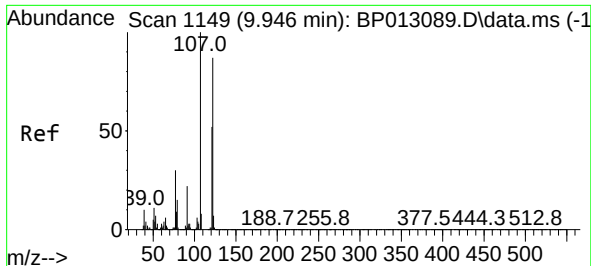
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#26
2-Nitrophenol
Concen: 10.957 ng
RT: 9.893 min Scan# 1140
Delta R.T. 0.006 min
Lab File: BP013099.D
Acq: 13 Dec 2022 16:04

Tgt Ion:139 Resp: 187617
Ion Ratio Lower Upper
139 100
109 26.8 22.5 33.7
65 52.6 39.9 59.9





#27

2,4-Dimethylphenol

Concen: 13.344 ng

RT: 9.946 min Scan# 1149

Delta R.T. 0.000 min

Lab File: BP013099.D

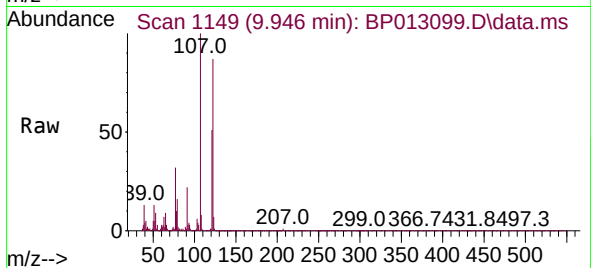
Acq: 13 Dec 2022 16:04

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT4-2022

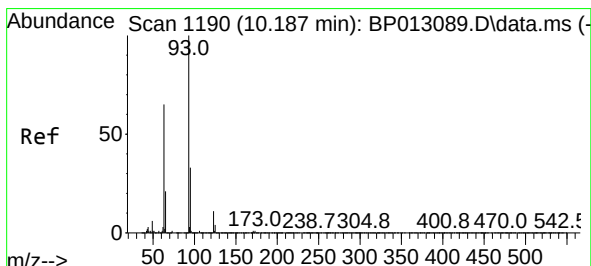
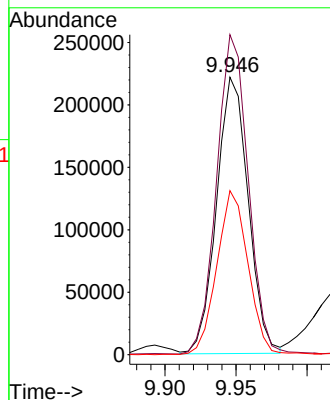
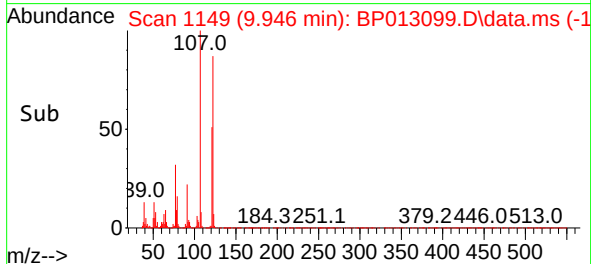


Tgt Ion:	122	Resp:	344175
Ion Ratio	Lower	Upper	
122	100		
107	115.3	91.1	136.7
121	59.1	47.0	70.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#28

bis(2-Chloroethoxy)methane

Concen: 13.827 ng

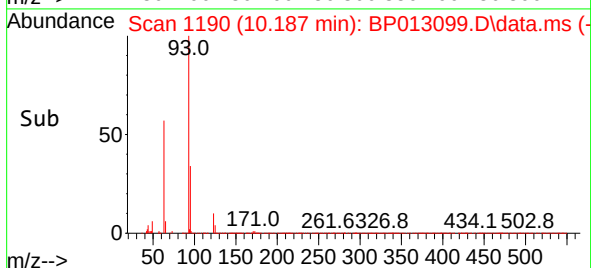
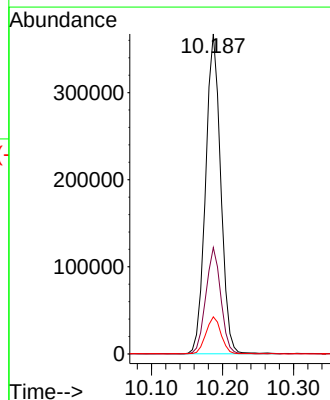
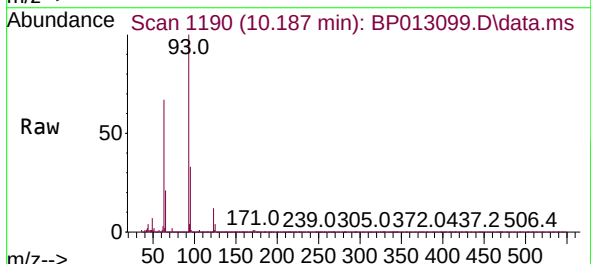
RT: 10.187 min Scan# 1190

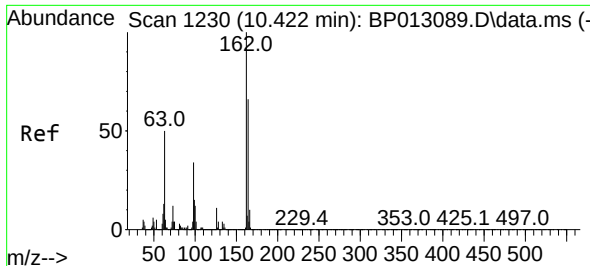
Delta R.T. 0.000 min

Lab File: BP013099.D

Acq: 13 Dec 2022 16:04

Tgt Ion:	93	Resp:	540462
Ion Ratio	Lower	Upper	
93	100		
95	33.2	26.4	39.6
123	11.6	9.2	13.8





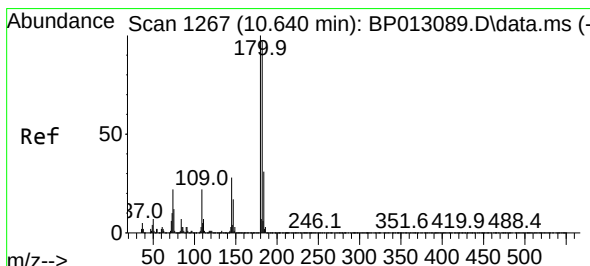
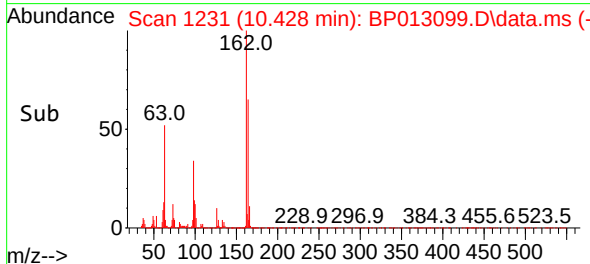
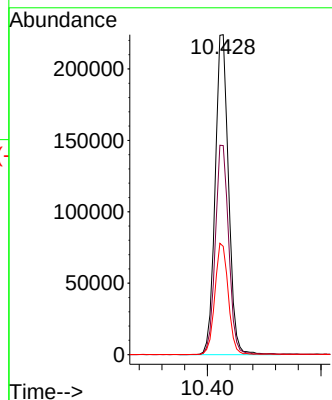
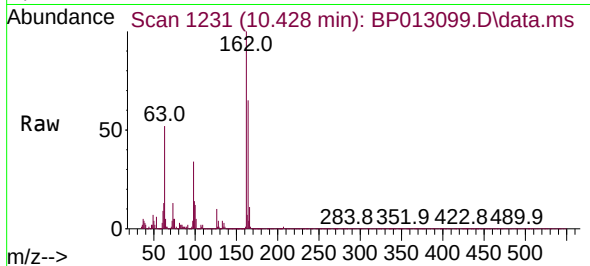
#29
2,4-Dichlorophenol
Concen: 11.495 ng
RT: 10.428 min Scan# 1230
Delta R.T. 0.006 min
Lab File: BP013099.D
Acq: 13 Dec 2022 16:04

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2022

Tgt Ion:162 Resp: 365933
Ion Ratio Lower Upper
162 100
164 65.3 45.8 85.8
98 33.8 13.8 53.8

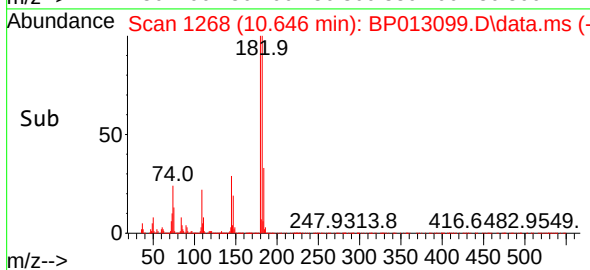
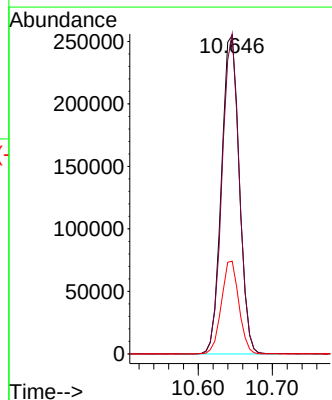
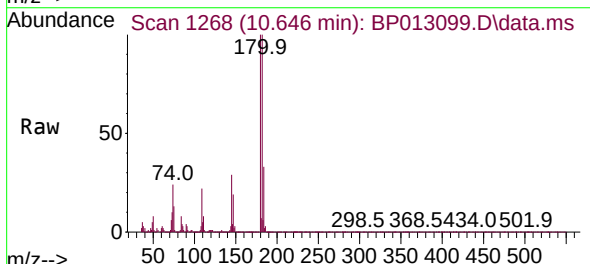
Manual Integrations
APPROVED

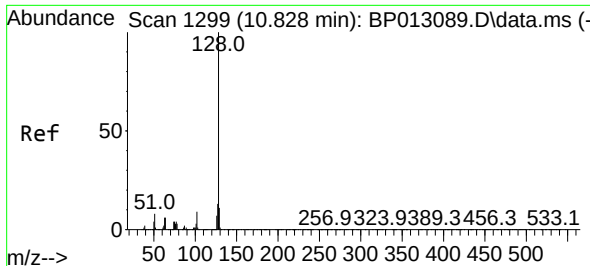
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#30
1,2,4-Trichlorobenzene
Concen: 11.339 ng
RT: 10.646 min Scan# 1268
Delta R.T. 0.006 min
Lab File: BP013099.D
Acq: 13 Dec 2022 16:04

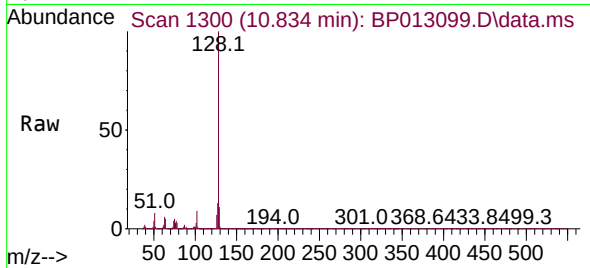
Tgt Ion:180 Resp: 426025
Ion Ratio Lower Upper
180 100
182 100.5 77.8 116.6
145 29.1 22.6 33.8





#31
Naphthalene
Concen: 11.840 ng
RT: 10.834 min Scan# 1163
Delta R.T. 0.006 min
Lab File: BP013099.D
Acq: 13 Dec 2022 16:04

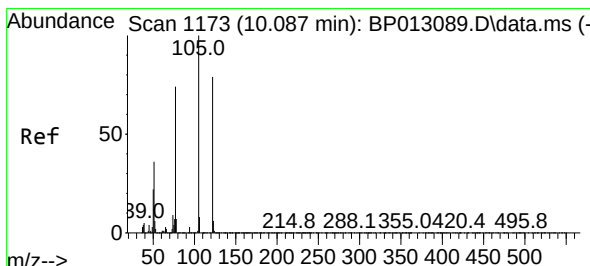
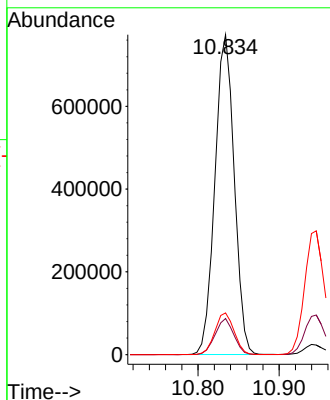
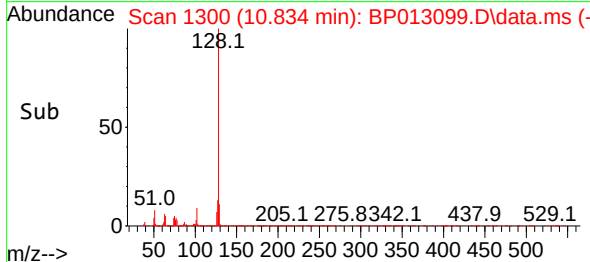
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:128 Resp: 1275584
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.0 10.4 15.6

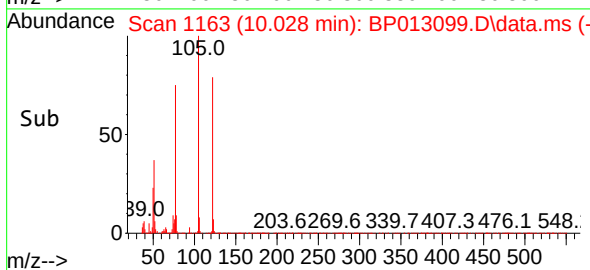
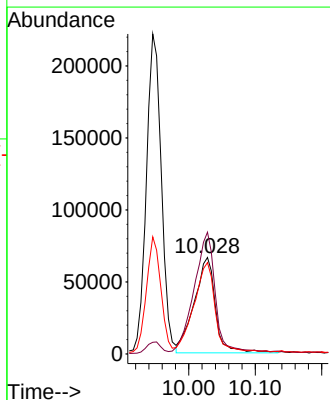
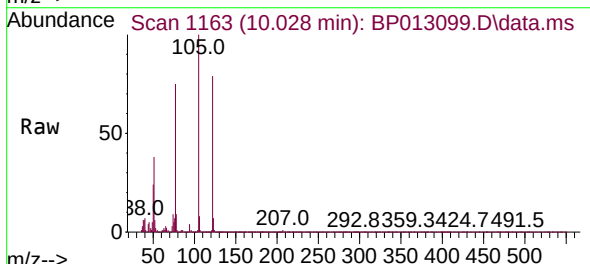
Manual Integrations
APPROVED

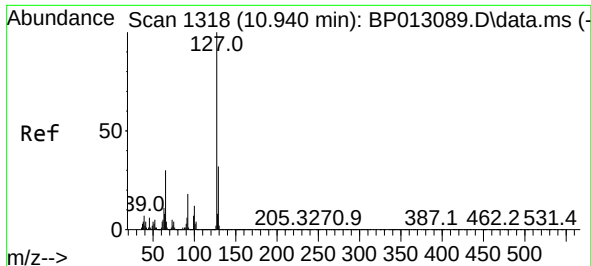
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#32
Benzoic acid
Concen: 7.297 ng m
RT: 10.028 min Scan# 1163
Delta R.T. -0.059 min
Lab File: BP013099.D
Acq: 13 Dec 2022 16:04

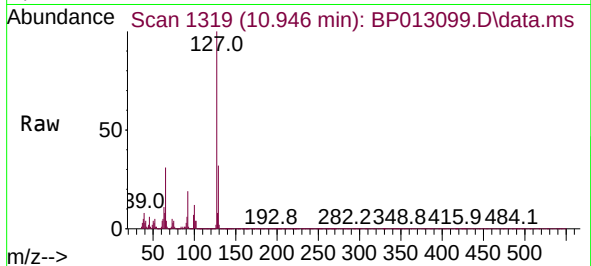
Tgt Ion:122 Resp: 148492
Ion Ratio Lower Upper
122 100
105 126.3 101.9 141.9
77 94.8 71.7 111.7





#33
4-Chloroaniline
Concen: 12.739 ng
RT: 10.946 min Scan# 1318
Delta R.T. 0.006 min
Lab File: BP013099.D
Acq: 13 Dec 2022 16:04

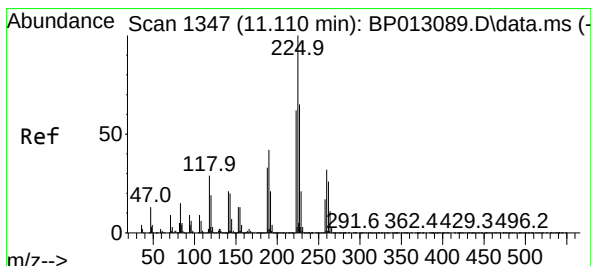
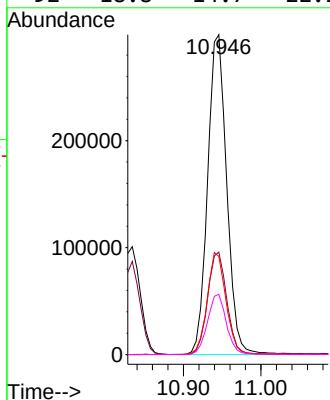
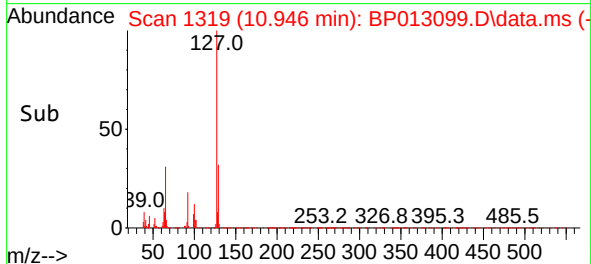
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.5	38.3
65	30.7	23.8	35.8
92	18.8	14.7	22.1

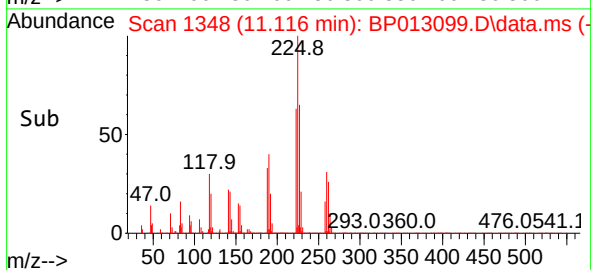
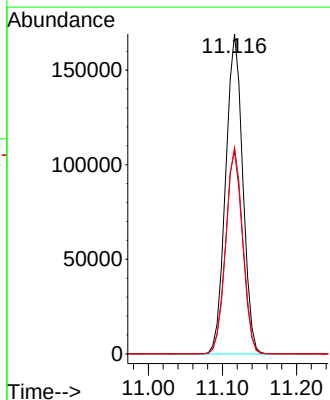
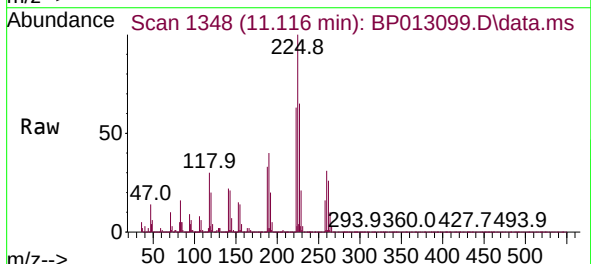
Manual Integrations
APPROVED

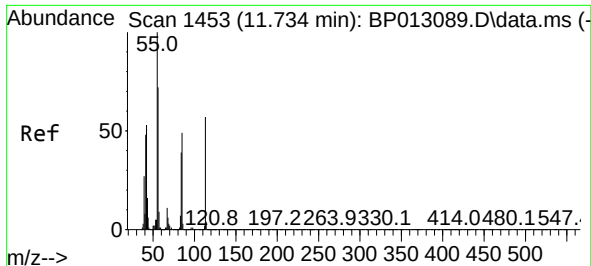
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#34
Hexachlorobutadiene
Concen: 11.276 ng
RT: 11.116 min Scan# 1348
Delta R.T. 0.006 min
Lab File: BP013099.D
Acq: 13 Dec 2022 16:04

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	49.4	74.0
227	64.7	52.0	78.0





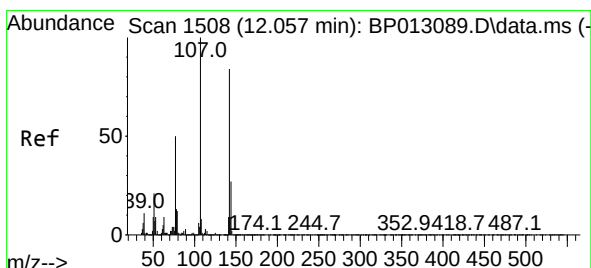
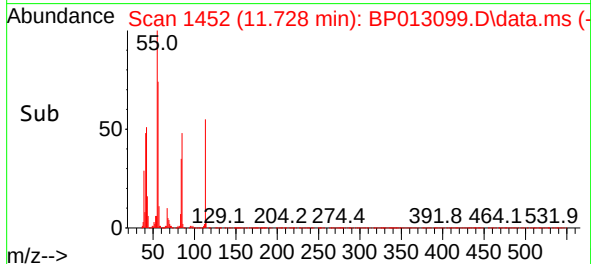
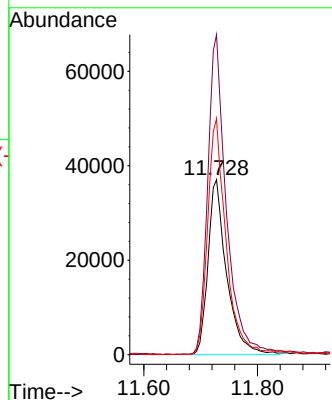
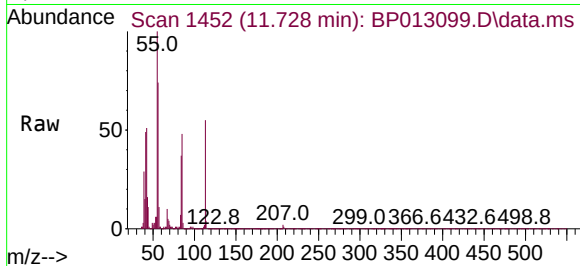
#35
Caprolactam
Concen: 10.270 ng
RT: 11.728 min Scan# 1453
Delta R.T. -0.006 min
Lab File: BP013099.D
Acq: 13 Dec 2022 16:04

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2022

Tgt Ion:113 Resp: 84406
Ion Ratio Lower Upper
113 100
55 182.9 155.5 195.5
56 134.9 106.7 146.7

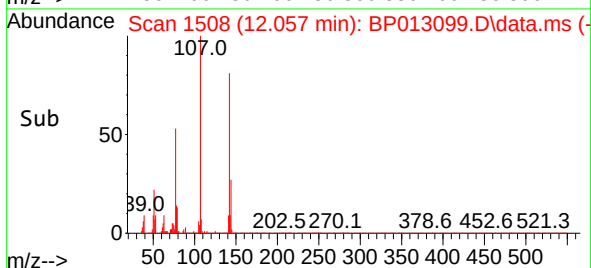
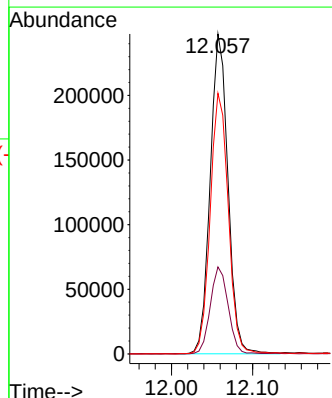
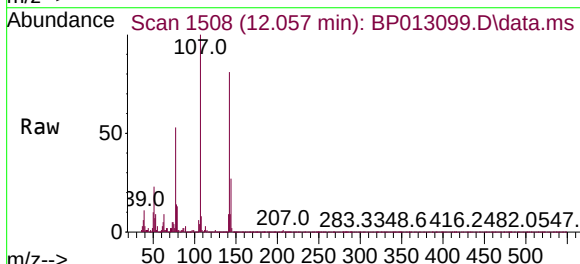
Manual Integrations
APPROVED

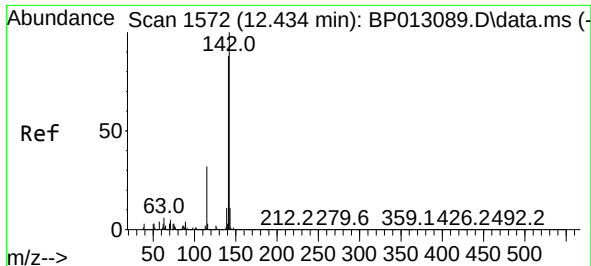
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#36
4-Chloro-3-methylphenol
Concen: 12.698 ng
RT: 12.057 min Scan# 1508
Delta R.T. 0.000 min
Lab File: BP013099.D
Acq: 13 Dec 2022 16:04

Tgt Ion:107 Resp: 377538
Ion Ratio Lower Upper
107 100
144 27.2 21.5 32.3
142 81.4 67.2 100.8





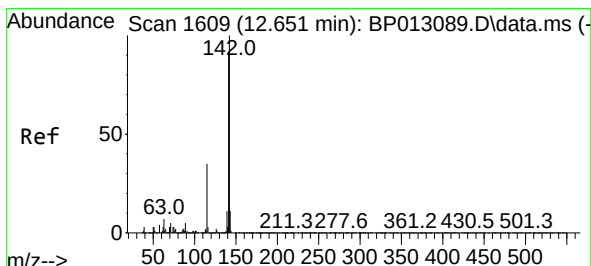
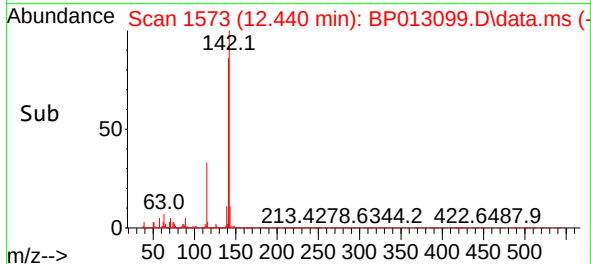
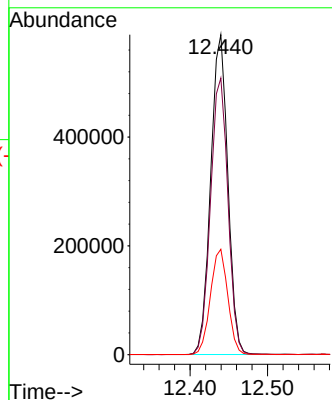
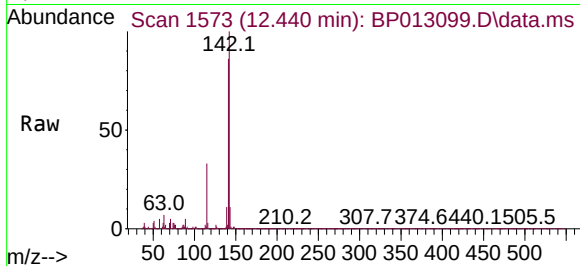
#37
2-Methylnaphthalene
Concen: 12.510 ng
RT: 12.440 min Scan# 1610
Delta R.T. 0.006 min
Lab File: BP013099.D
Acq: 13 Dec 2022 16:04

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2022

Tgt Ion:142 Resp: 906396
Ion Ratio Lower Upper
142 100
141 86.4 70.4 105.6
115 32.9 25.7 38.5

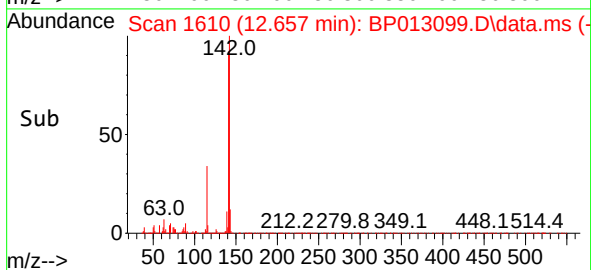
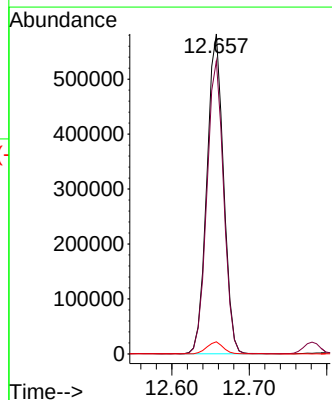
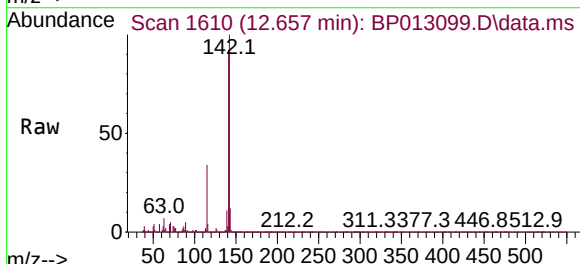
Manual Integrations
APPROVED

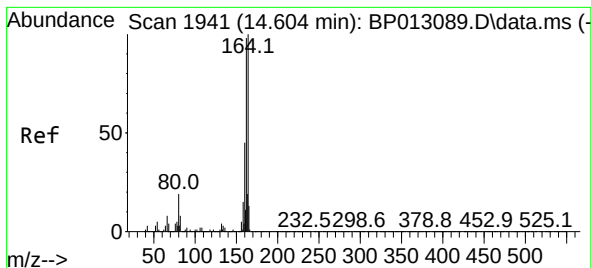
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#38
1-Methylnaphthalene
Concen: 12.315 ng
RT: 12.657 min Scan# 1610
Delta R.T. 0.006 min
Lab File: BP013099.D
Acq: 13 Dec 2022 16:04

Tgt Ion:142 Resp: 868907
Ion Ratio Lower Upper
142 100
141 91.6 73.0 109.4
116 3.8 2.8 4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.610 min Scan# 1942

Delta R.T. 0.006 min

Lab File: BP013099.D

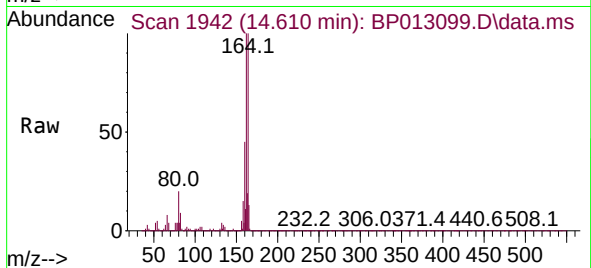
Acq: 13 Dec 2022 16:04

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT4-2022



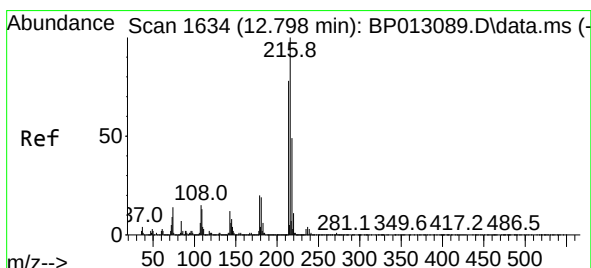
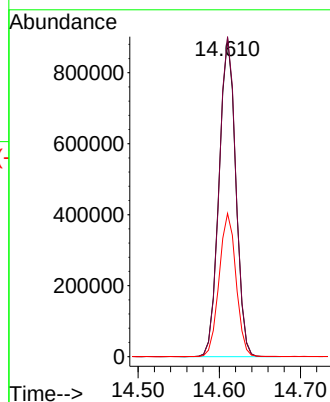
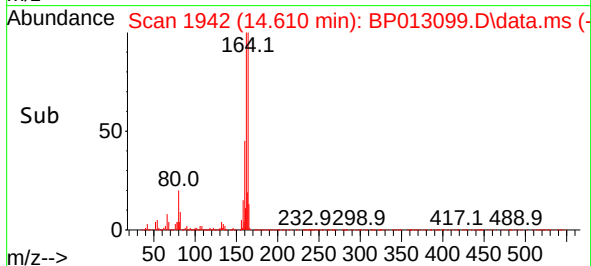
Tgt Ion:164 Resp: 1279808

Ion	Ratio	Lower	Upper
164	100		
162	100.3	78.8	118.2
160	44.9	36.0	54.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#40

1,2,4,5-Tetrachlorobenzene

Concen: 9.530 ng

RT: 12.804 min Scan# 1635

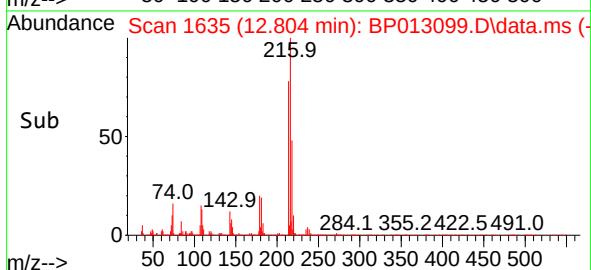
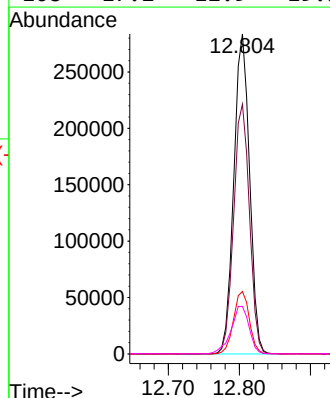
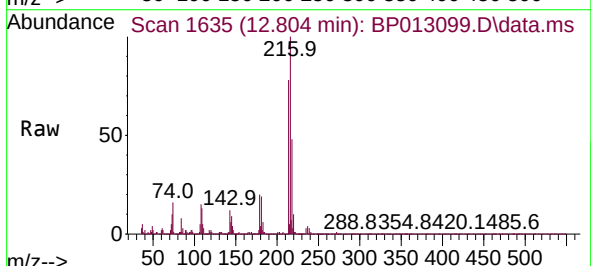
Delta R.T. 0.006 min

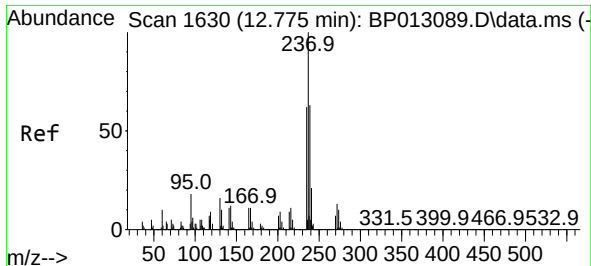
Lab File: BP013099.D

Acq: 13 Dec 2022 16:04

Tgt Ion:216 Resp: 435119

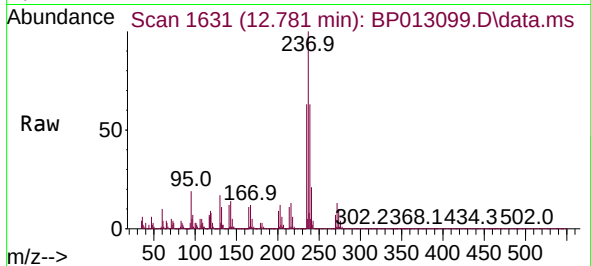
Ion	Ratio	Lower	Upper
216	100		
214	78.5	62.6	94.0
179	19.7	15.7	23.5
108	17.2	12.9	19.3





#41
Hexachlorocyclopentadiene
Concen: 11.586 ng
RT: 12.781 min Scan# 1631
Delta R.T. 0.006 min
Lab File: BP013099.D
Acq: 13 Dec 2022 16:04

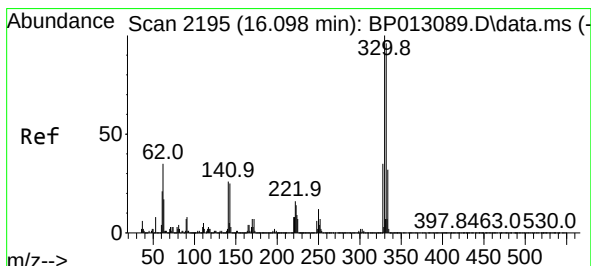
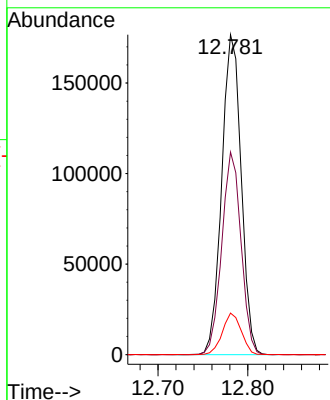
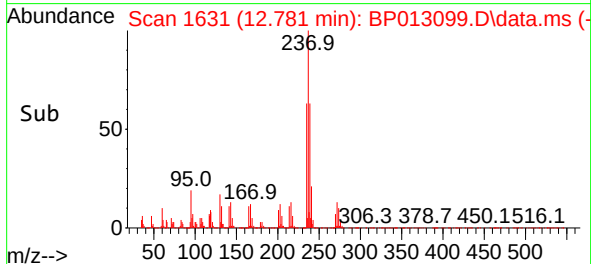
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion: 237 Resp: 266738
Ion Ratio Lower Upper
237 100
235 63.3 41.8 81.8
272 13.0 0.0 32.7

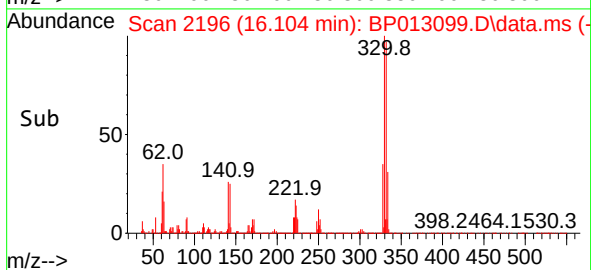
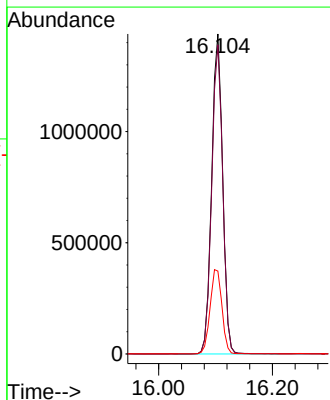
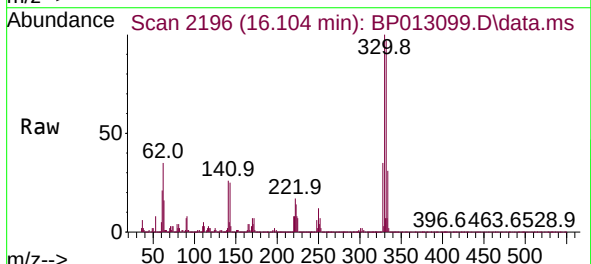
Manual Integrations
APPROVED

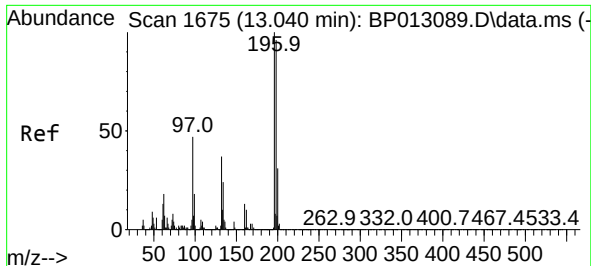
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#42
2,4,6-Tribromophenol
Concen: 125.315 ng
RT: 16.104 min Scan# 2196
Delta R.T. 0.006 min
Lab File: BP013099.D
Acq: 13 Dec 2022 16:04

Tgt Ion: 330 Resp: 1933668
Ion Ratio Lower Upper
330 100
332 96.8 77.5 116.3
141 28.4 23.2 34.8





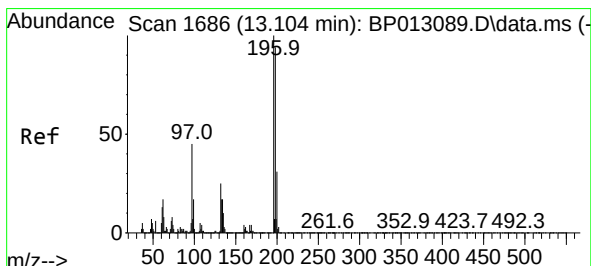
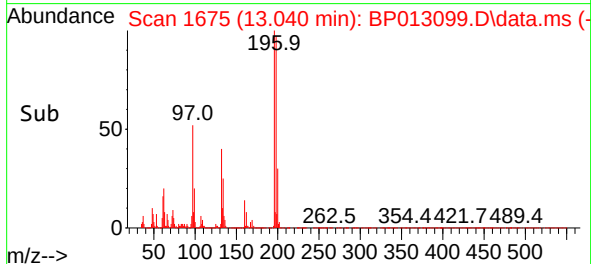
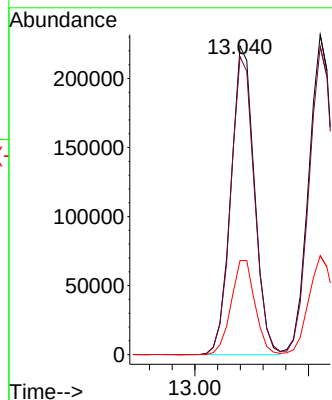
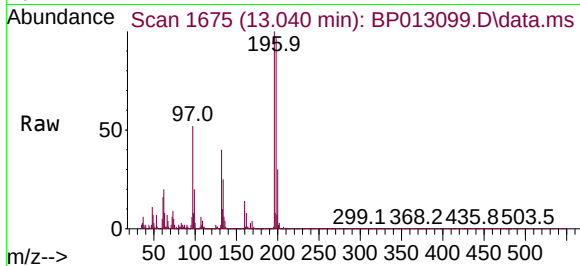
#43
2,4,6-Trichlorophenol
Concen: 11.112 ng
RT: 13.040 min Scan# 1675
Delta R.T. 0.000 min
Lab File: BP013099.D
Acq: 13 Dec 2022 16:04

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2022

Tgt Ion:196 Resp: 319923
Ion Ratio Lower Upper
196 100
198 96.6 76.9 115.3
200 30.5 25.0 37.4

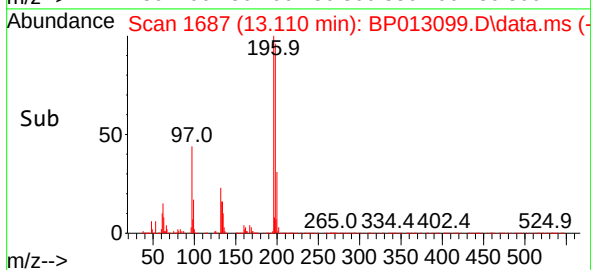
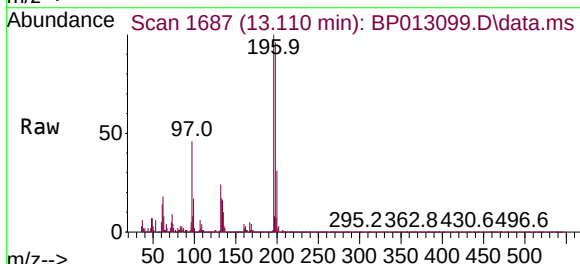
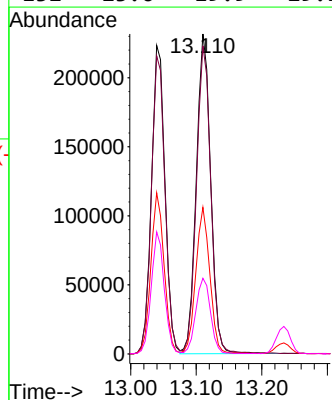
Manual Integrations
APPROVED

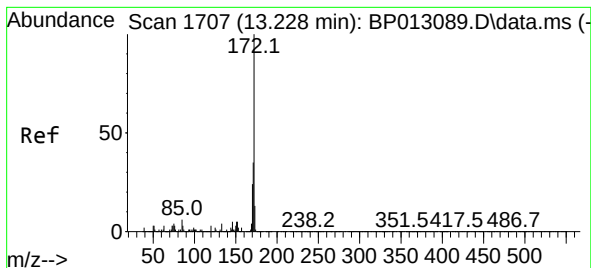
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#44
2,4,5-Trichlorophenol
Concen: 11.349 ng
RT: 13.110 min Scan# 1687
Delta R.T. 0.006 min
Lab File: BP013099.D
Acq: 13 Dec 2022 16:04

Tgt Ion:196 Resp: 353016
Ion Ratio Lower Upper
196 100
198 96.3 75.3 112.9
97 45.8 36.1 54.1
132 23.6 19.9 29.9





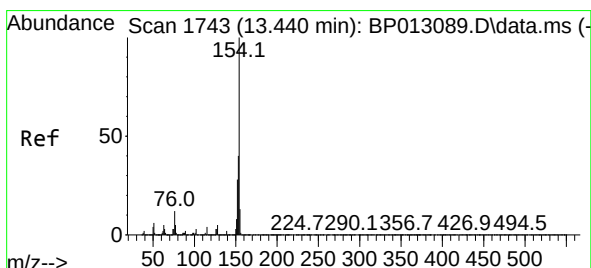
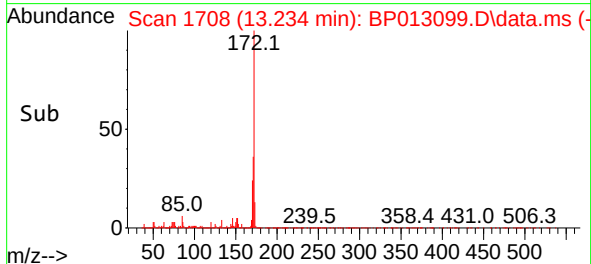
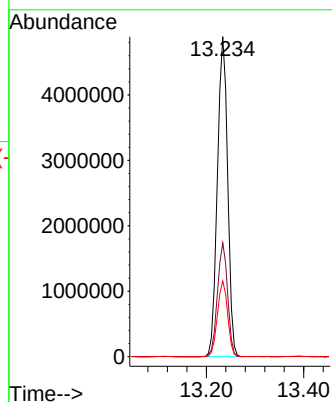
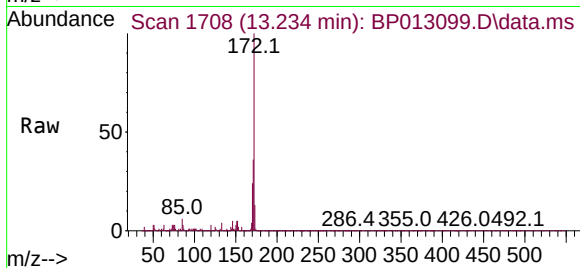
#45
2-Fluorobiphenyl
Concen: 75.770 ng
RT: 13.234 min Scan# 1707
Delta R.T. 0.006 min
Lab File: BP013099.D
Acq: 13 Dec 2022 16:04

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2022

Tgt Ion:172 Resp: 7141870
Ion Ratio Lower Upper
172 100
171 35.6 28.3 42.5
170 23.6 19.2 28.8

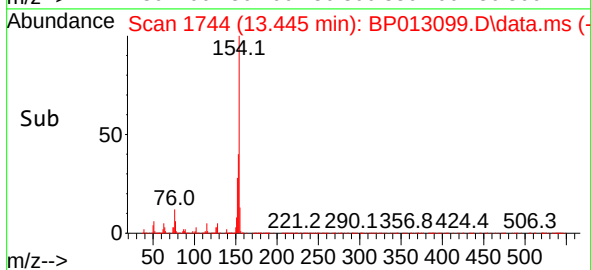
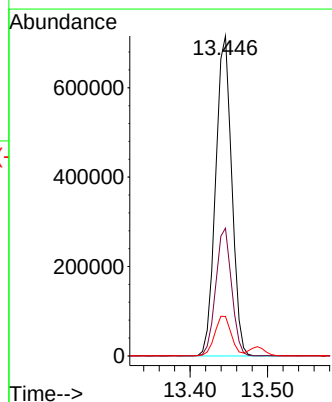
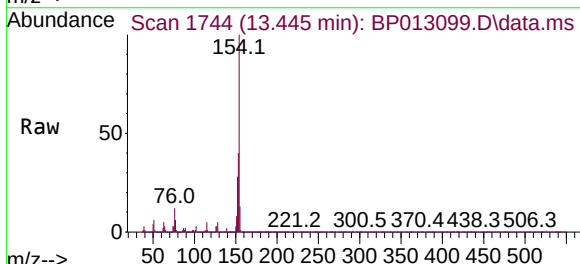
Manual Integrations
APPROVED

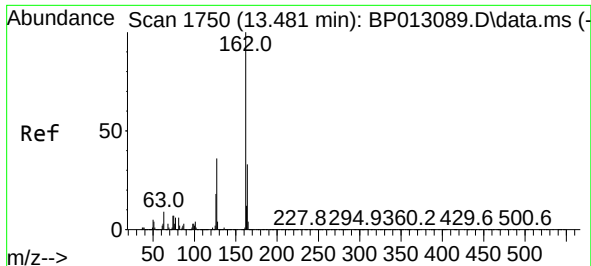
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#46
1,1'-Biphenyl
Concen: 10.207 ng
RT: 13.445 min Scan# 1744
Delta R.T. 0.006 min
Lab File: BP013099.D
Acq: 13 Dec 2022 16:04

Tgt Ion:154 Resp: 1032917
Ion Ratio Lower Upper
154 100
153 39.9 19.9 59.9
76 12.3 0.0 32.2





#47

2-Chloronaphthalene

Concen: 11.763 ng

RT: 13.487 min Scan# 1750

Delta R.T. 0.006 min

Lab File: BP013099.D

Acq: 13 Dec 2022 16:04

Instrument :

BNP_P

ClientSampleId :

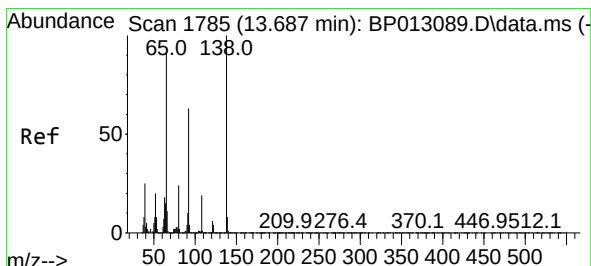
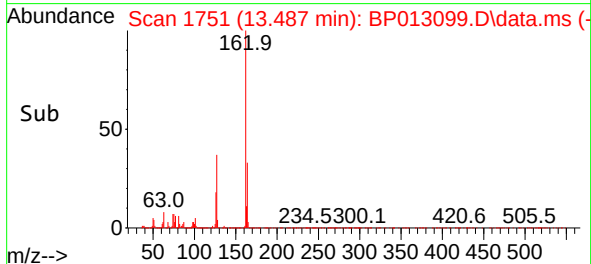
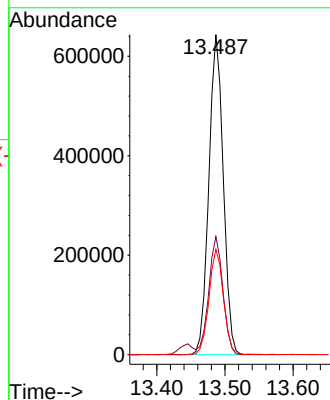
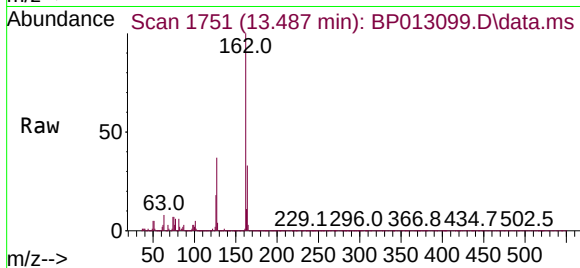
LOQ-WATER-02-QT4-2022

Tgt Ion:	162	Resp:	946062
Ion Ratio	Lower	Upper	
162	100		
127	36.9	29.0	43.6
164	32.9	26.7	40.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#48

2-Nitroaniline

Concen: 11.138 ng

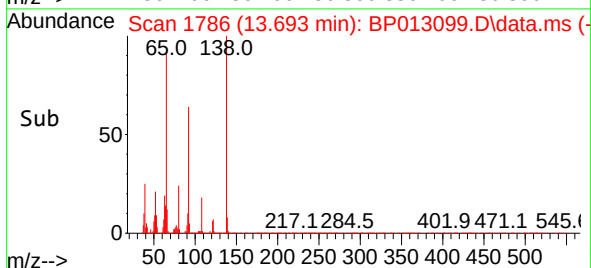
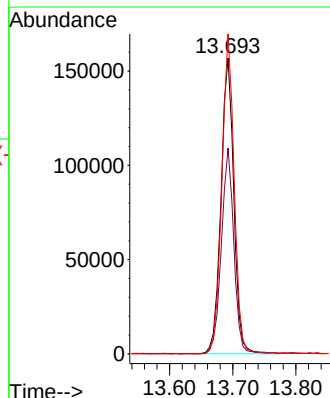
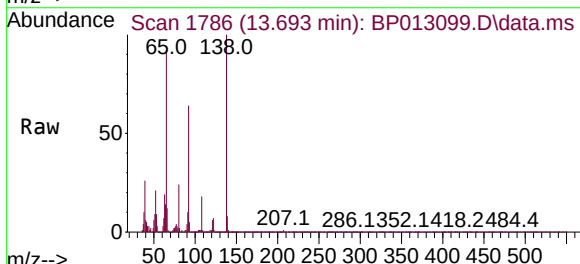
RT: 13.693 min Scan# 1786

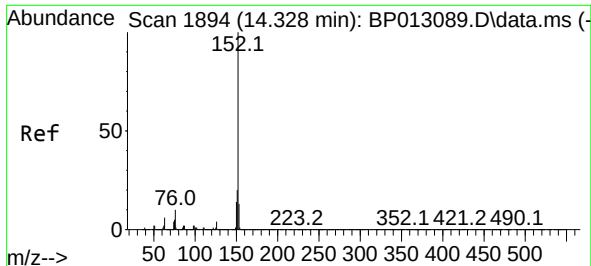
Delta R.T. 0.006 min

Lab File: BP013099.D

Acq: 13 Dec 2022 16:04

Tgt Ion:	65	Resp:	221628
Ion Ratio	Lower	Upper	
65	100		
92	69.6	55.4	83.2
138	108.2	88.1	132.1





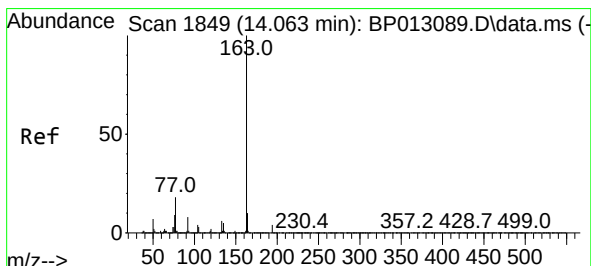
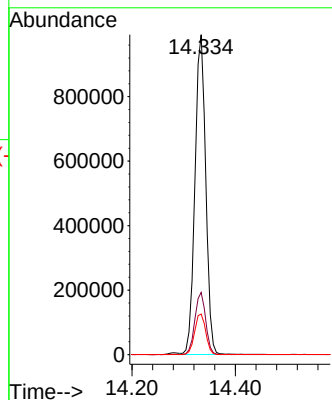
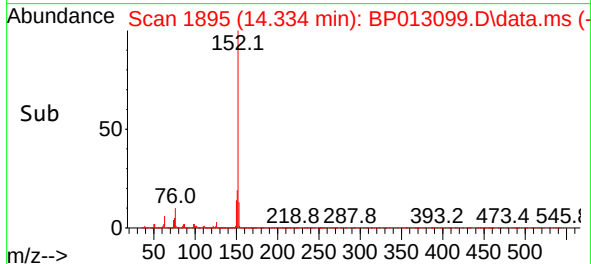
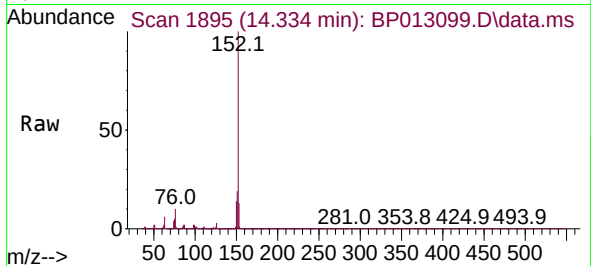
#49
Acenaphthylene
Concen: 12.110 ng
RT: 14.334 min Scan# 1895
Delta R.T. 0.006 min
Lab File: BP013099.D
Acq: 13 Dec 2022 16:04

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2022

Tgt Ion:152 Resp: 1432706
Ion Ratio Lower Upper
152 100
151 19.4 16.0 24.0
153 12.7 10.7 16.1

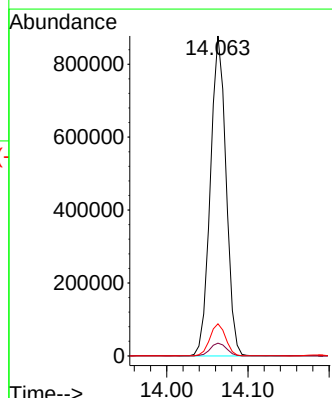
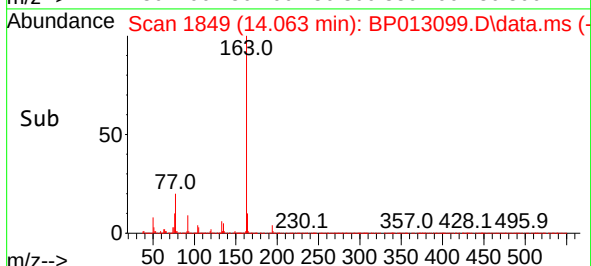
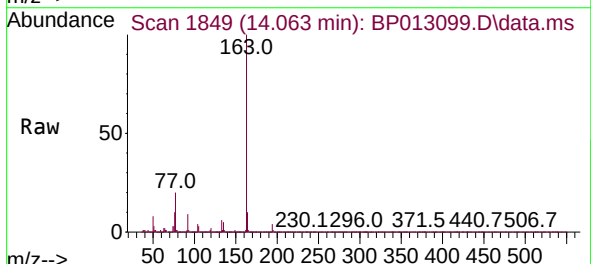
Manual Integrations
APPROVED

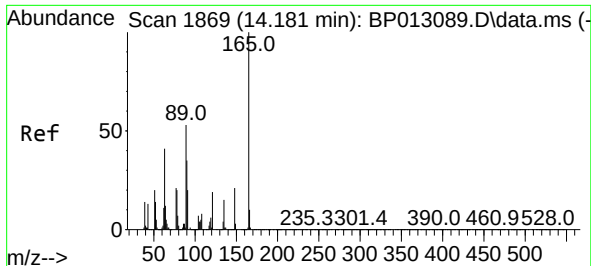
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#50
Dimethylphthalate
Concen: 12.636 ng
RT: 14.063 min Scan# 1849
Delta R.T. 0.000 min
Lab File: BP013099.D
Acq: 13 Dec 2022 16:04

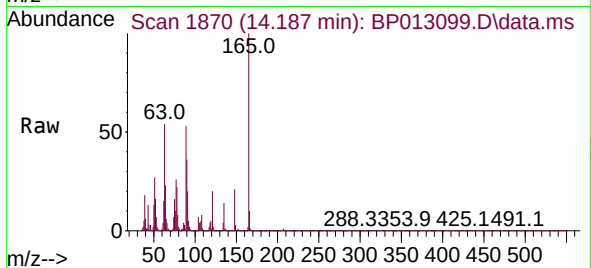
Tgt Ion:163 Resp: 1182907
Ion Ratio Lower Upper
163 100
194 4.0 3.5 5.3
164 10.0 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 12.224 ng
RT: 14.187 min Scan# 1869
Delta R.T. 0.006 min
Lab File: BP013099.D
Acq: 13 Dec 2022 16:04

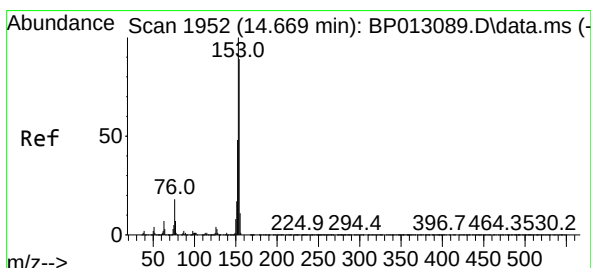
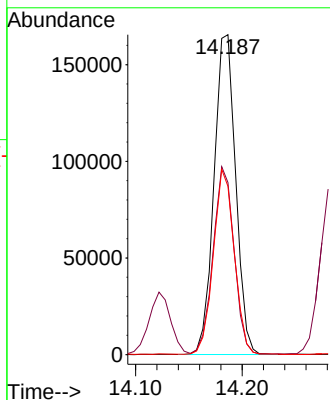
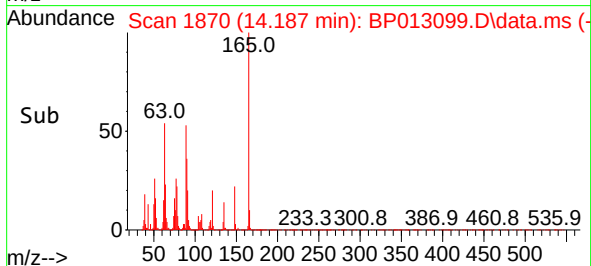
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:165 Resp: 234156
Ion Ratio Lower Upper
165 100
63 53.8 41.8 62.8
89 52.6 42.4 63.6

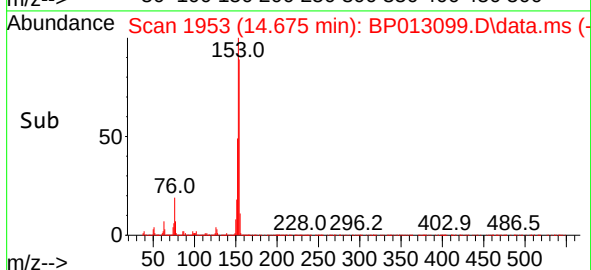
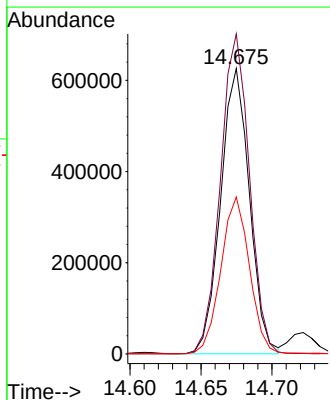
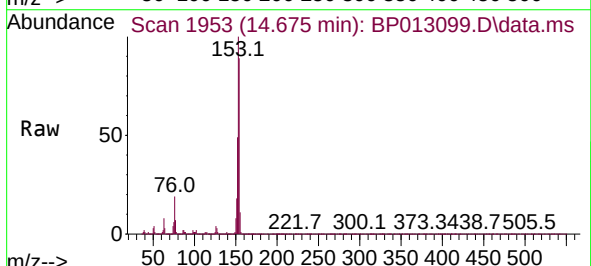
Manual Integrations
APPROVED

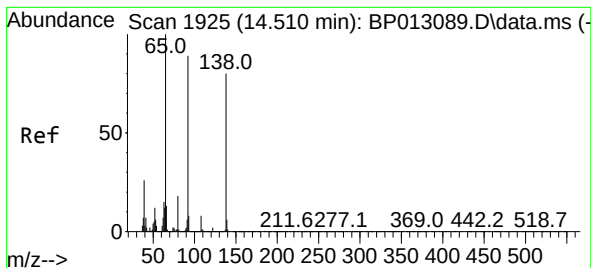
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#52
Acenaphthene
Concen: 12.002 ng
RT: 14.675 min Scan# 1953
Delta R.T. 0.006 min
Lab File: BP013099.D
Acq: 13 Dec 2022 16:04

Tgt Ion:154 Resp: 882740
Ion Ratio Lower Upper
154 100
153 112.2 90.0 135.0
152 55.0 43.0 64.6





#53

3-Nitroaniline

Concen: 11.778 ng

RT: 14.516 min Scan# 1925

Delta R.T. 0.006 min

Lab File: BP013099.D

Acq: 13 Dec 2022 16:04

Instrument :

BNP_P

ClientSampleId :

LOQ-WATER-02-QT4-2022

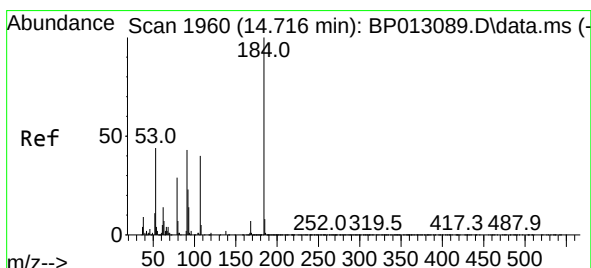
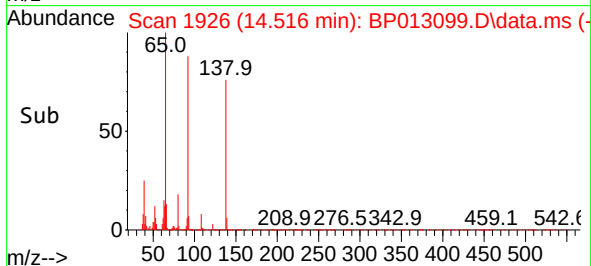
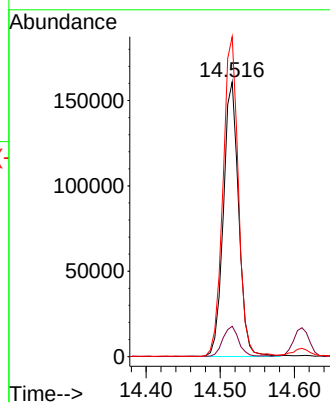
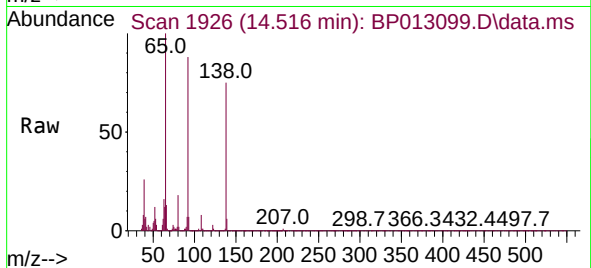
Tgt Ion:138 Resp: 230052

Ion	Ratio	Lower	Upper
138	100		
108	11.0	7.8	11.6
92	116.5	89.2	133.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#54

2,4-Dinitrophenol

Concen: 9.876 ng

RT: 14.722 min Scan# 1961

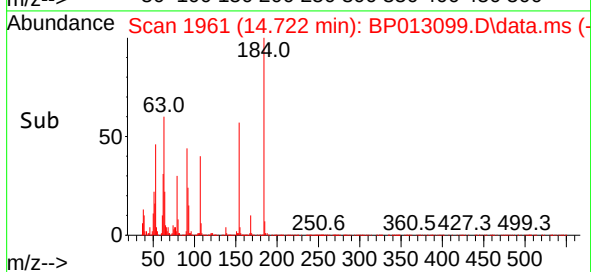
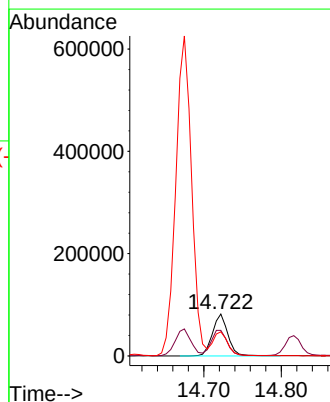
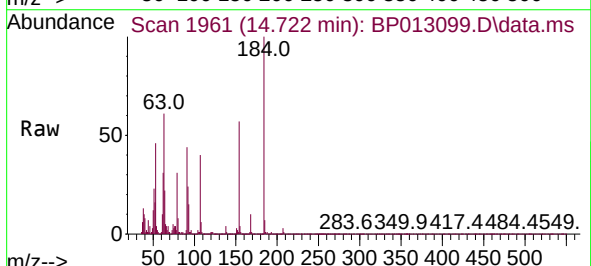
Delta R.T. 0.006 min

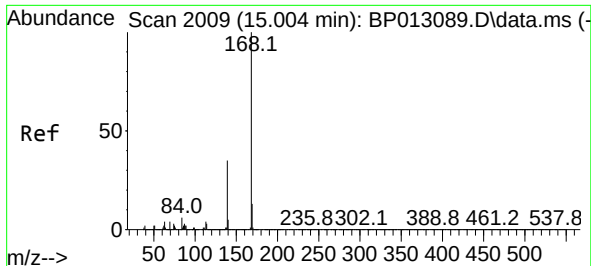
Lab File: BP013099.D

Acq: 13 Dec 2022 16:04

Tgt Ion:184 Resp: 112716

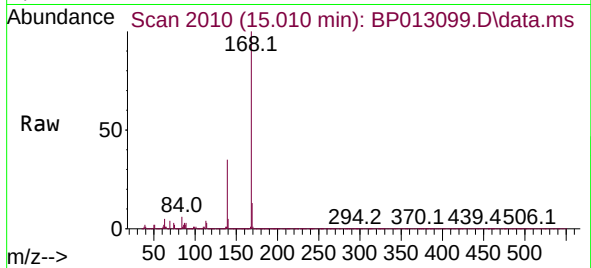
Ion	Ratio	Lower	Upper
184	100		
63	60.7	47.6	71.4
154	57.3	45.5	68.3





#55
Dibenzenofuran
Concen: 12.556 ng
RT: 15.010 min Scan# 2009
Delta R.T. 0.006 min
Lab File: BP013099.D
Acq: 13 Dec 2022 16:04

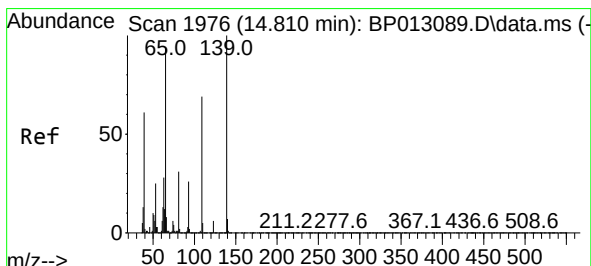
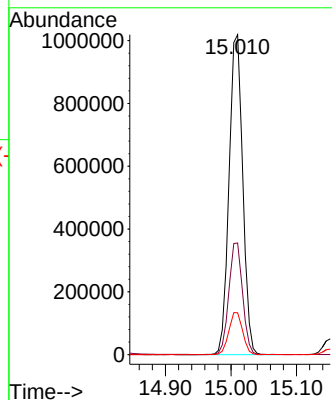
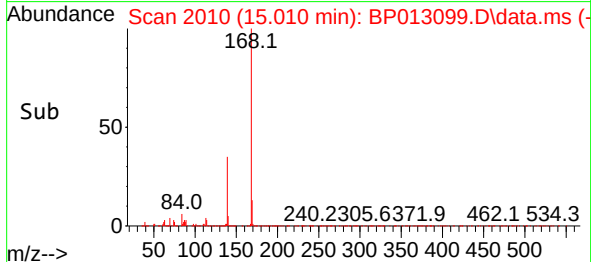
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:168 Resp: 1477860
Ion Ratio Lower Upper
168 100
139 34.9 27.8 41.8
169 13.1 10.7 16.1

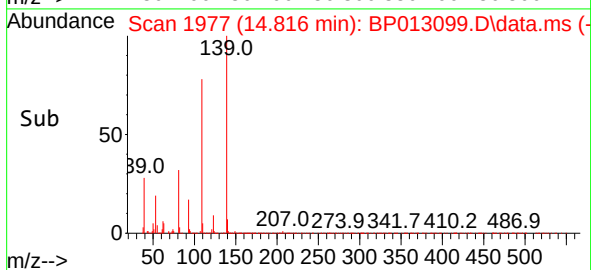
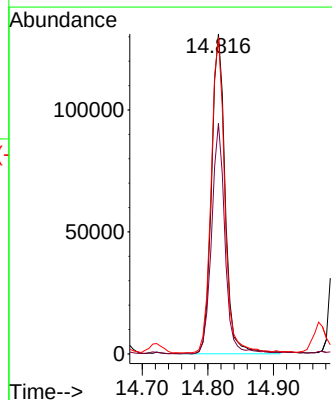
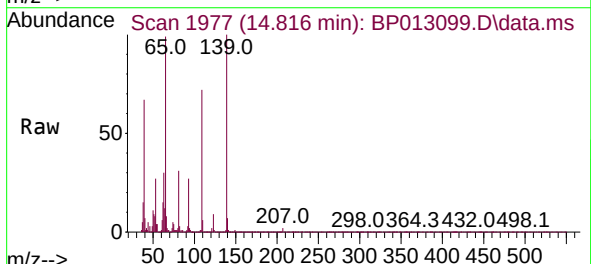
Manual Integrations
APPROVED

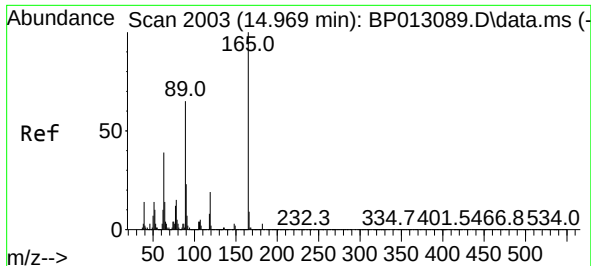
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#56
4-Nitrophenol
Concen: 11.824 ng
RT: 14.816 min Scan# 1977
Delta R.T. 0.006 min
Lab File: BP013099.D
Acq: 13 Dec 2022 16:04

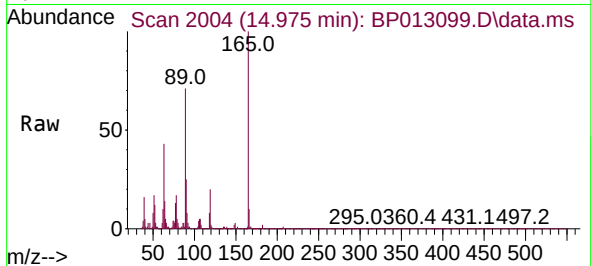
Tgt Ion:139 Resp: 189289
Ion Ratio Lower Upper
139 100
109 72.0 49.4 89.4
65 99.0 74.1 114.1





#57
2,4-Dinitrotoluene
Concen: 12.412 ng
RT: 14.975 min Scan# 20
Delta R.T. 0.006 min
Lab File: BP013099.D
Acq: 13 Dec 2022 16:04

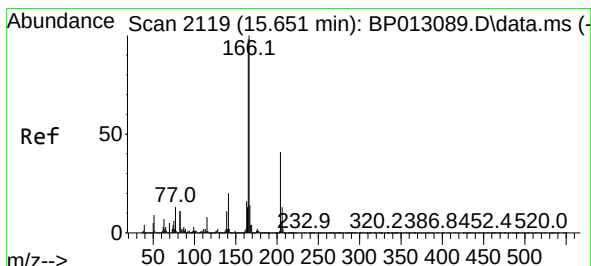
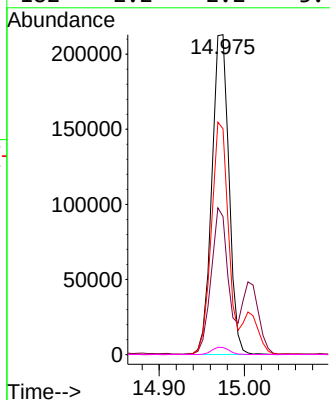
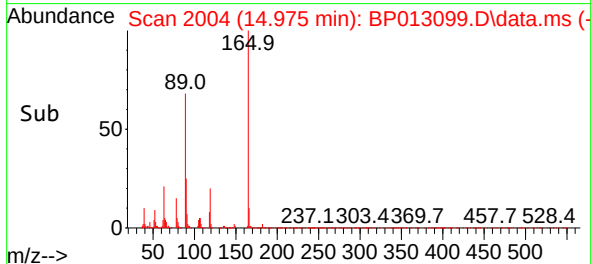
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:165 Resp: 297212
Ion Ratio Lower Upper
165 100
63 43.1 31.4 47.2
89 70.6 52.1 78.1
182 2.2 2.2 3.4

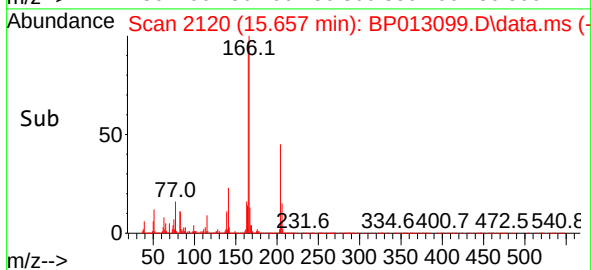
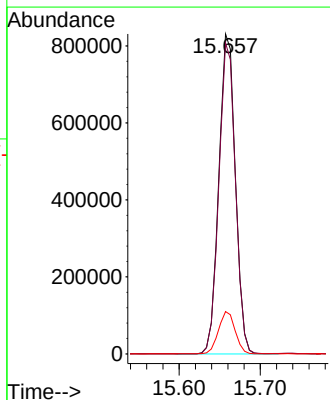
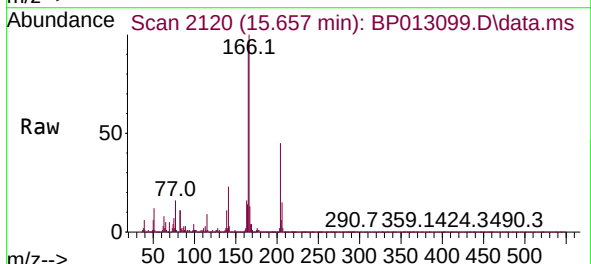
Manual Integrations
APPROVED

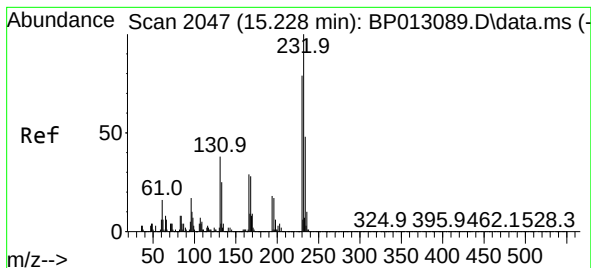
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#58
Fluorene
Concen: 12.873 ng
RT: 15.657 min Scan# 2120
Delta R.T. 0.006 min
Lab File: BP013099.D
Acq: 13 Dec 2022 16:04

Tgt Ion:166 Resp: 1172726
Ion Ratio Lower Upper
166 100
165 97.1 78.2 117.4
167 13.2 11.2 16.8





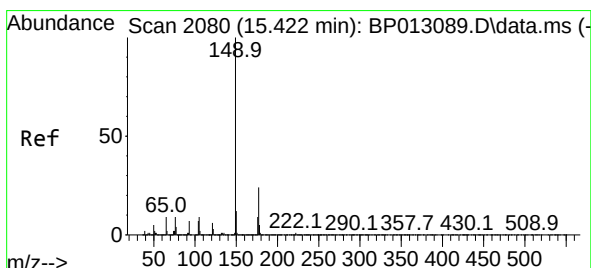
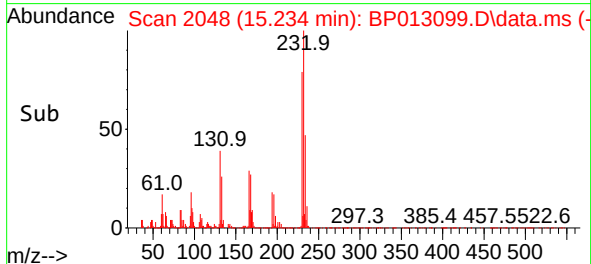
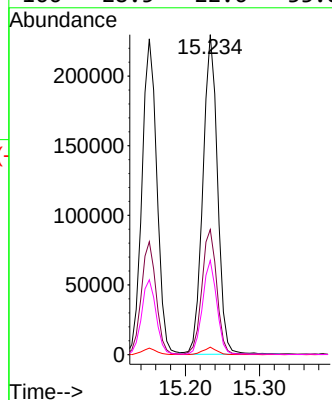
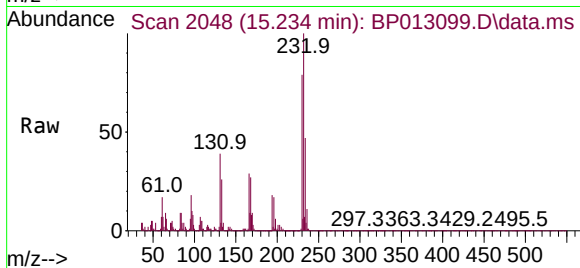
#59
2,3,4,6-Tetrachlorophenol
Concen: 11.854 ng
RT: 15.234 min Scan# 2048
Delta R.T. 0.006 min
Lab File: BP013099.D
Acq: 13 Dec 2022 16:04

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2022

Tgt Ion:232 Resp: 315189
Ion Ratio Lower Upper
232 100
131 39.7 30.8 46.2
130 2.1 1.7 2.5
166 28.5 22.6 33.8

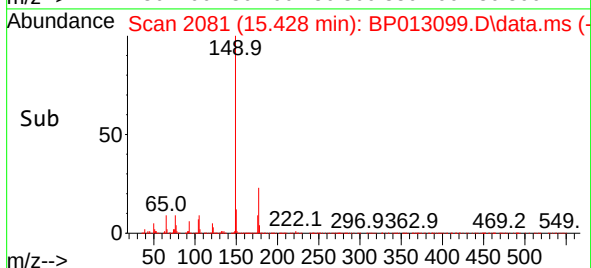
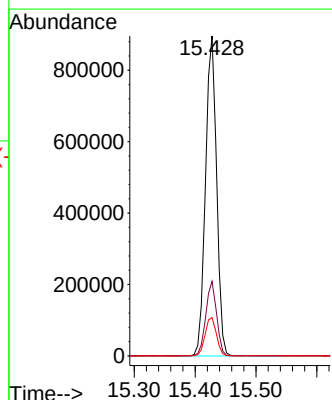
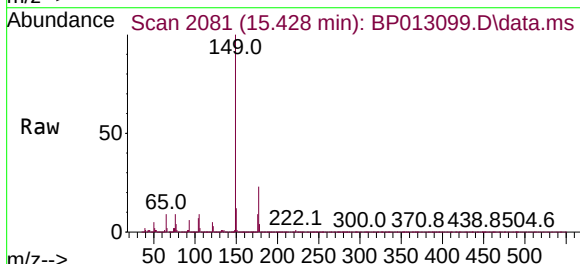
Manual Integrations
APPROVED

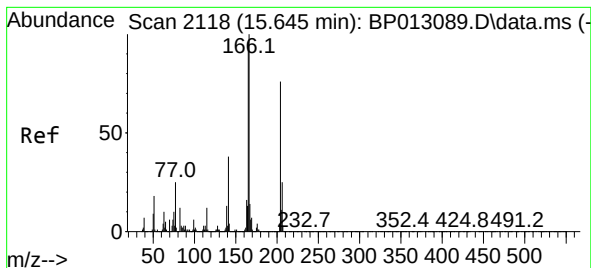
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#60
Diethylphthalate
Concen: 13.121 ng
RT: 15.428 min Scan# 2081
Delta R.T. 0.006 min
Lab File: BP013099.D
Acq: 13 Dec 2022 16:04

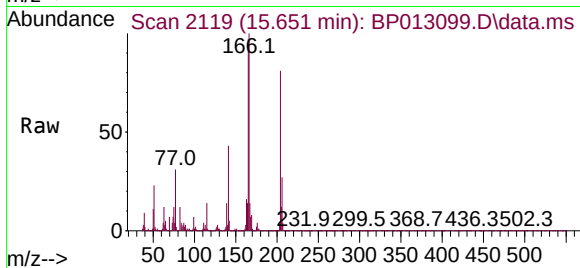
Tgt Ion:149 Resp: 1129187
Ion Ratio Lower Upper
149 100
177 23.3 19.0 28.4
150 12.0 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 13.049 ng
RT: 15.651 min Scan# 2119
Delta R.T. 0.006 min
Lab File: BP013099.D
Acq: 13 Dec 2022 16:04

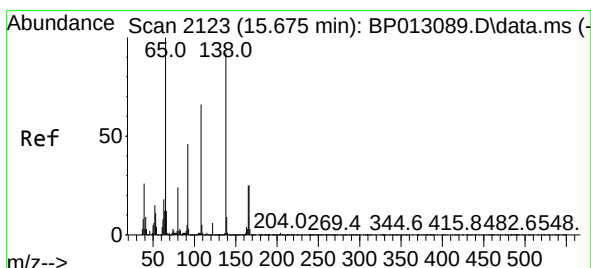
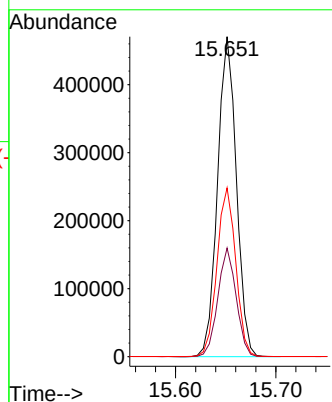
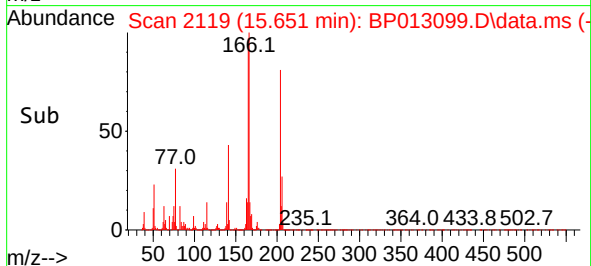
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:204 Resp: 615203
Ion Ratio Lower Upper
204 100
206 33.9 26.6 39.8
141 52.7 39.9 59.9

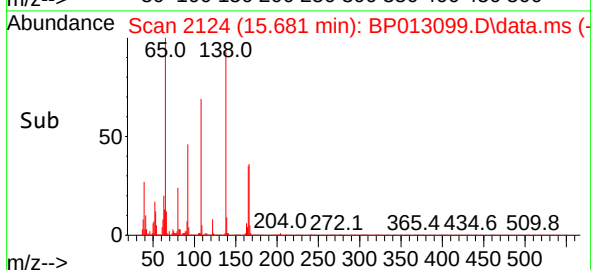
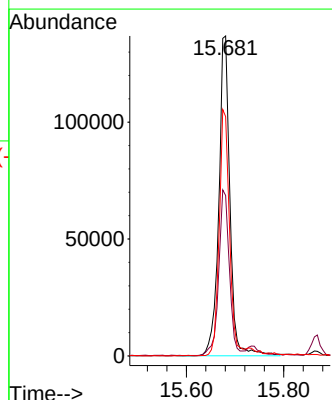
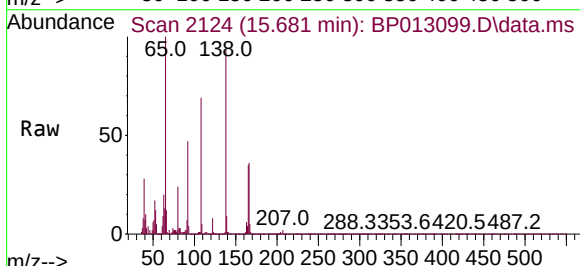
Manual Integrations
APPROVED

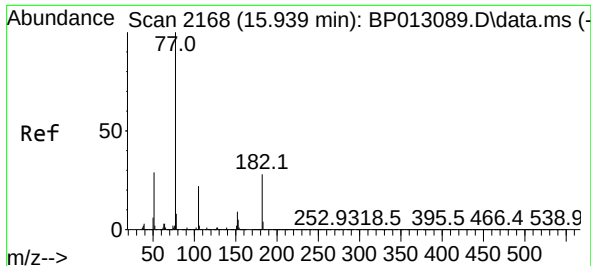
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#62
4-Nitroaniline
Concen: 11.897 ng
RT: 15.681 min Scan# 2124
Delta R.T. 0.006 min
Lab File: BP013099.D
Acq: 13 Dec 2022 16:04

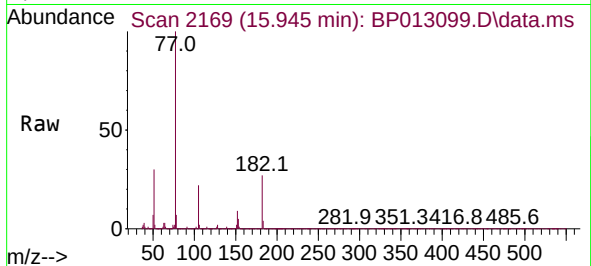
Tgt Ion:138 Resp: 216887
Ion Ratio Lower Upper
138 100
92 50.1 30.4 70.4
108 74.8 51.4 91.4





#63
Azobenzene
Concen: 12.832 ng
RT: 15.945 min Scan# 2169
Delta R.T. 0.006 min
Lab File: BP013099.D
Acq: 13 Dec 2022 16:04

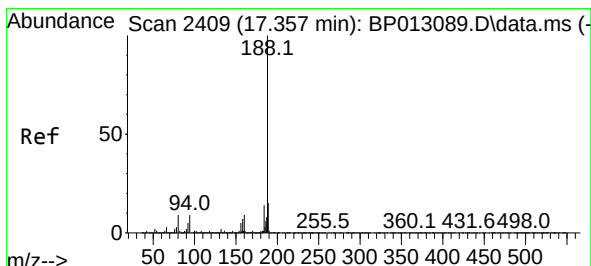
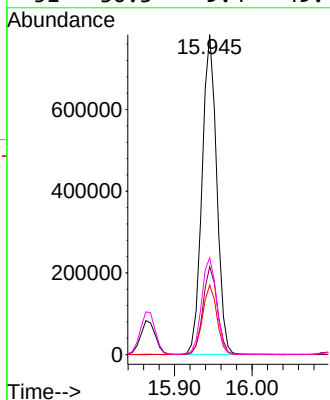
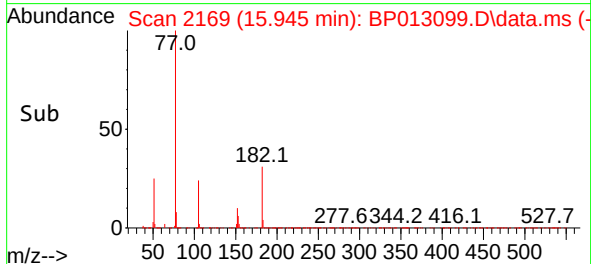
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2022



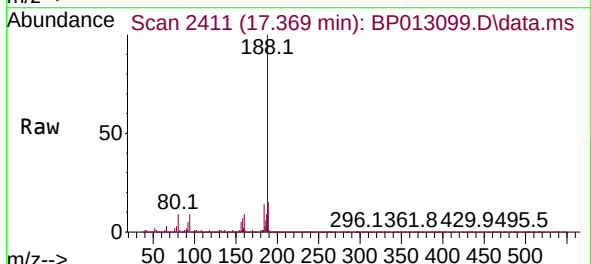
Tgt Ion: 77 Resp: 102626
Ion Ratio Lower Upper
77 100
182 27.5 8.3 48.3
105 21.7 1.6 41.6
51 30.3 9.4 49.4

Manual Integrations
APPROVED

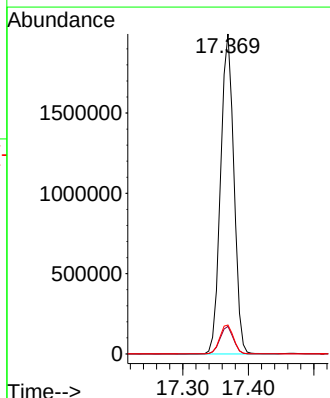
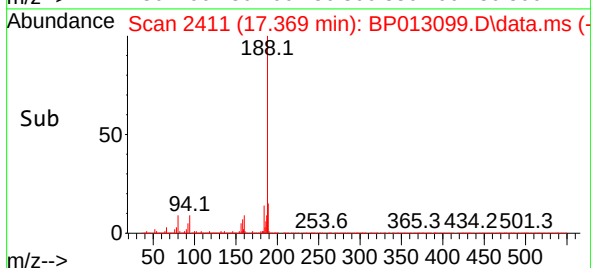
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022

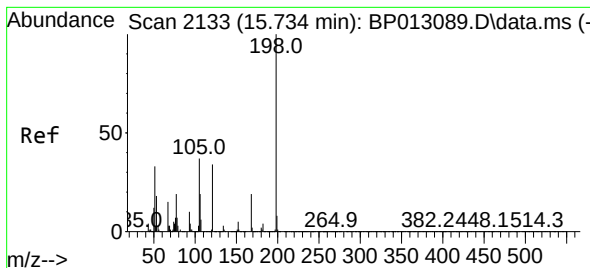


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.369 min Scan# 2411
Delta R.T. 0.012 min
Lab File: BP013099.D
Acq: 13 Dec 2022 16:04



Tgt Ion:188 Resp: 2819755
Ion Ratio Lower Upper
188 100
94 8.6 7.0 10.6
80 9.1 7.5 11.3





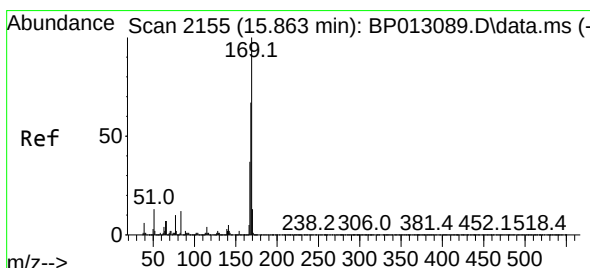
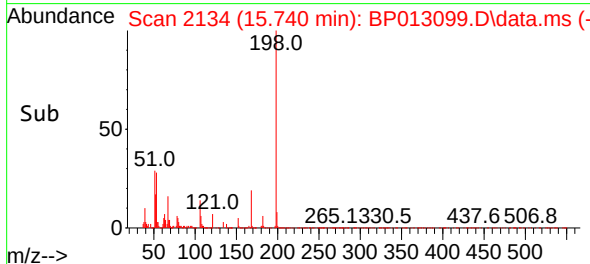
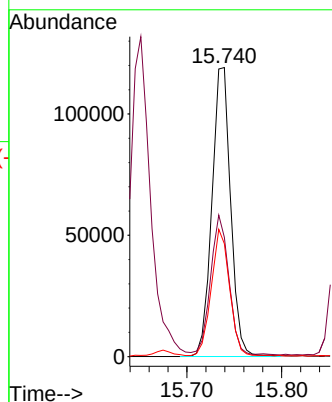
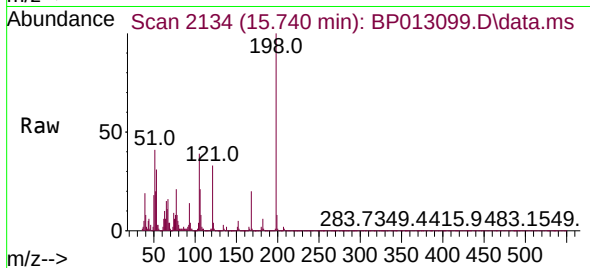
#65
4,6-Dinitro-2-methylphenol
Concen: 9.058 ng
RT: 15.740 min Scan# 2134
Delta R.T. 0.005 min
Lab File: BP013099.D
Acq: 13 Dec 2022 16:04

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2022

Tgt Ion:198 Resp: 164082
Ion Ratio Lower Upper
198 100
51 41.3 18.9 58.9
105 39.1 18.2 58.2

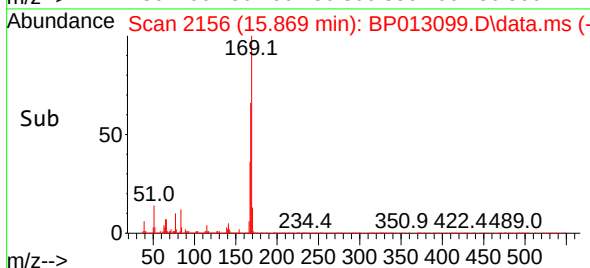
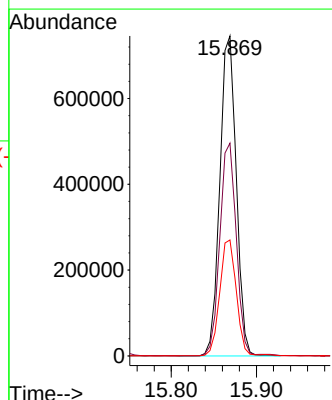
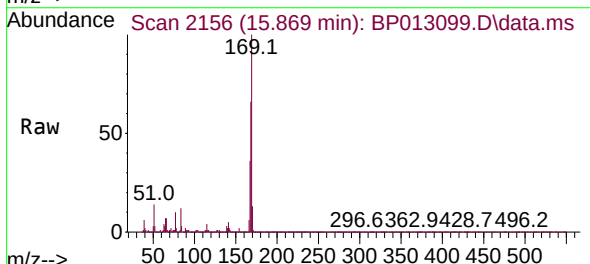
Manual Integrations
APPROVED

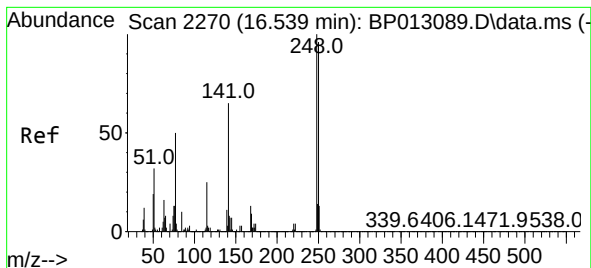
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#66
n-Nitrosodiphenylamine
Concen: 11.331 ng
RT: 15.869 min Scan# 2156
Delta R.T. 0.006 min
Lab File: BP013099.D
Acq: 13 Dec 2022 16:04

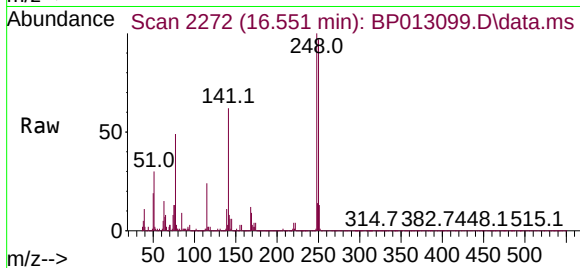
Tgt Ion:169 Resp: 997556
Ion Ratio Lower Upper
169 100
168 66.5 53.4 80.2
167 36.2 29.4 44.0





#67
4-Bromophenyl-phenylether
Concen: 11.051 ng
RT: 16.551 min Scan# 2270
Delta R.T. 0.012 min
Lab File: BP013099.D
Acq: 13 Dec 2022 16:04

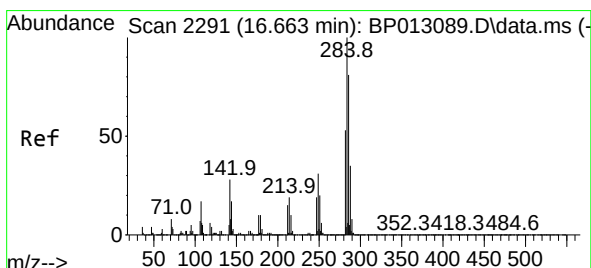
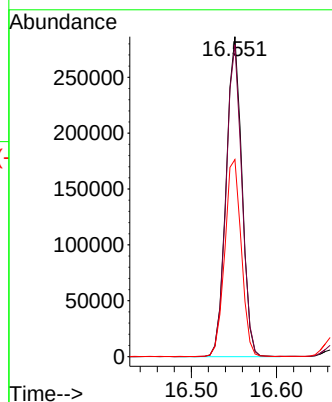
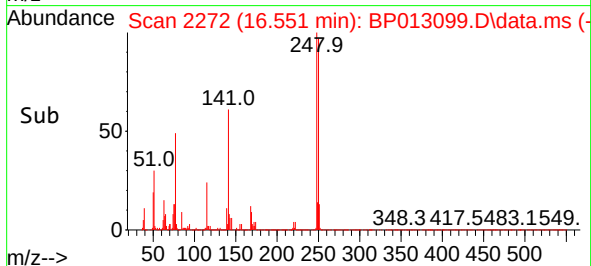
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:248 Resp: 368479
Ion Ratio Lower Upper
248 100
250 97.5 76.4 114.6
141 61.6 51.8 77.6

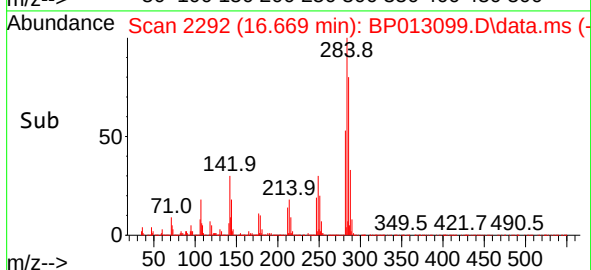
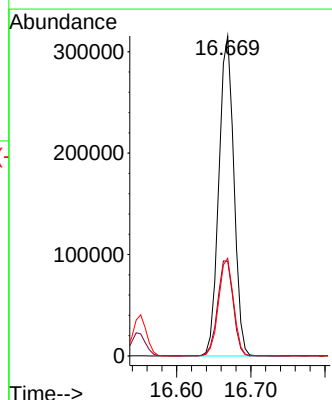
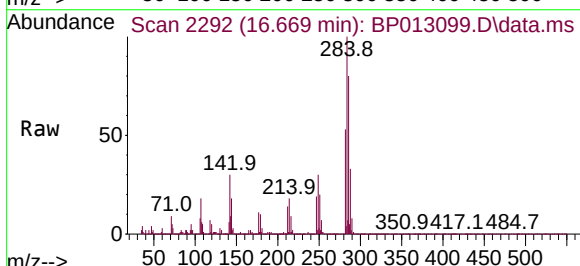
Manual Integrations
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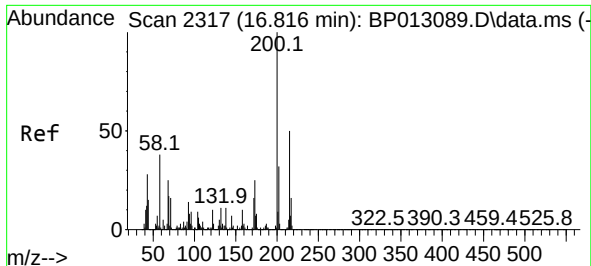
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#68
Hexachlorobenzene
Concen: 11.349 ng
RT: 16.669 min Scan# 2292
Delta R.T. 0.006 min
Lab File: BP013099.D
Acq: 13 Dec 2022 16:04

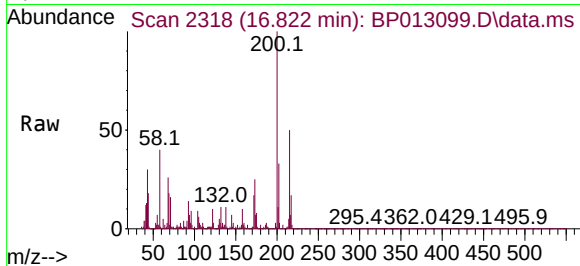
Tgt Ion:284 Resp: 443078
Ion Ratio Lower Upper
284 100
142 29.6 22.6 34.0
249 30.5 24.5 36.7





#69
Atrazine
Concen: 11.465 ng
RT: 16.822 min Scan# 2317
Delta R.T. 0.006 min
Lab File: BP013099.D
Acq: 13 Dec 2022 16:04

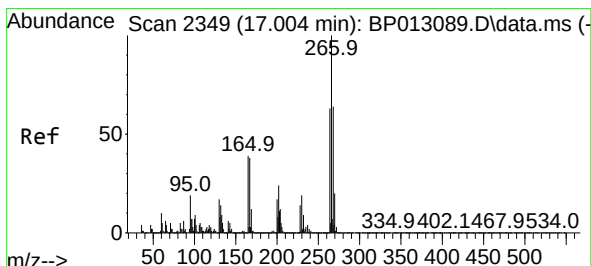
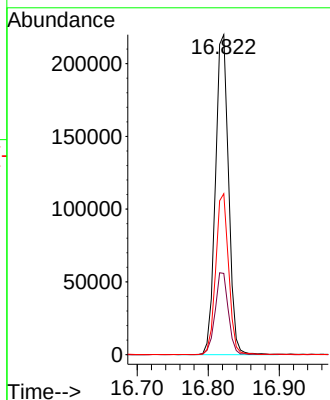
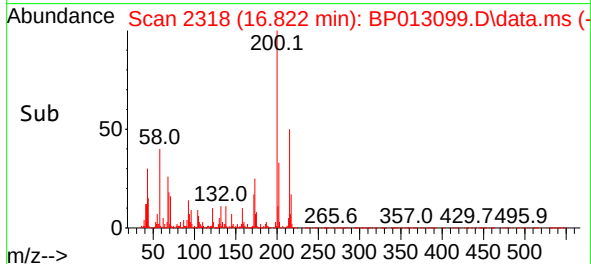
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:200 Resp: 283209
Ion Ratio Lower Upper
200 100
173 25.4 4.7 44.7
215 50.3 29.5 69.5

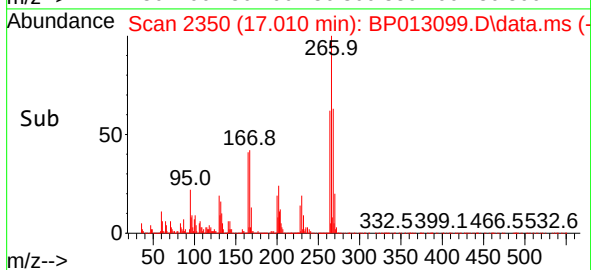
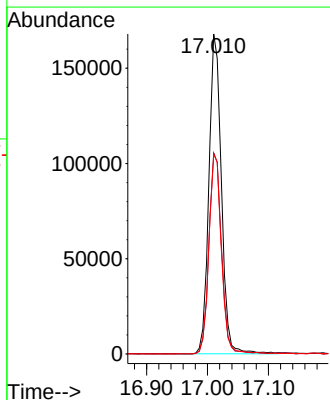
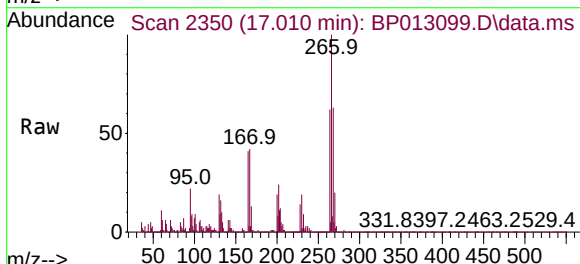
Manual Integrations
APPROVED

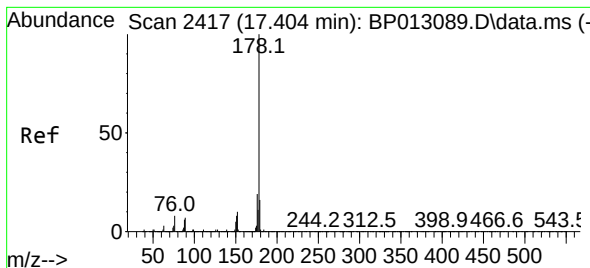
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#70
Pentachlorophenol
Concen: 10.412 ng
RT: 17.010 min Scan# 2350
Delta R.T. 0.006 min
Lab File: BP013099.D
Acq: 13 Dec 2022 16:04

Tgt Ion:266 Resp: 239385
Ion Ratio Lower Upper
266 100
268 62.8 50.9 76.3
264 62.4 50.6 76.0





#71

Phenanthrene

Concen: 11.605 ng

RT: 17.410 min Scan# 2418

Delta R.T. 0.006 min

Lab File: BP013099.D

Acq: 13 Dec 2022 16:04

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT4-2022

Tgt Ion:178 Resp: 1862104

Ion Ratio Lower Upper

178 100

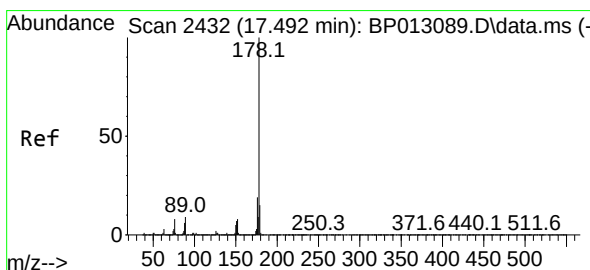
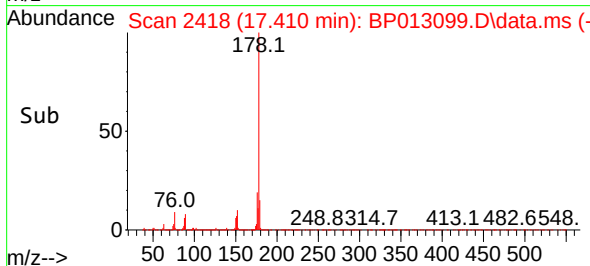
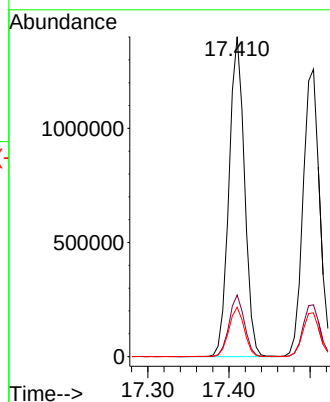
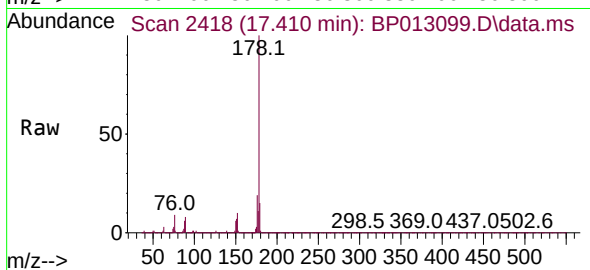
176 19.2 15.5 23.3

179 15.4 12.6 18.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#72

Anthracene

Concen: 12.031 ng

RT: 17.504 min Scan# 2434

Delta R.T. 0.012 min

Lab File: BP013099.D

Acq: 13 Dec 2022 16:04

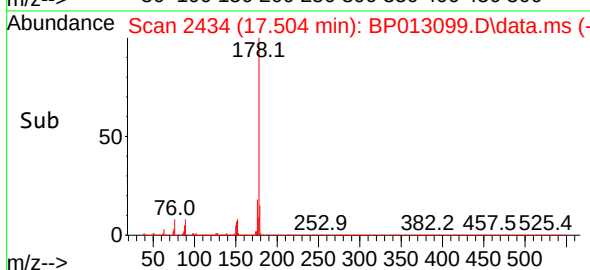
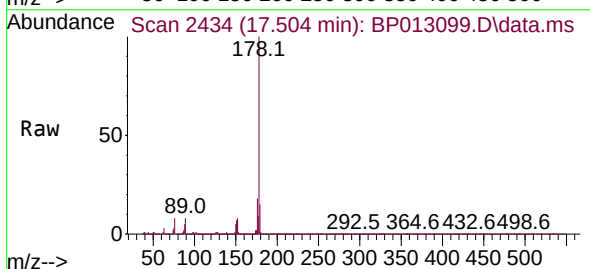
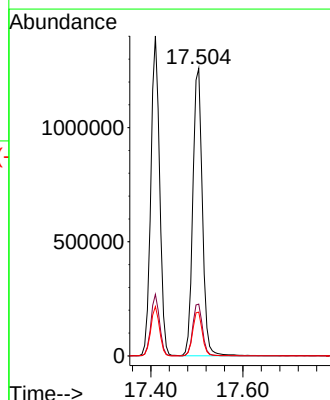
Tgt Ion:178 Resp: 1812304

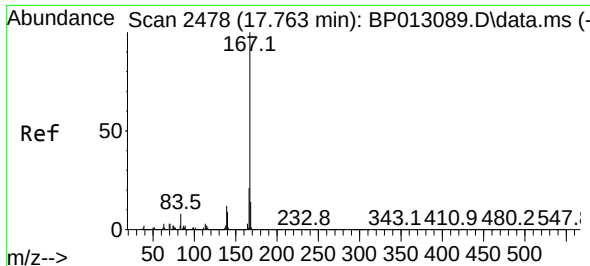
Ion Ratio Lower Upper

178 100

176 18.0 14.8 22.2

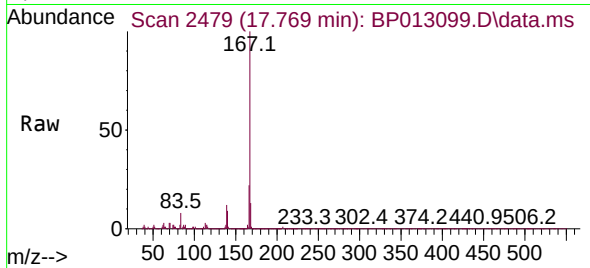
179 15.2 12.4 18.6





#73
 Carbazole
 Concen: 12.349 ng
 RT: 17.769 min Scan# 2478
 Delta R.T. 0.006 min
 Lab File: BP013099.D
 Acq: 13 Dec 2022 16:04

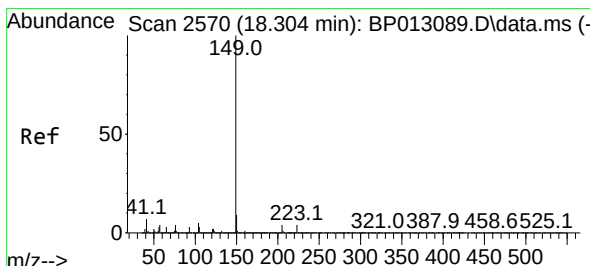
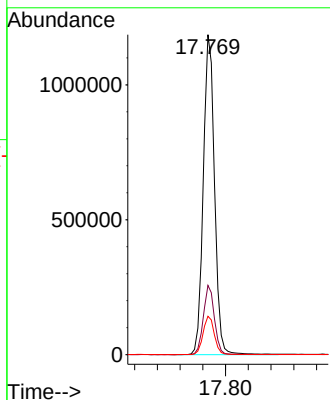
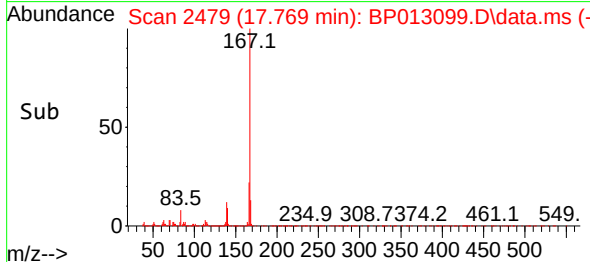
Instrument :
 BNA_P
 ClientSampleId :
 LOQ-WATER-02-QT4-2022



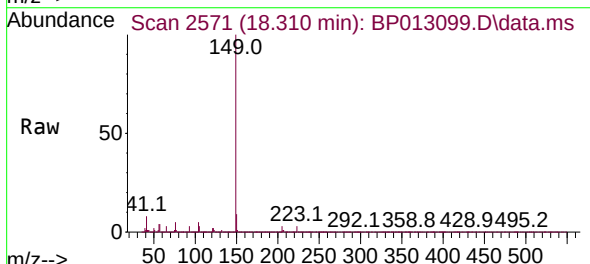
Tgt Ion:167 Resp: 1630706
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.1 25.7
 139 12.0 9.7 14.5

Manual Integrations
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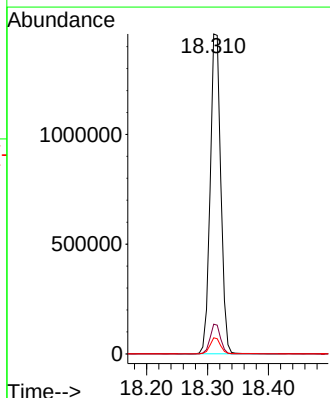
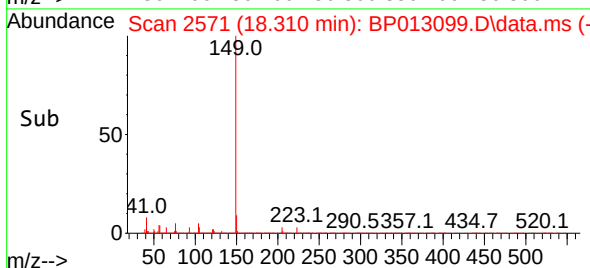
Reviewed By :Jagrut Upadhyay 12/14/2022
 Supervised By :mohammad ahmed 12/14/2022

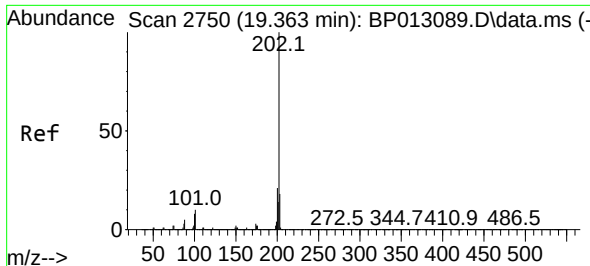


#74
 Di-n-butylphthalate
 Concen: 12.118 ng
 RT: 18.310 min Scan# 2571
 Delta R.T. 0.006 min
 Lab File: BP013099.D
 Acq: 13 Dec 2022 16:04



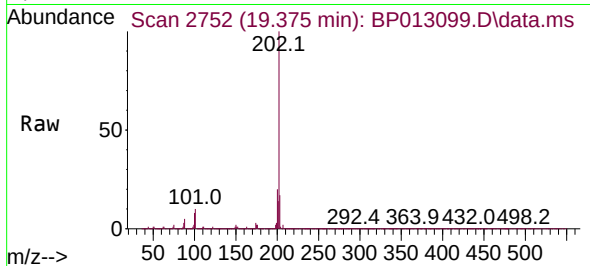
Tgt Ion:149 Resp: 1760119
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 5.0 3.8 5.6





#75
Fluoranthene
Concen: 12.256 ng
RT: 19.375 min Scan# 2116689
Delta R.T. 0.012 min
Lab File: BP013099.D
Acq: 13 Dec 2022 16:04

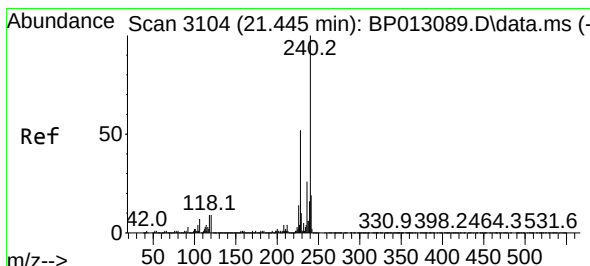
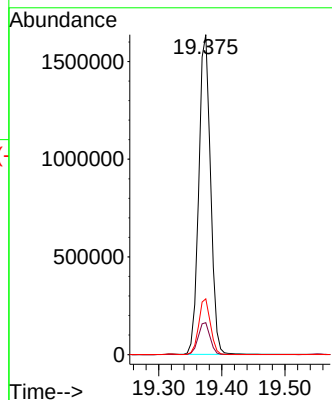
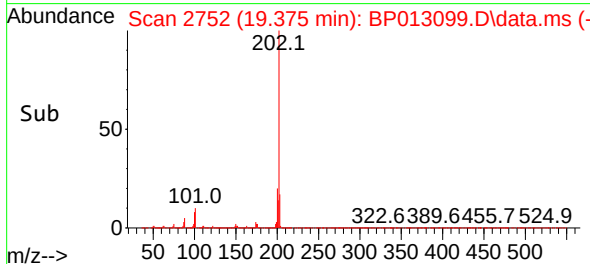
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:202 Resp: 2116689
Ion Ratio Lower Upper
202 100
101 10.0 0.0 30.0
203 17.4 0.0 37.6

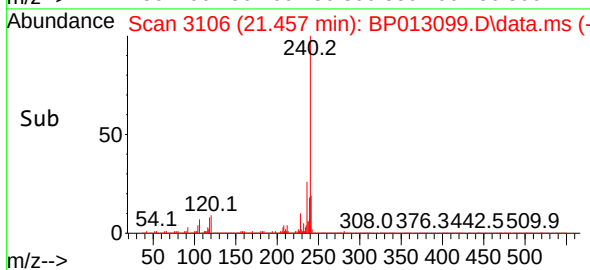
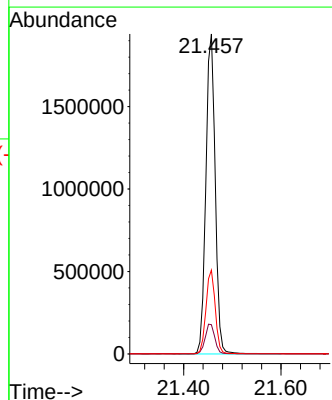
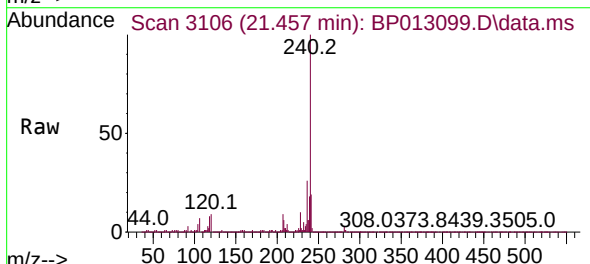
Manual Integrations
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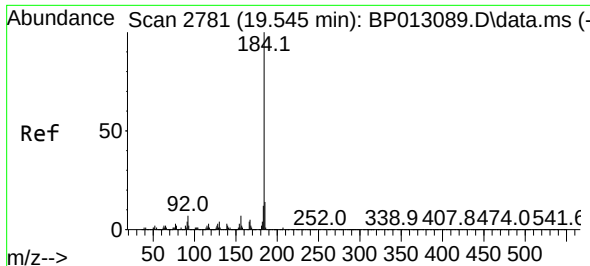
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.457 min Scan# 3106
Delta R.T. 0.012 min
Lab File: BP013099.D
Acq: 13 Dec 2022 16:04

Tgt Ion:240 Resp: 2584995
Ion Ratio Lower Upper
240 100
120 9.1 7.4 11.2
236 26.2 21.0 31.4





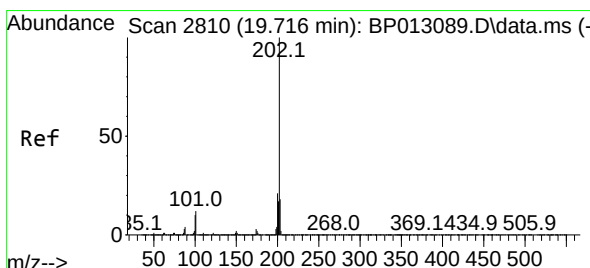
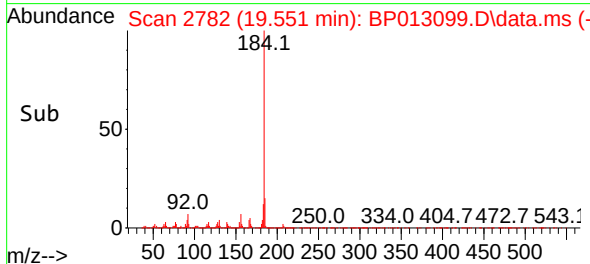
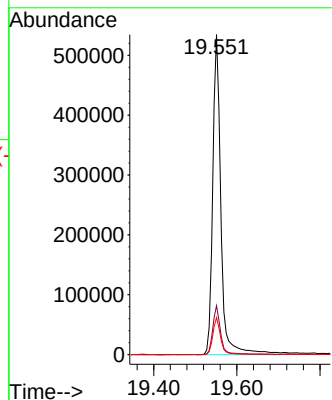
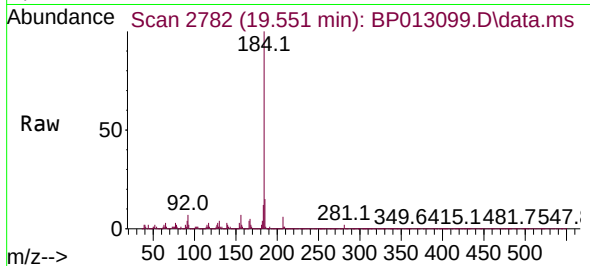
#77
Benzidine
Concen: 19.835 ng
RT: 19.551 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP013099.D
Acq: 13 Dec 2022 16:04

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2022

Tgt Ion:184 Resp: 728292
Ion Ratio Lower Upper
184 100
185 15.3 11.6 17.4
183 11.6 9.4 14.0

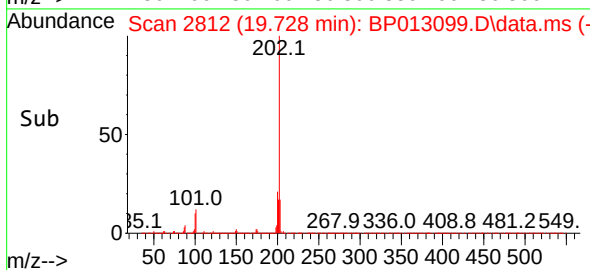
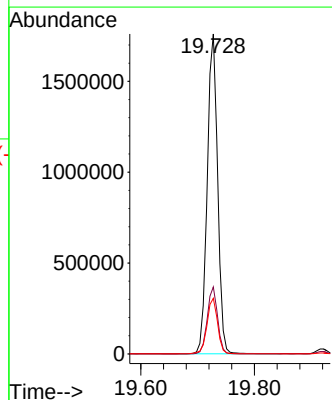
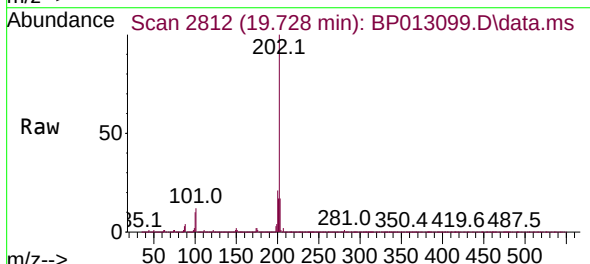
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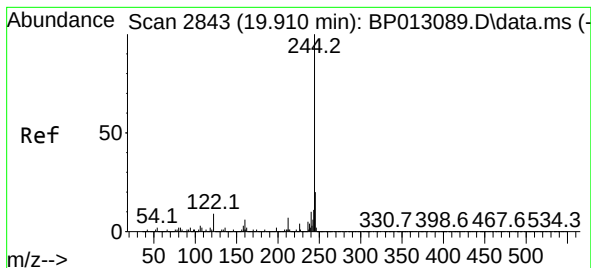
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#78
Pyrene
Concen: 12.034 ng
RT: 19.728 min Scan# 2812
Delta R.T. 0.012 min
Lab File: BP013099.D
Acq: 13 Dec 2022 16:04

Tgt Ion:202 Resp: 2235304
Ion Ratio Lower Upper
202 100
200 20.9 17.0 25.4
203 17.4 14.2 21.2





#79

Terphenyl-d14

Concen: 81.875 ng

RT: 19.922 min Scan# 2843

Delta R.T. 0.012 min

Lab File: BP013099.D

Acq: 13 Dec 2022 16:04

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT4-2022

Tgt Ion:244 Resp:1072786

Ion Ratio Lower Upper

244 100

212 7.1 5.5 8.3

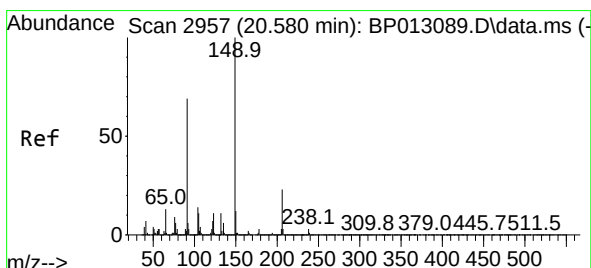
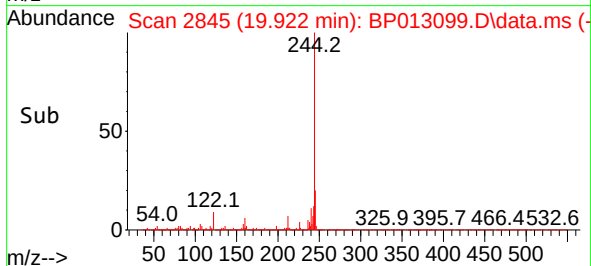
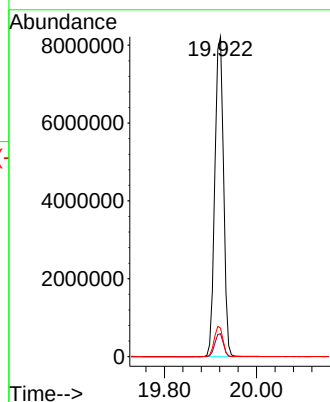
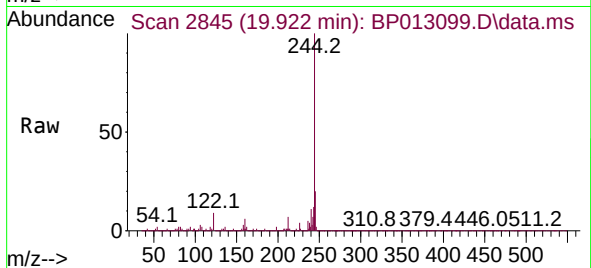
122 8.9 7.2 10.8

Manual Integrations

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Reviewed By :Jagrut Upadhyay 12/14/2022

Supervised By :mohammad ahmed 12/14/2022



#80

Butylbenzylphthalate

Concen: 11.267 ng

RT: 20.592 min Scan# 2959

Delta R.T. 0.012 min

Lab File: BP013099.D

Acq: 13 Dec 2022 16:04

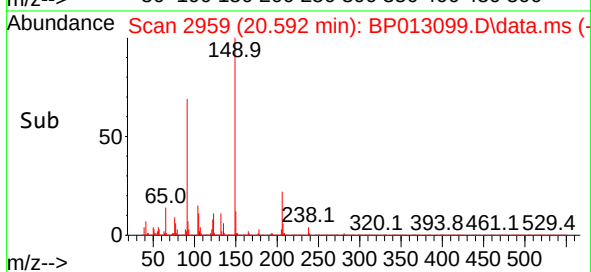
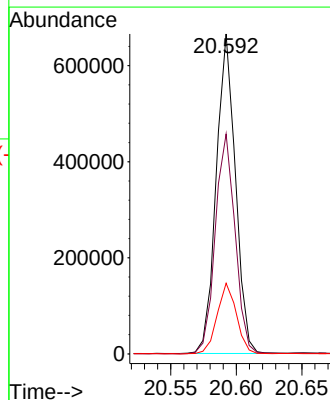
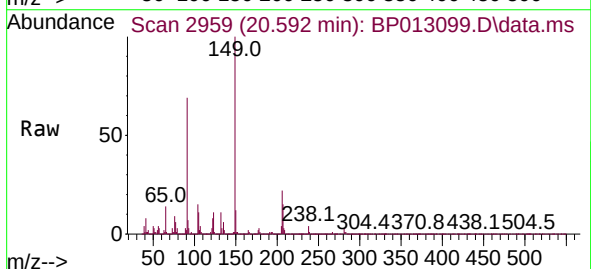
Tgt Ion:149 Resp: 678494

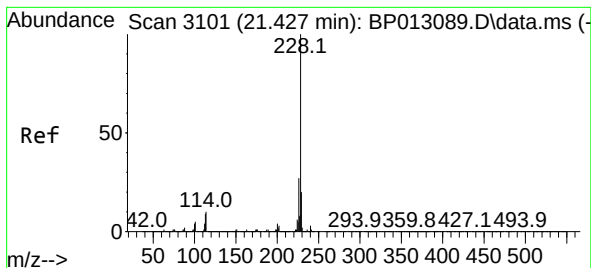
Ion Ratio Lower Upper

149 100

91 68.7 55.2 82.8

206 22.1 18.3 27.5





#81

Benzo(a)anthracene

Concen: 12.024 ng

RT: 21.439 min Scan# 3101

Delta R.T. 0.012 min

Lab File: BP013099.D

Acq: 13 Dec 2022 16:04

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT4-2022

Tgt Ion:228 Resp: 2124463

Ion Ratio Lower Upper

228 100

226 27.2 22.0 33.0

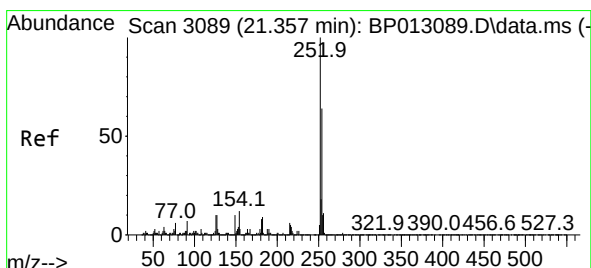
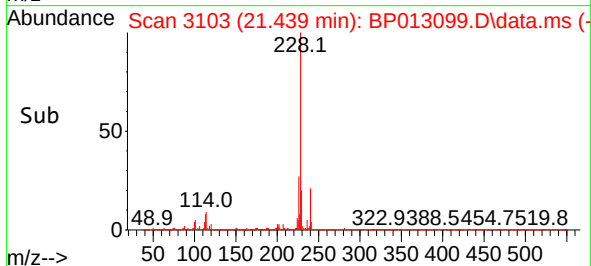
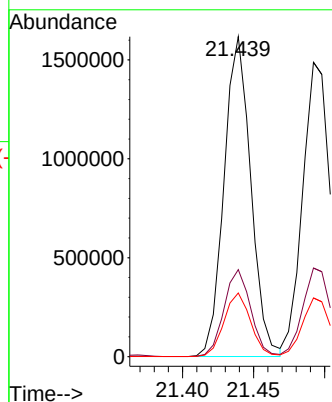
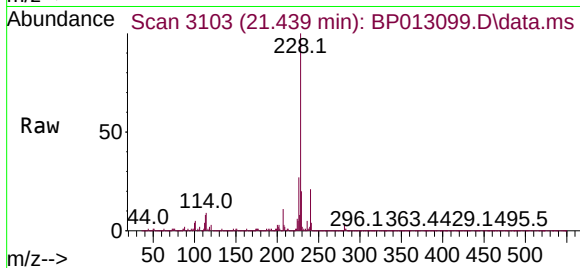
229 19.9 16.2 24.4

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Reviewed By :Jagrut Upadhyay 12/14/2022

Supervised By :mohammad ahmed 12/14/2022



#82

3,3'-Dichlorobenzidine

Concen: 11.293 ng

RT: 21.369 min Scan# 3091

Delta R.T. 0.012 min

Lab File: BP013099.D

Acq: 13 Dec 2022 16:04

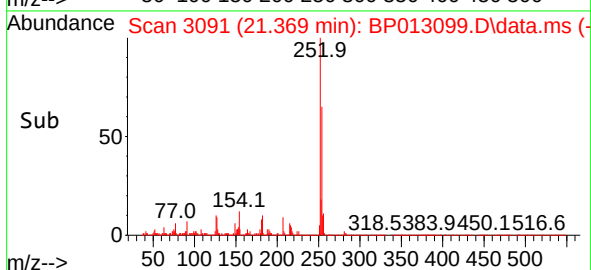
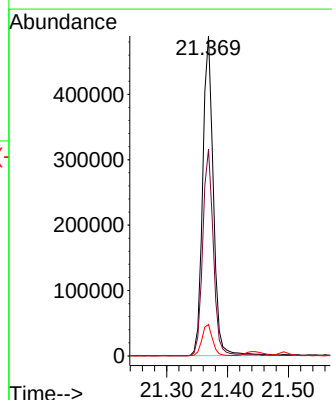
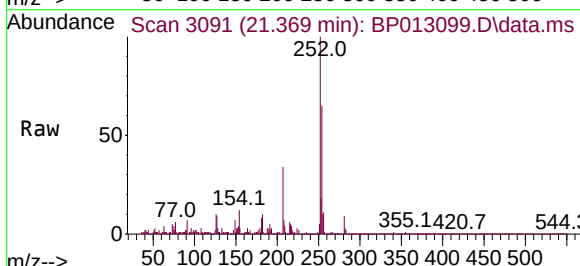
Tgt Ion:252 Resp: 594190

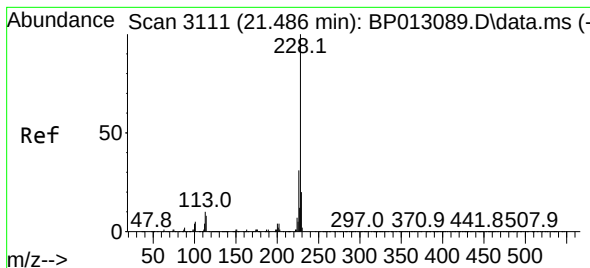
Ion Ratio Lower Upper

252 100

254 64.6 51.0 76.4

126 9.8 7.8 11.8





#83

Chrysene

Concen: 11.770 ng

RT: 21.492 min Scan# 3111

Delta R.T. 0.006 min

Lab File: BP013099.D

Acq: 13 Dec 2022 16:04

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT4-2022

Tgt Ion:228 Resp: 2028635

Ion Ratio Lower Upper

228 100

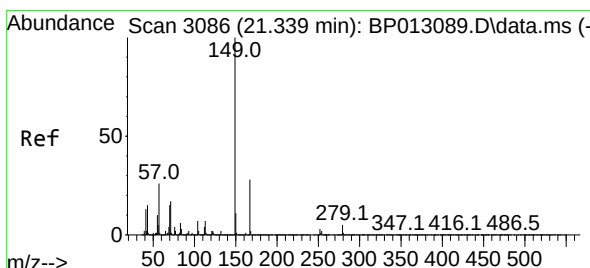
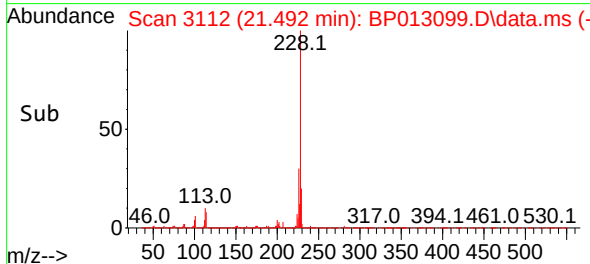
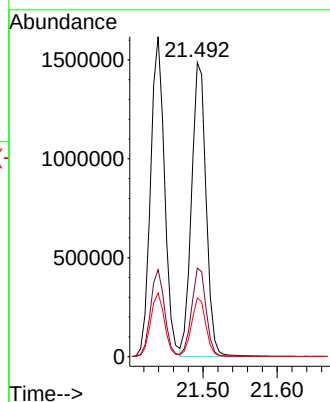
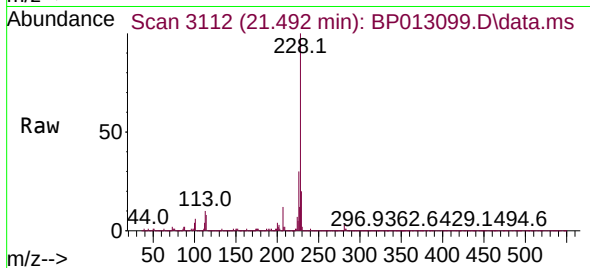
226 30.1 24.3 36.5

229 19.9 16.0 24.0

Manual Integrations

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Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 11.357 ng

RT: 21.351 min Scan# 3088

Delta R.T. 0.012 min

Lab File: BP013099.D

Acq: 13 Dec 2022 16:04

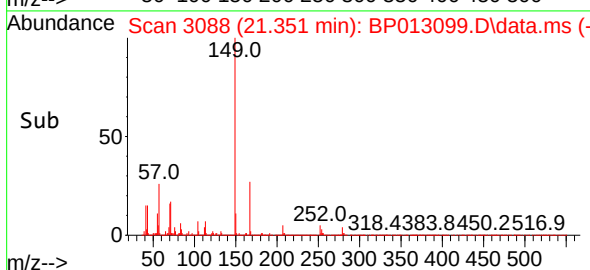
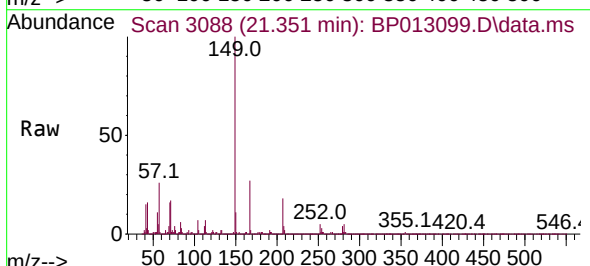
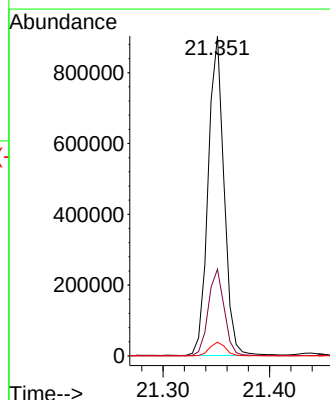
Tgt Ion:149 Resp: 930298

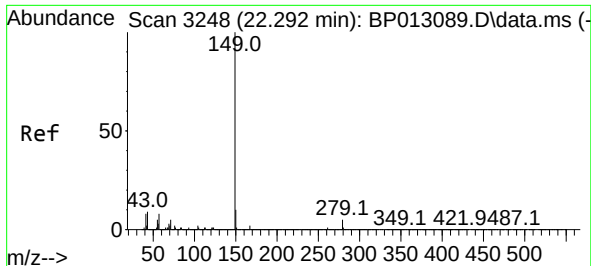
Ion Ratio Lower Upper

149 100

167 27.1 22.6 34.0

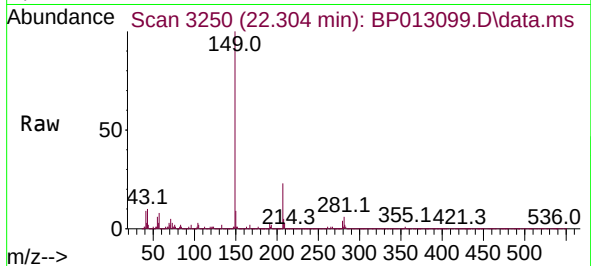
279 4.3 3.8 5.6





#85
Di-n-octyl phthalate
Concen: 9.752 ng
RT: 22.304 min Scan# 31
Delta R.T. 0.012 min
Lab File: BP013099.D
Acq: 13 Dec 2022 16:04

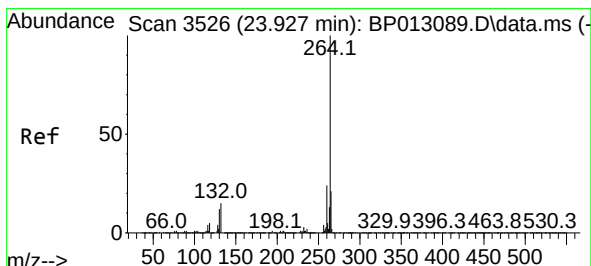
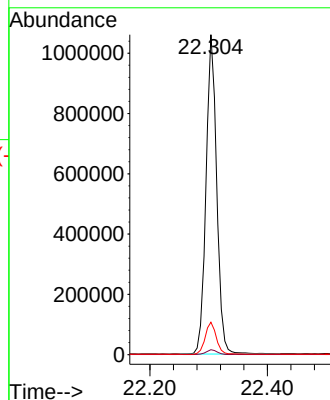
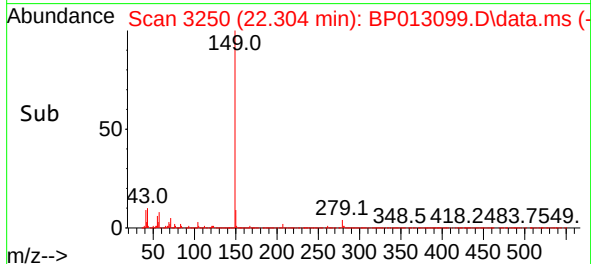
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:149 Resp: 1341479
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 10.6 7.8 11.8

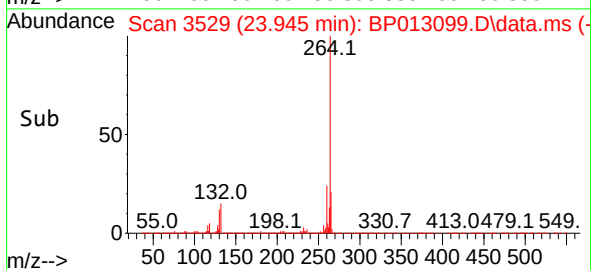
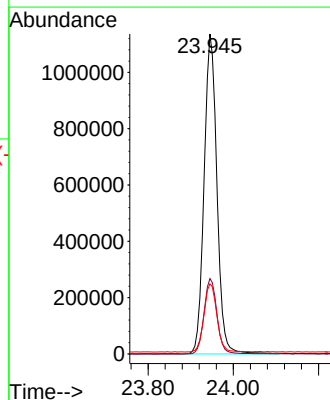
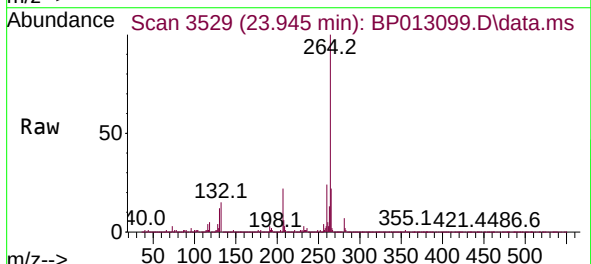
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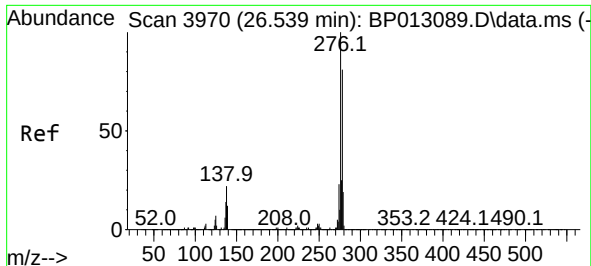
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.945 min Scan# 3529
Delta R.T. 0.018 min
Lab File: BP013099.D
Acq: 13 Dec 2022 16:04

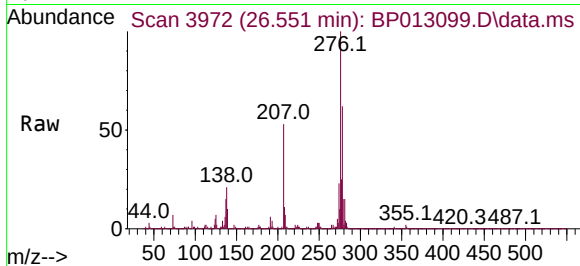
Tgt Ion:264 Resp: 2368885
Ion Ratio Lower Upper
264 100
260 23.6 19.1 28.7
265 21.9 17.7 26.5





#87
Indeno(1,2,3-cd)pyrene
Concen: 9.028 ng
RT: 26.551 min Scan# 3972
Delta R.T. 0.012 min
Lab File: BP013099.D
Acq: 13 Dec 2022 16:04

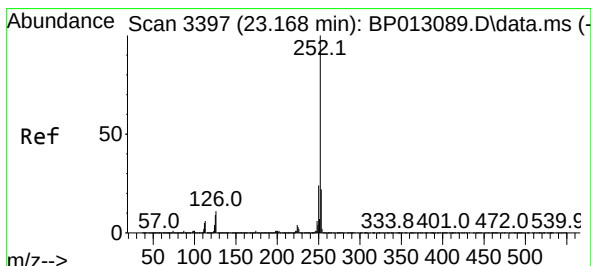
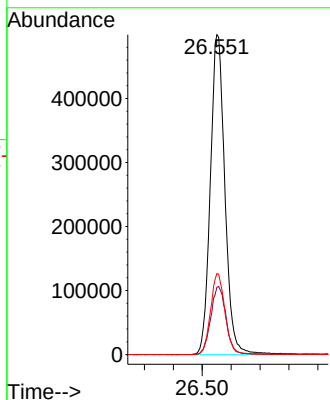
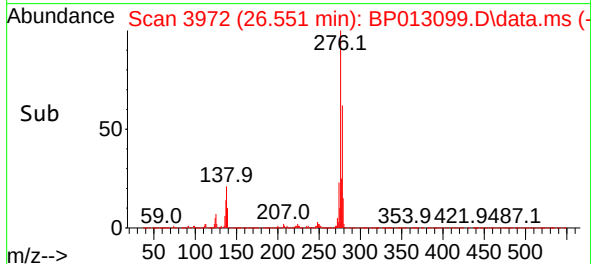
Instrument : BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2022



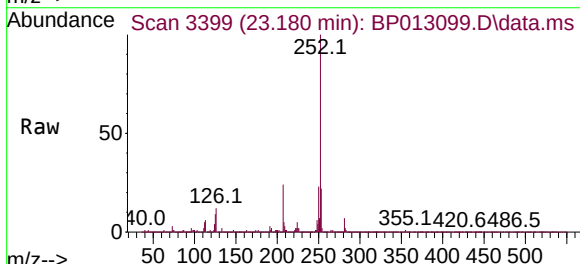
Tgt Ion: 276 Resp: 1747452
Ion Ratio Lower Upper
276 100
138 22.2 17.3 25.9
277 25.2 20.2 30.2

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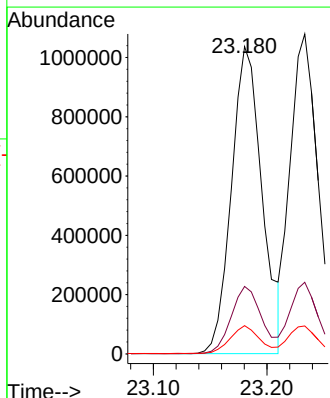
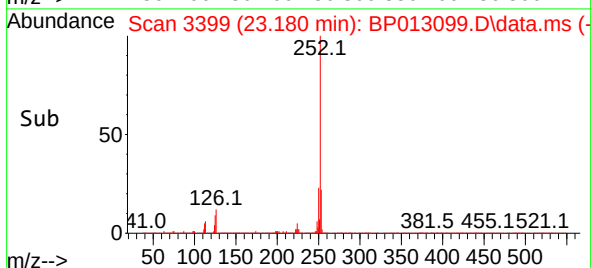
Reviewed By : Jagrut Upadhyay 12/14/2022
Supervised By : mohammad ahmed 12/14/2022

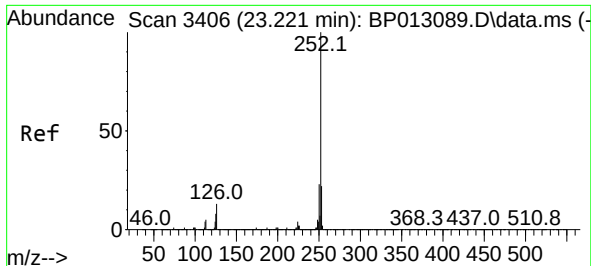


#88
Benzo(b)fluoranthene
Concen: 12.724 ng
RT: 23.180 min Scan# 3399
Delta R.T. 0.012 min
Lab File: BP013099.D
Acq: 13 Dec 2022 16:04



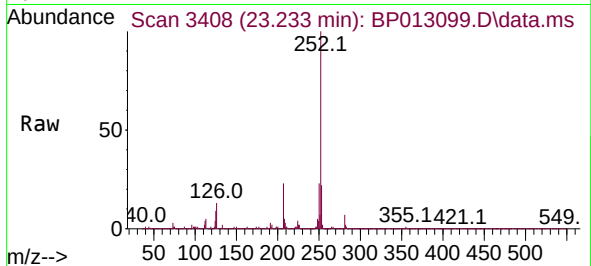
Tgt Ion: 252 Resp: 1940655
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.6
125 9.2 7.0 10.4





#89
Benzo(k)fluoranthene
Concen: 12.014 ng
RT: 23.233 min Scan# 3406
Delta R.T. 0.012 min
Lab File: BP013099.D
Acq: 13 Dec 2022 16:04

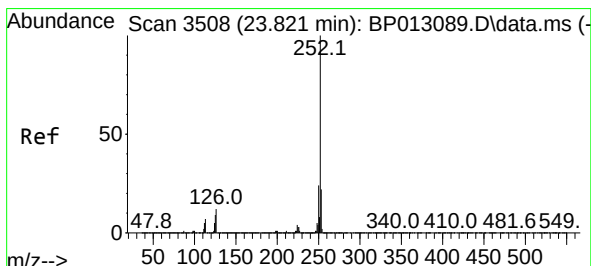
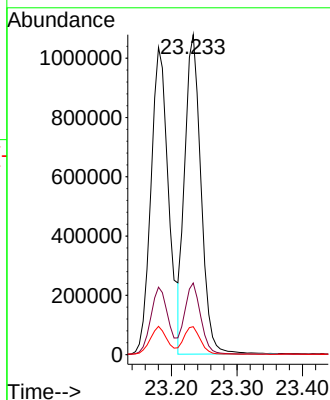
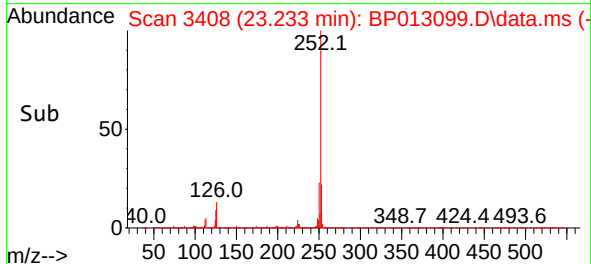
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2022



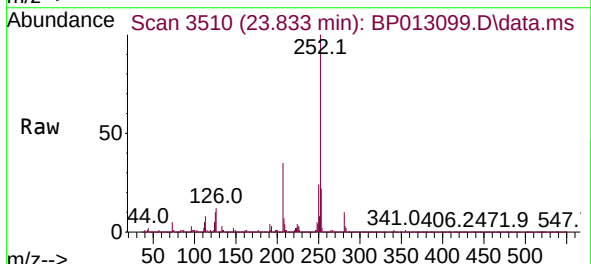
Tgt Ion:252 Resp: 1853736
Ion Ratio Lower Upper
252 100
253 22.4 17.6 26.4
125 8.7 6.7 10.1

Manual Integrations
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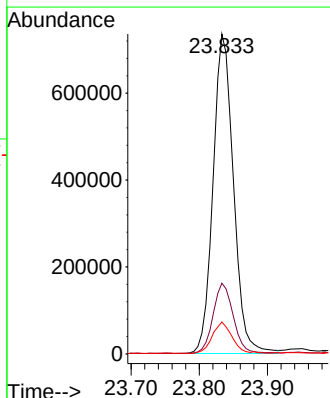
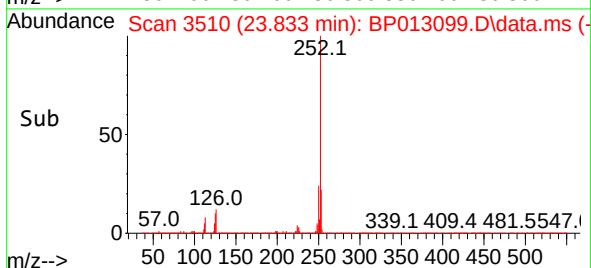
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022

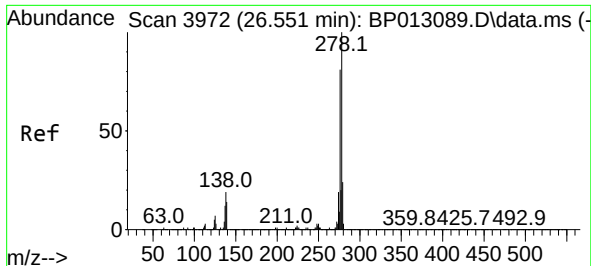


#90
Benzo(a)pyrene
Concen: 11.893 ng
RT: 23.833 min Scan# 3510
Delta R.T. 0.012 min
Lab File: BP013099.D
Acq: 13 Dec 2022 16:04



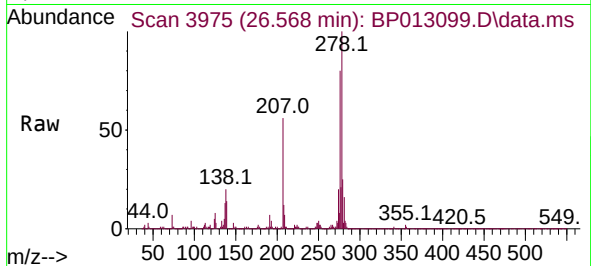
Tgt Ion:252 Resp: 1522293
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 10.0 7.4 11.2





#91
Dibenzo(a,h)anthracene
Concen: 9.476 ng
RT: 26.568 min Scan# 3972
Delta R.T. 0.018 min
Lab File: BP013099.D
Acq: 13 Dec 2022 16:04

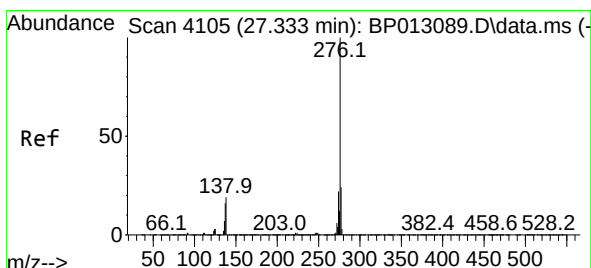
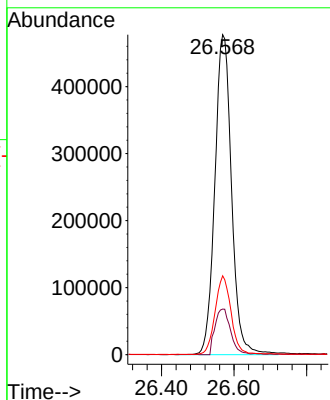
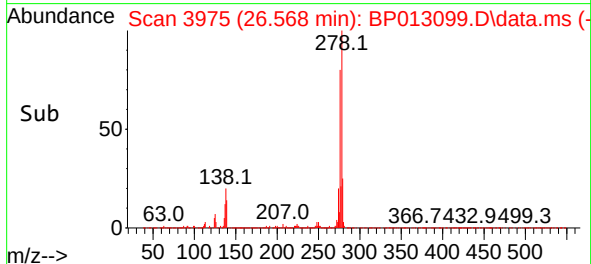
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:278 Resp: 1524354
Ion Ratio Lower Upper
278 100
139 14.2 11.0 16.6
279 24.6 19.1 28.7

Manual Integrations
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Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#92
Benzo(g,h,i)perylene
Concen: 9.257 ng
RT: 27.357 min Scan# 4109
Delta R.T. 0.024 min
Lab File: BP013099.D
Acq: 13 Dec 2022 16:04

Tgt Ion:276 Resp: 1475418
Ion Ratio Lower Upper
276 100
277 24.0 18.9 28.3
138 17.8 15.0 22.6

