

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121422\
 Data File : BP013108.D
 Acq On : 14 Dec 2022 16:35
 Operator : CG/JU
 Sample : N4955-09
 Misc : MDL-MDL-WATER-8ng
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Dec 15 04:05:49 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 15 04:03:43 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.957	152	459359	20.000	ng	0.00
21) Naphthalene-d8	10.775	136	1638015	20.000	ng	0.00
39) Acenaphthene-d10	14.598	164	930430	20.000	ng	0.00
64) Phenanthrene-d10	17.357	188	2012585	20.000	ng	0.00
76) Chrysene-d12	21.445	240	2066699	20.000	ng	0.00
86) Perylene-d12	23.927	264	2277222	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	2445736	97.281	ng	0.00
7) Phenol-d6	7.116	99	3039044	92.562	ng	0.00
23) Nitrobenzene-d5	9.128	82	1936789	64.822	ng	0.00
42) 2,4,6-Tribromophenol	16.092	330	1116796	99.553	ng	0.00
45) 2-Fluorobiphenyl	13.222	172	4491458	65.544	ng	0.00
79) Terphenyl-d14	19.904	244	6745908	64.397	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.375	88	84564	7.591	ng	99
3) Pyridine	3.799	79	191609	6.057	ng	96
4) n-Nitrosodimethylamine	3.699	42	96095	6.778	ng	# 94
6) Aniline	7.281	93	287428	7.229	ng	98
8) 2-Chlorophenol	7.516	128	200922	6.779	ng	99
9) Benzaldehyde	7.093	77	164632m	8.357	ng	
10) Phenol	7.140	94	247121	6.724	ng	97
11) bis(2-Chloroethyl)ether	7.381	93	198685	6.715	ng	98
12) 1,3-Dichlorobenzene	7.846	146	238996	6.931	ng	97
13) 1,4-Dichlorobenzene	7.993	146	241621	6.880	ng	99
14) 1,2-Dichlorobenzene	8.316	146	233262	6.998	ng	100
15) Benzyl Alcohol	8.198	79	143060	6.007	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.487	45	290213	6.772	ng	99
17) 2-Methylphenol	8.398	107	146914	6.048	ng	98
18) Hexachloroethane	9.046	117	78612	6.610	ng	95
19) n-Nitroso-di-n-propyla...	8.769	70	124890	5.857	ng	95
20) 3+4-Methylphenols	8.728	107	189344	5.733	ng	99
22) Acetophenone	8.787	105	277997	6.820	ng	# 98
24) Nitrobenzene	9.169	77	217663	6.990	ng	99
25) Isophorone	9.698	82	313987	6.187	ng	100
26) 2-Nitrophenol	9.881	139	73281	5.141	ng	94
27) 2,4-Dimethylphenol	9.940	122	149334	6.955	ng	98
28) bis(2-Chloroethoxy)met...	10.175	93	229791	7.062	ng	98
29) 2,4-Dichlorophenol	10.416	162	157016	5.925	ng	97
30) 1,2,4-Trichlorobenzene	10.634	180	210499	6.730	ng	98
31) Naphthalene	10.822	128	591901	6.599	ng	99
32) Benzoic acid	10.004	122	62610m	3.696	ng	
33) 4-Chloroaniline	10.934	127	213220	6.374	ng	98
34) Hexachlorobutadiene	11.104	225	128798	6.455	ng	98
35) Caprolactam	11.716	113	34616	5.059	ng	90
36) 4-Chloro-3-methylphenol	12.051	107	145745	5.888	ng	99
37) 2-Methylnaphthalene	12.428	142	384121	6.368	ng	98
38) 1-Methylnaphthalene	12.645	142	366114	6.233	ng	99
40) 1,2,4,5-Tetrachloroben...	12.792	216	225420	6.791	ng	99
41) Hexachlorocyclopentadiene	12.775	237	106277	6.350	ng	99
43) 2,4,6-Trichlorophenol	13.034	196	117931	5.634	ng	99

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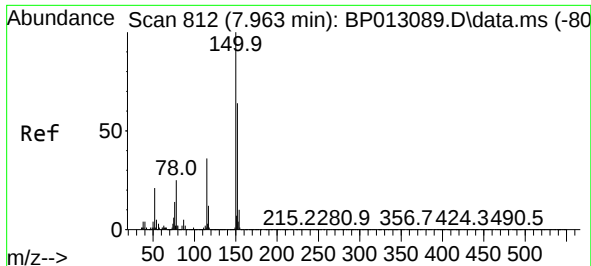
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.104	196	131864	5.831	ng	97
46) 1,1'-Biphenyl	13.434	154	510911	6.945	ng	99
47) 2-Chloronaphthalene	13.475	162	394543	6.748	ng	99
48) 2-Nitroaniline	13.681	65	74119	5.124	ng	95
49) Acenaphthylene	14.322	152	541608	6.297	ng	98
50) Dimethylphthalate	14.051	163	444606	6.533	ng	99
51) 2,6-Dinitrotoluene	14.175	165	76138	5.467	ng	91
52) Acenaphthene	14.663	154	354772	6.635	ng	98
53) 3-Nitroaniline	14.504	138	72495	5.105	ng	# 97
54) 2,4-Dinitrophenol	14.710	184	31149	3.754	ng	92
55) Dibenzofuran	14.998	168	588256	6.875	ng	100
56) 4-Nitrophenol	14.804	139	58387	5.017	ng	86
57) 2,4-Dinitrotoluene	14.963	165	90442	5.195	ng	91
58) Fluorene	15.651	166	448674	6.774	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.222	232	115169	5.958	ng	99
60) Diethylphthalate	15.416	149	405322	6.478	ng	100
61) 4-Chlorophenyl-phenyle...	15.639	204	233381	6.809	ng	96
62) 4-Nitroaniline	15.669	138	67884m	5.122	ng	
63) Azobenzene	15.933	77	365929	6.294	ng	96
65) 4,6-Dinitro-2-methylph...	15.728	198	46706	3.612	ng	88
66) n-Nitrosodiphenylamine	15.857	169	371383	5.910	ng	98
67) 4-Bromophenyl-phenylether	16.539	248	136171	5.722	ng	98
68) Hexachlorobenzene	16.657	284	169848	6.095	ng	97
69) Atrazine	16.804	200	120304	6.824	ng	97
70) Pentachlorophenol	17.004	266	79696	4.857	ng	99
71) Phenanthrene	17.398	178	729078	6.366	ng	99
72) Anthracene	17.492	178	671117	6.242	ng	100
73) Carbazole	17.757	167	603529	6.403	ng	100
74) Di-n-butylphthalate	18.304	149	572246	5.520	ng	99
75) Fluoranthene	19.363	202	804916	6.530	ng	99
77) Benzidine	19.539	184	294067	10.017	ng	99
78) Pyrene	19.716	202	859558	5.788	ng	100
80) Butylbenzylphthalate	20.580	149	236827	4.919	ng	97
81) Benzo(a)anthracene	21.427	228	910464	6.445	ng	98
82) 3,3'-Dichlorobenzidine	21.357	252	285467	6.786	ng	98
83) Chrysene	21.480	228	882449	6.404	ng	99
84) Bis(2-ethylhexyl)phtha...	21.339	149	337019	5.146	ng	98
85) Di-n-octyl phthalate	22.292	149	539783	4.908	ng	96
87) Indeno(1,2,3-cd)pyrene	26.521	276	1032424	5.549	ng	99
88) Benzo(b)fluoranthene	23.162	252	898990	6.131	ng	98
89) Benzo(k)fluoranthene	23.209	252	917439	6.185	ng	99
90) Benzo(a)pyrene	23.815	252	764289	6.212	ng	99
91) Dibenzo(a,h)anthracene	26.539	278	901469	5.830	ng	99
92) Benzo(g,h,i)perylene	27.321	276	882021	5.757	ng	99

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



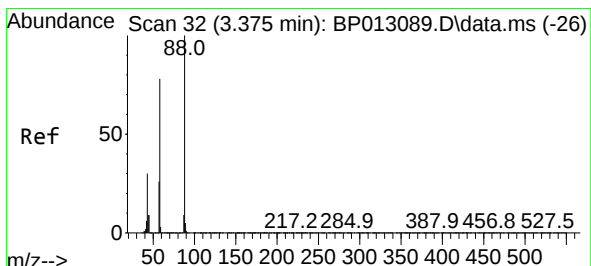
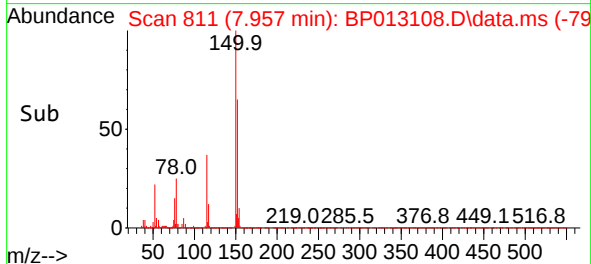
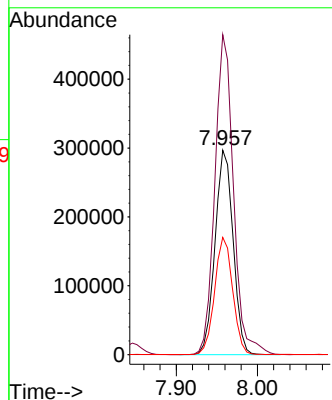
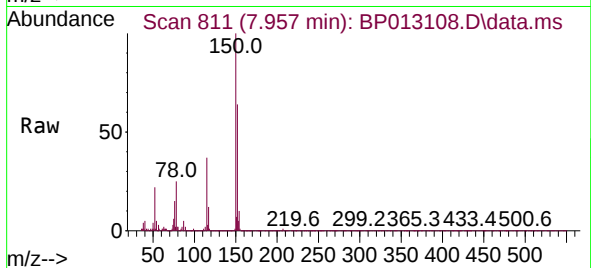
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.957 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP013108.D
Acq: 14 Dec 2022 16:35

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

Tgt Ion:152 Resp: 459359
Ion Ratio Lower Upper
152 100
150 156.5 125.3 187.9
115 57.3 45.6 68.4

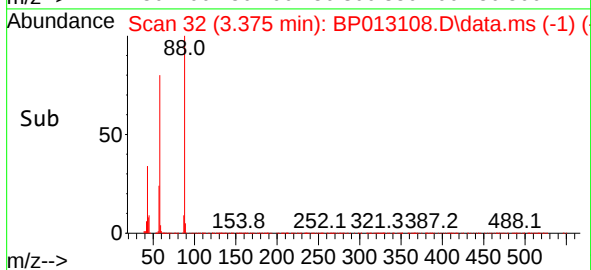
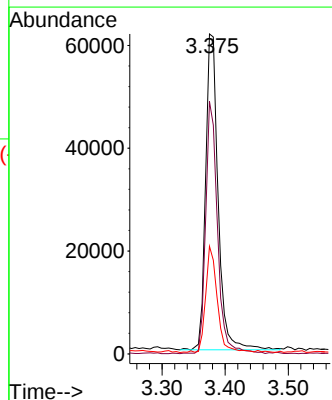
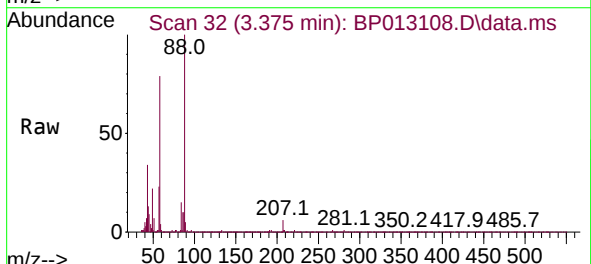
Manual Integrations
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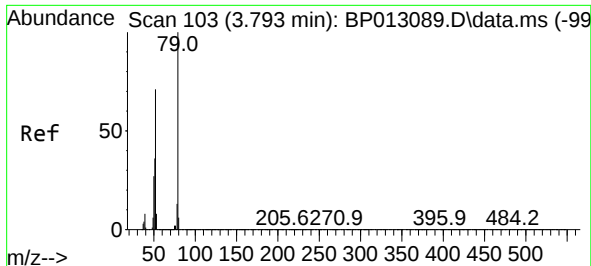
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#2
1,4-Dioxane
Concen: 7.591 ng
RT: 3.375 min Scan# 32
Delta R.T. -0.000 min
Lab File: BP013108.D
Acq: 14 Dec 2022 16:35

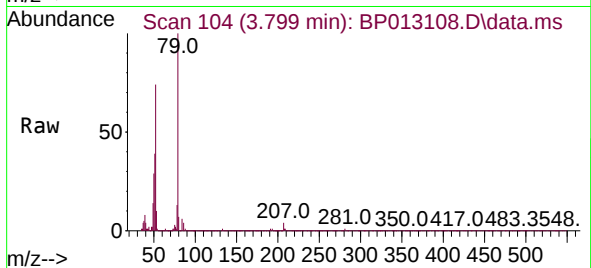
Tgt Ion: 88 Resp: 84564
Ion Ratio Lower Upper
88 100
58 75.2 60.1 90.1
43 31.5 23.5 35.3





#3
Pyridine
Concen: 6.057 ng
RT: 3.799 min Scan# 103
Delta R.T. 0.006 min
Lab File: BP013108.D
Acq: 14 Dec 2022 16:35

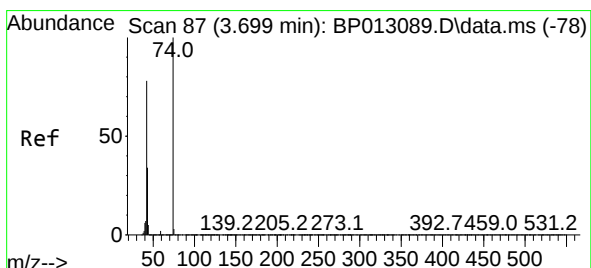
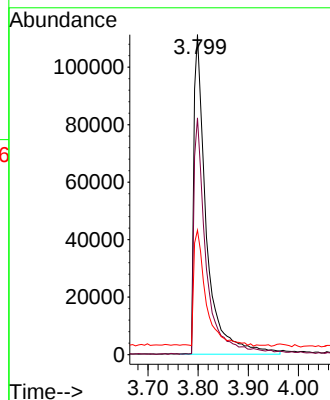
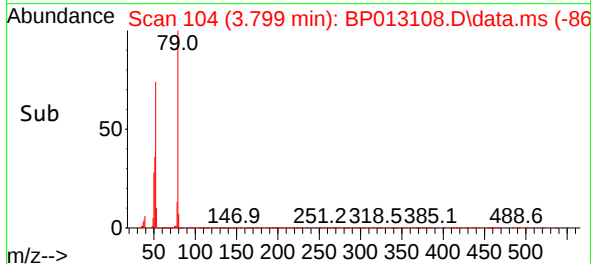
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2022



Tgt Ion: 79 Resp: 191609
Ion Ratio Lower Upper
79 100
52 74.0 57.0 85.4
51 38.9 29.1 43.7

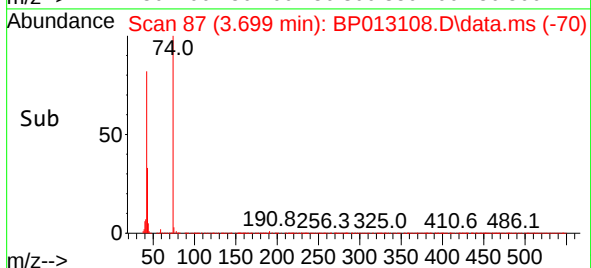
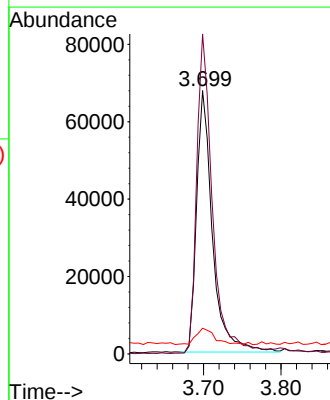
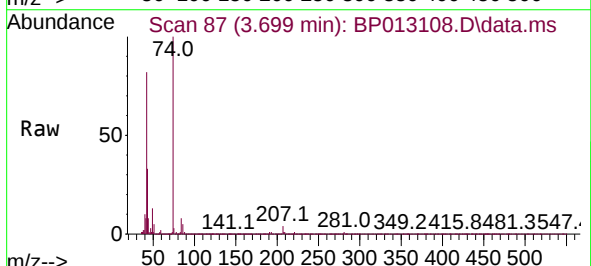
Manual Integrations
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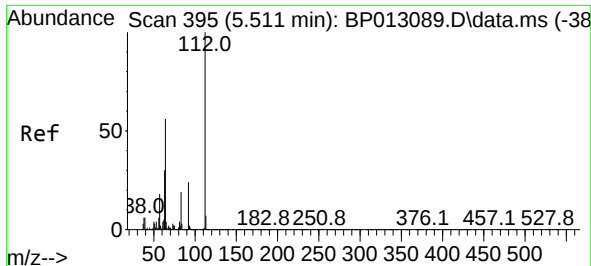
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#4
n-Nitrosodimethylamine
Concen: 6.778 ng
RT: 3.699 min Scan# 87
Delta R.T. -0.000 min
Lab File: BP013108.D
Acq: 14 Dec 2022 16:35

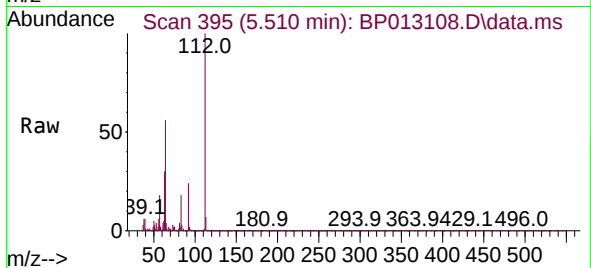
Tgt Ion: 42 Resp: 96095
Ion Ratio Lower Upper
42 100
74 121.5 102.7 154.1
44 9.7 5.6 8.4





#5
2-Fluorophenol
Concen: 97.281 ng
RT: 5.510 min Scan# 395
Delta R.T. -0.000 min
Lab File: BP013108.D
Acq: 14 Dec 2022 16:35

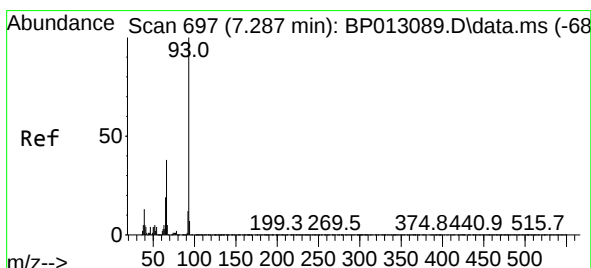
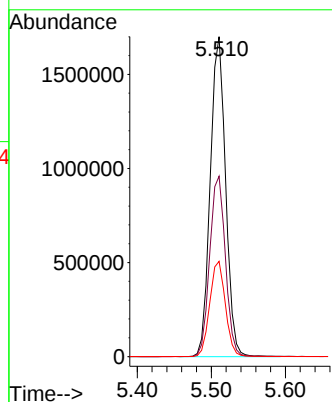
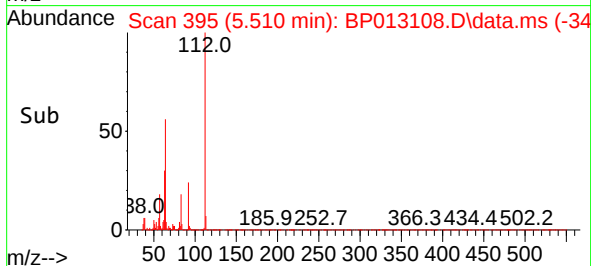
Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT4-2022



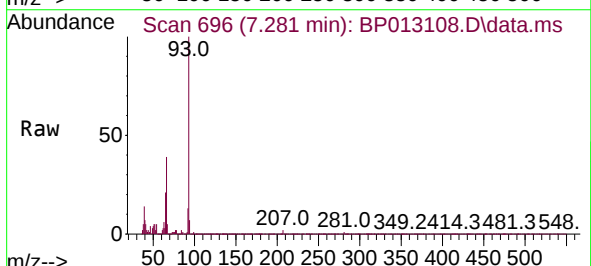
Tgt Ion: 112 Resp: 2445736
Ion Ratio Lower Upper
112 100
64 56.4 45.1 67.7
63 29.8 23.8 35.6

Manual Integrations
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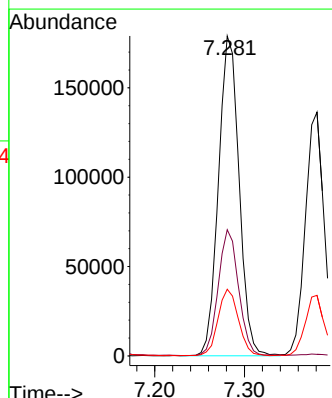
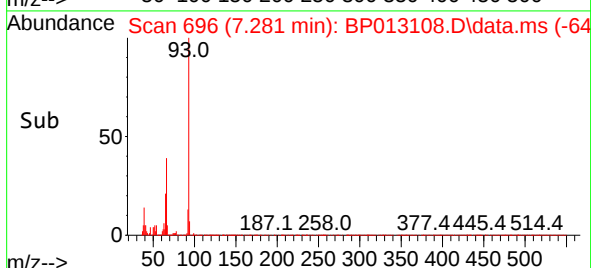
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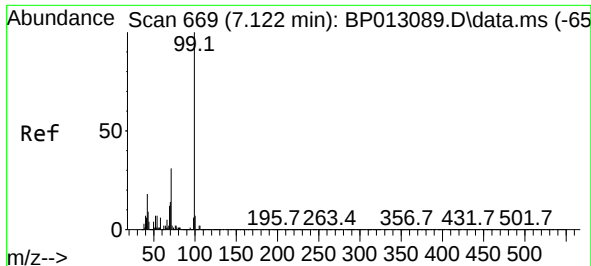


#6
Aniline
Concen: 7.229 ng
RT: 7.281 min Scan# 696
Delta R.T. -0.006 min
Lab File: BP013108.D
Acq: 14 Dec 2022 16:35



Tgt Ion: 93 Resp: 287428
Ion Ratio Lower Upper
93 100
66 39.4 30.6 45.8
65 20.8 15.5 23.3





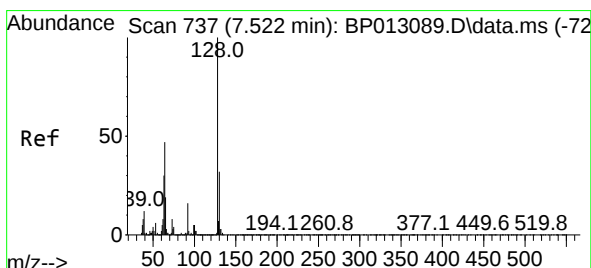
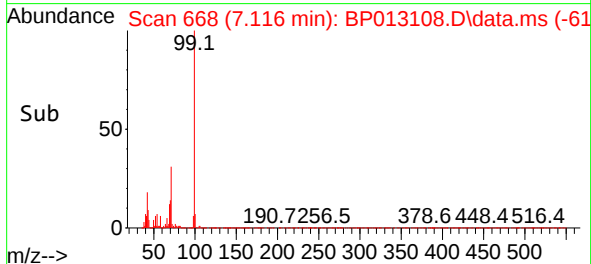
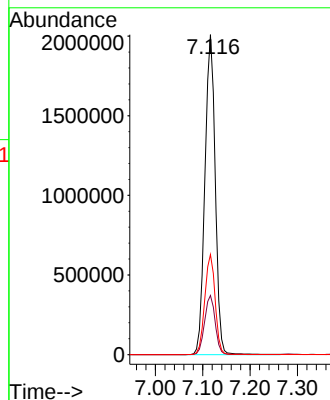
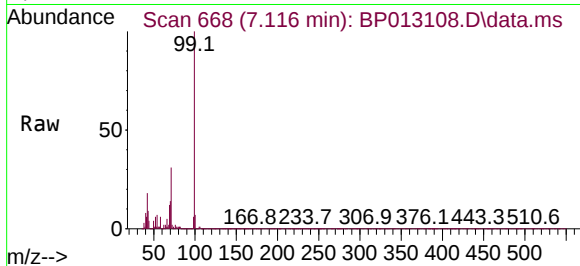
#7
Phenol-d6
Concen: 92.562 ng
RT: 7.116 min Scan# 60
Delta R.T. -0.006 min
Lab File: BP013108.D
Acq: 14 Dec 2022 16:35

Instrument :
BNA_P
ClientSampleId :
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Tgt Ion: 99 Resp: 3039044
Ion Ratio Lower Upper
99 100
42 18.5 14.2 21.4
71 31.3 24.7 37.1

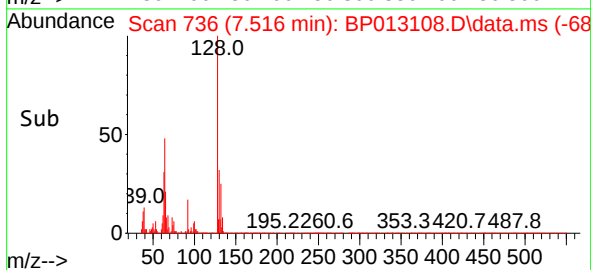
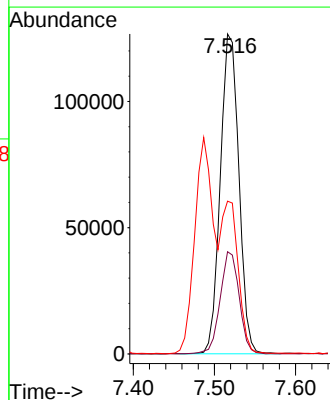
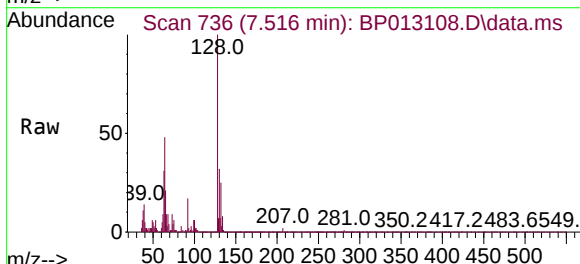
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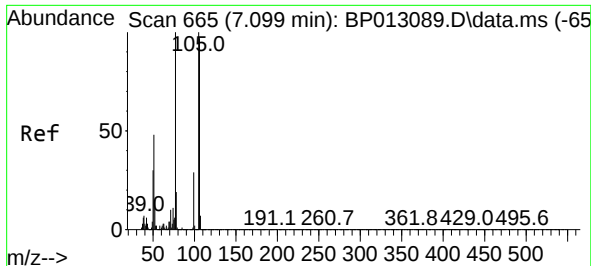
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#8
2-Chlorophenol
Concen: 6.779 ng
RT: 7.516 min Scan# 736
Delta R.T. -0.006 min
Lab File: BP013108.D
Acq: 14 Dec 2022 16:35

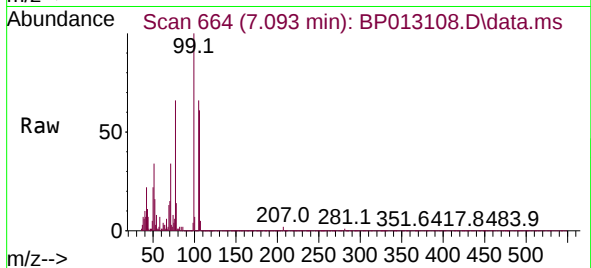
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Ion Ratio Lower Upper
128 100
130 31.9 11.9 51.9
64 47.7 26.7 66.7





#9
Benzaldehyde
Concen: 8.357 ng m
RT: 7.093 min Scan# 60
Delta R.T. -0.006 min
Lab File: BP013108.D
Acq: 14 Dec 2022 16:35

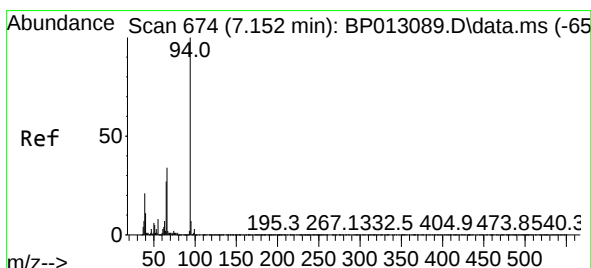
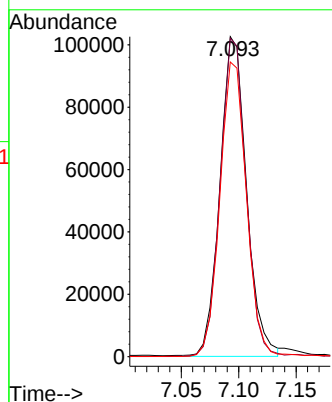
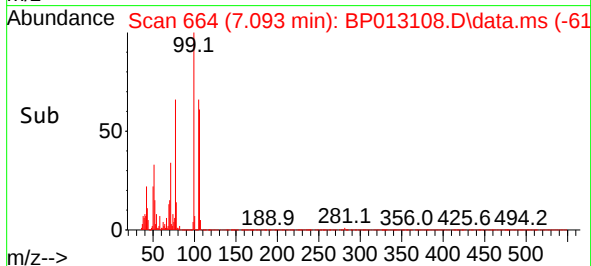
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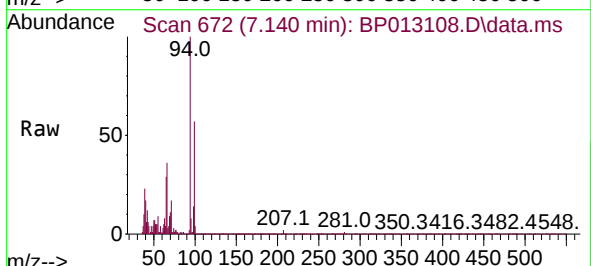
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Ion Ratio Lower Upper
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106 92.1 76.6 116.6

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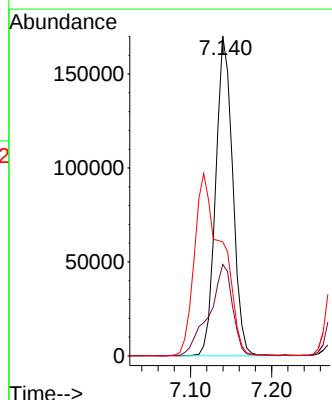
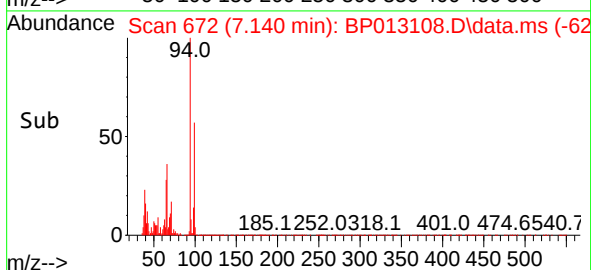
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022

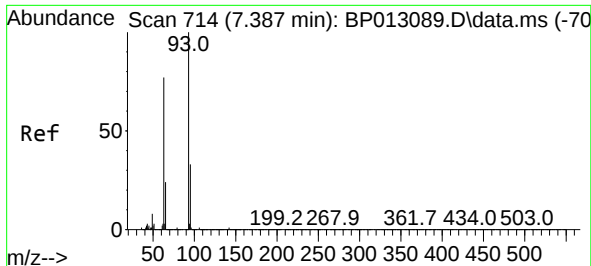


#10
Phenol
Concen: 6.724 ng
RT: 7.140 min Scan# 672
Delta R.T. -0.012 min
Lab File: BP013108.D
Acq: 14 Dec 2022 16:35



Tgt Ion: 94 Resp: 247121
Ion Ratio Lower Upper
94 100
65 28.6 7.2 47.2
66 35.6 13.7 53.7





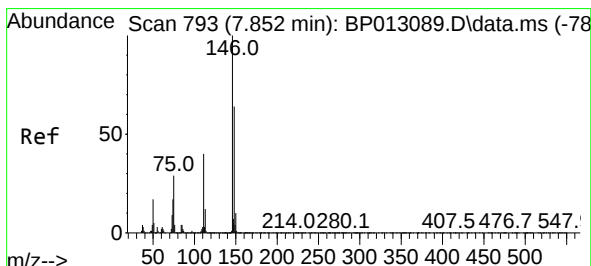
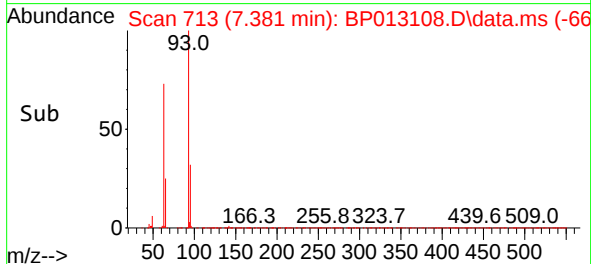
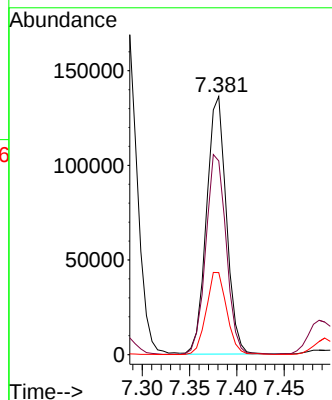
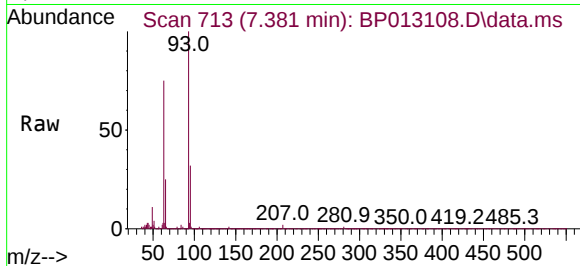
#11
bis(2-Chloroethyl)ether
Concen: 6.715 ng
RT: 7.381 min Scan# 714
Delta R.T. -0.006 min
Lab File: BP013108.D
Acq: 14 Dec 2022 16:35

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

Tgt Ion: 93 Resp: 198685
Ion Ratio Lower Upper
93 100
63 75.0 56.3 96.3
95 31.8 13.0 53.0

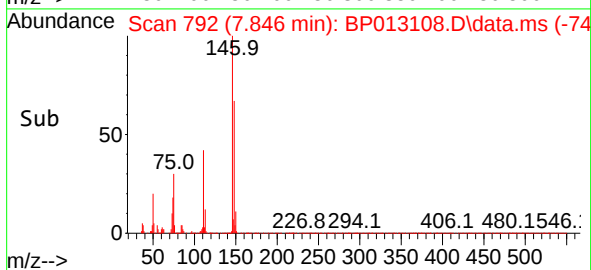
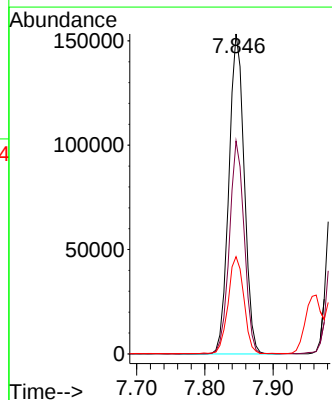
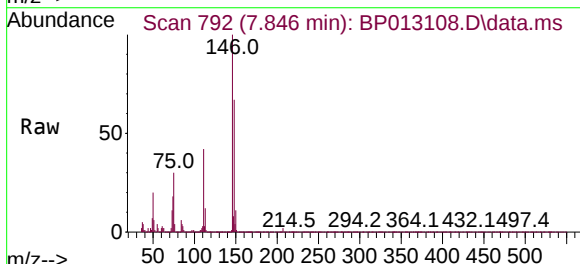
Manual Integrations
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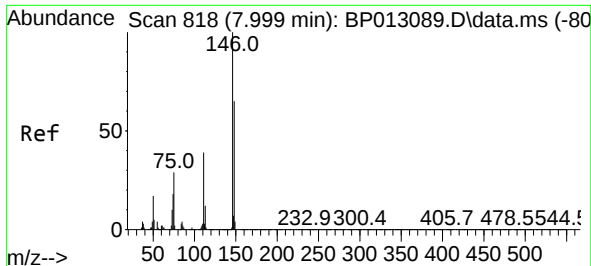
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#12
1,3-Dichlorobenzene
Concen: 6.931 ng
RT: 7.846 min Scan# 792
Delta R.T. -0.006 min
Lab File: BP013108.D
Acq: 14 Dec 2022 16:35

Tgt Ion:146 Resp: 238996
Ion Ratio Lower Upper
146 100
148 66.5 51.5 77.3
75 30.4 23.0 34.4





#13

1,4-Dichlorobenzene

Concen: 6.880 ng

RT: 7.993 min Scan# 81

Delta R.T. -0.006 min

Lab File: BP013108.D

Acq: 14 Dec 2022 16:35

Instrument :

BNA_P

ClientSampleId :

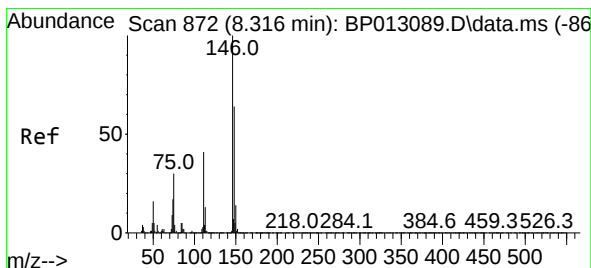
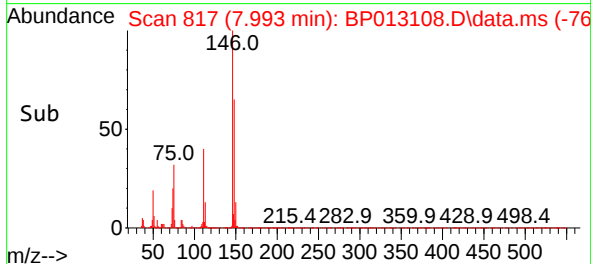
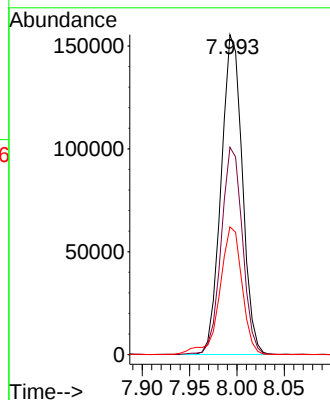
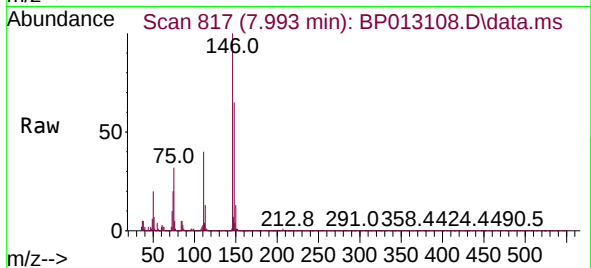
MDL-WATER-03-QT4-2022

Tgt Ion:	146	Resp:	24162
Ion Ratio	Lower	Upper	
146	100		
148	64.8	51.9	77.9
111	39.9	31.3	46.9

Manual Integrations

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



#14

1,2-Dichlorobenzene

Concen: 6.998 ng

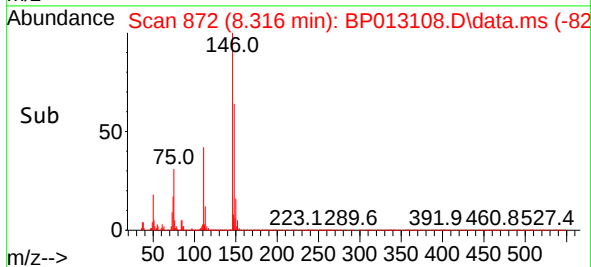
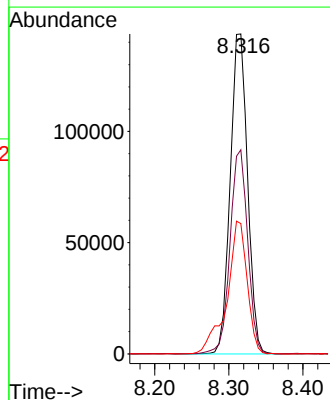
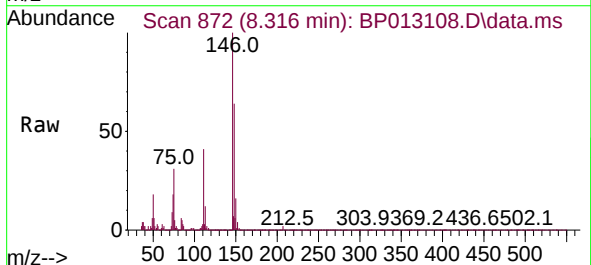
RT: 8.316 min Scan# 872

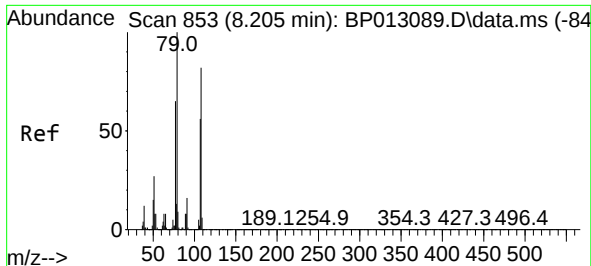
Delta R.T. -0.000 min

Lab File: BP013108.D

Acq: 14 Dec 2022 16:35

Tgt Ion:	146	Resp:	233262
Ion Ratio	Lower	Upper	
146	100		
148	63.8	51.0	76.6
111	40.7	32.6	49.0





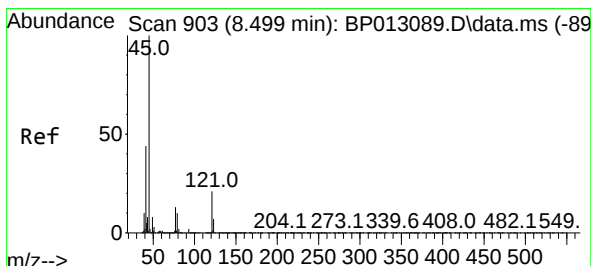
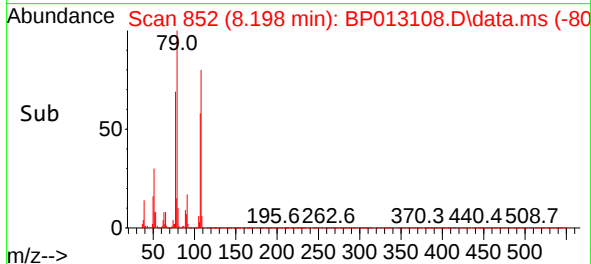
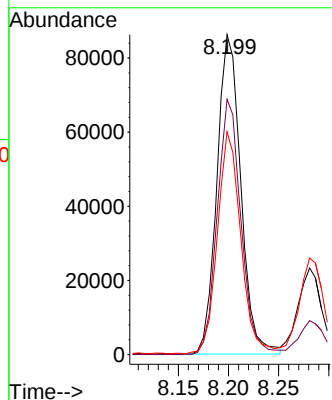
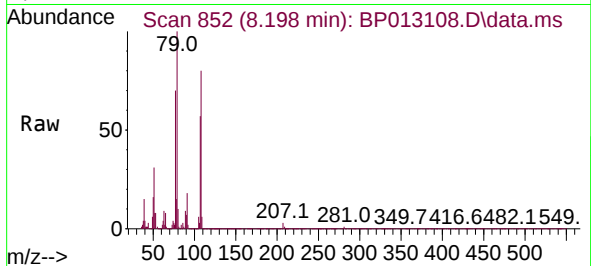
#15
Benzyl Alcohol
Concen: 6.007 ng
RT: 8.198 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP013108.D
Acq: 14 Dec 2022 16:35

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

Tgt Ion: 79 Resp: 143060
Ion Ratio Lower Upper
79 100
108 79.8 65.3 97.9
77 69.6 51.9 77.9

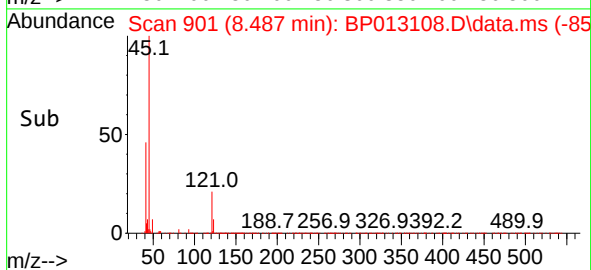
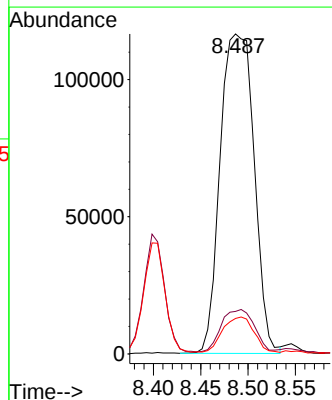
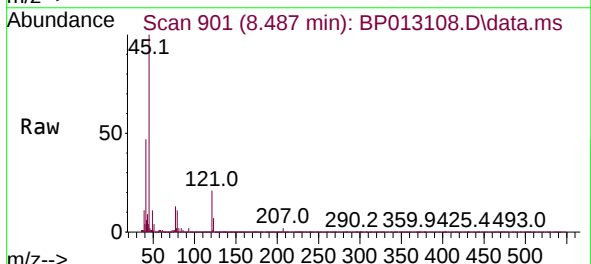
Manual Integrations
APPROVED

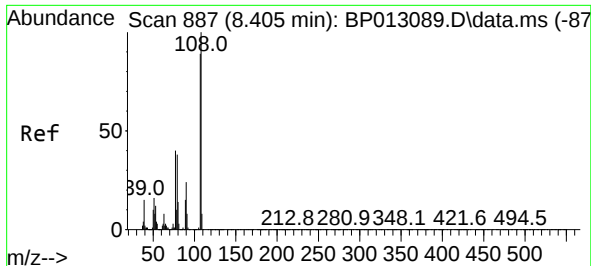
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 6.772 ng
RT: 8.487 min Scan# 901
Delta R.T. -0.012 min
Lab File: BP013108.D
Acq: 14 Dec 2022 16:35

Tgt Ion: 45 Resp: 290213
Ion Ratio Lower Upper
45 100
77 13.3 0.0 33.6
79 11.1 0.0 30.6





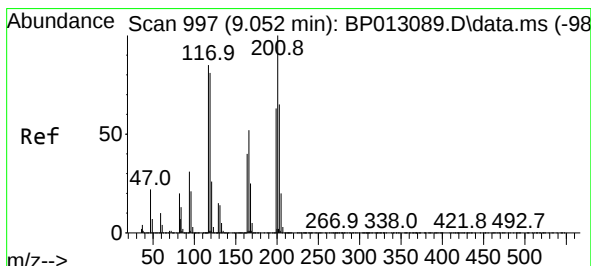
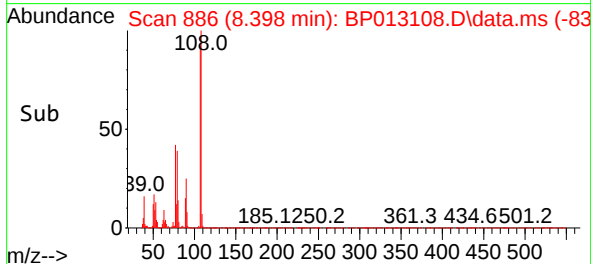
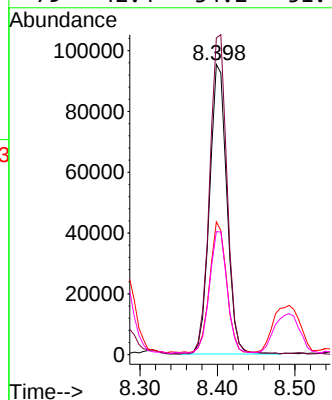
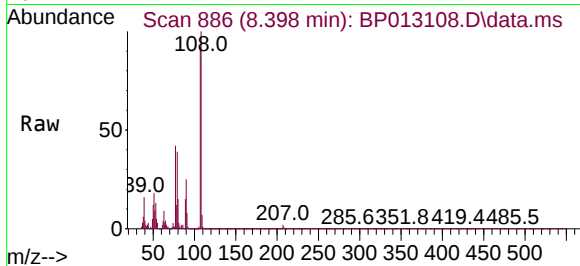
#17
2-Methylphenol
Concen: 6.048 ng
RT: 8.398 min Scan# 887
Delta R.T. -0.006 min
Lab File: BP013108.D
Acq: 14 Dec 2022 16:35

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

Tgt Ion:107 Resp: 146914
Ion Ratio Lower Upper
107 100
108 109.1 89.6 134.4
77 45.8 35.5 53.3
79 42.4 34.2 51.4

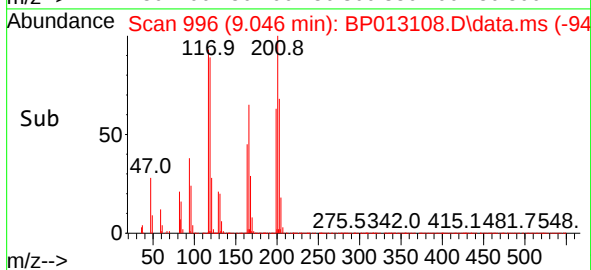
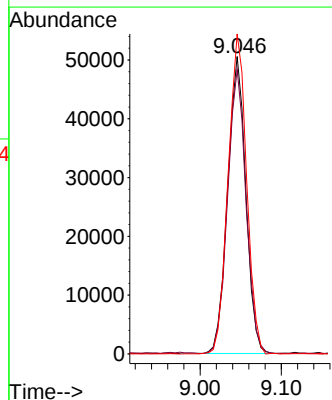
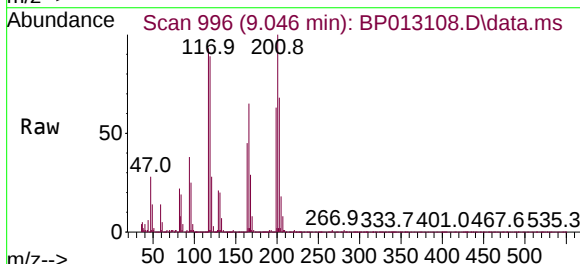
Manual Integrations
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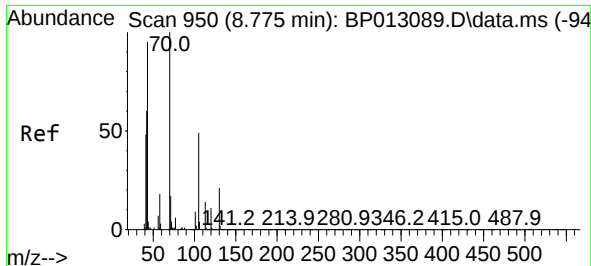
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#18
Hexachloroethane
Concen: 6.610 ng
RT: 9.046 min Scan# 996
Delta R.T. -0.006 min
Lab File: BP013108.D
Acq: 14 Dec 2022 16:35

Tgt Ion:117 Resp: 78612
Ion Ratio Lower Upper
117 100
119 95.6 76.7 115.1
201 107.6 94.6 141.8





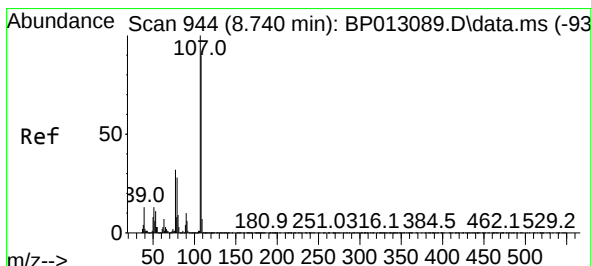
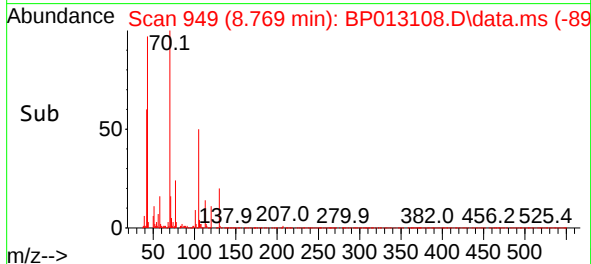
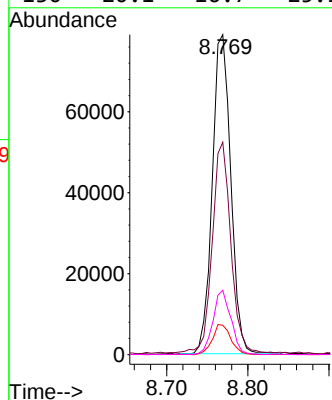
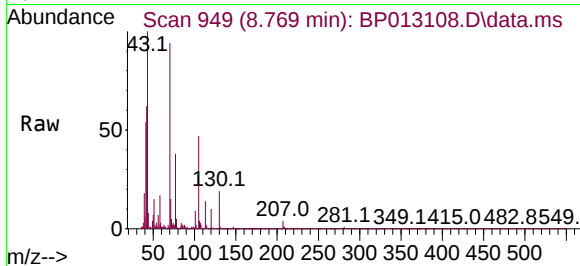
#19
n-Nitroso-di-n-propylamine
Concen: 5.857 ng
RT: 8.769 min Scan# 941
Delta R.T. -0.006 min
Lab File: BP013108.D
Acq: 14 Dec 2022 16:35

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

Tgt Ion: 70 Resp: 124890
Ion Ratio Lower Upper
70 100
42 66.4 48.5 72.7
101 9.2 7.4 11.2
130 20.1 16.7 25.1

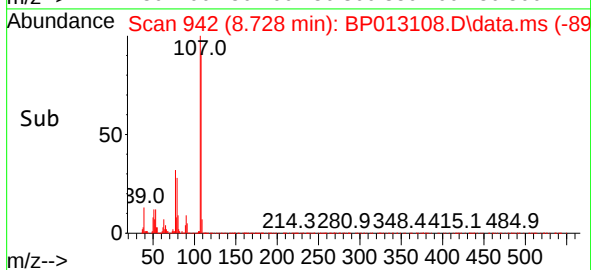
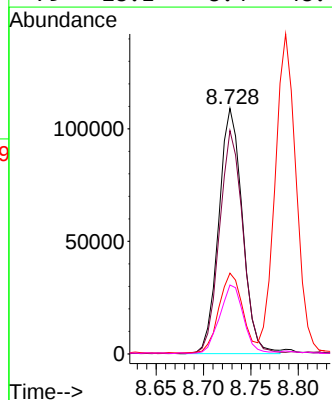
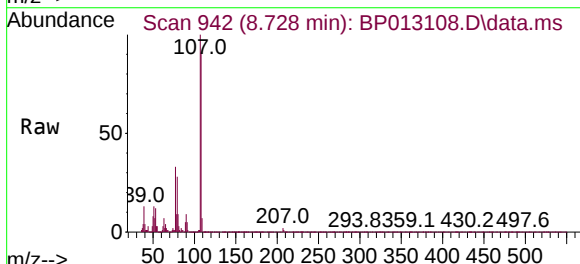
Manual Integrations
APPROVED

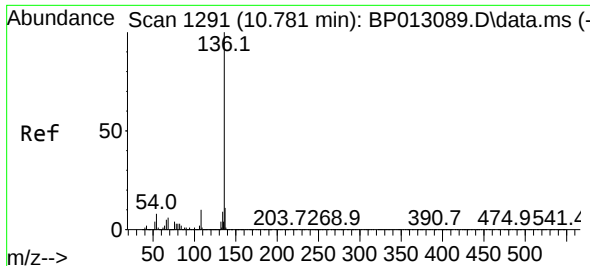
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#20
3+4-Methylphenols
Concen: 5.733 ng
RT: 8.728 min Scan# 942
Delta R.T. -0.012 min
Lab File: BP013108.D
Acq: 14 Dec 2022 16:35

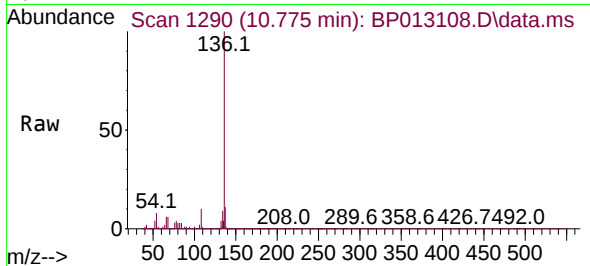
Tgt Ion:107 Resp: 189344
Ion Ratio Lower Upper
107 100
108 90.9 70.5 110.5
77 32.9 12.2 52.2
79 28.1 8.4 48.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.775 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BP013108.D
Acq: 14 Dec 2022 16:35

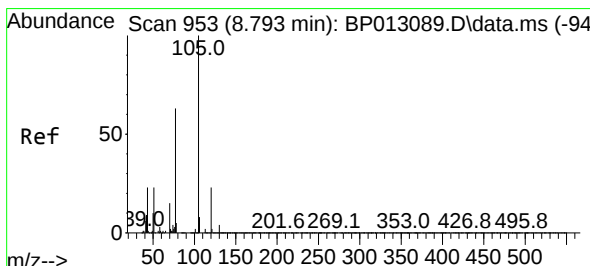
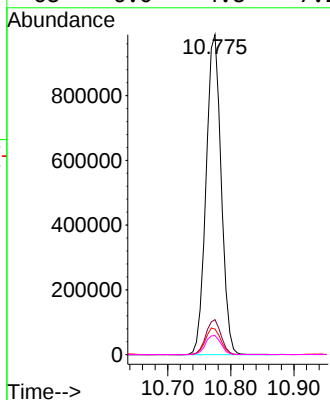
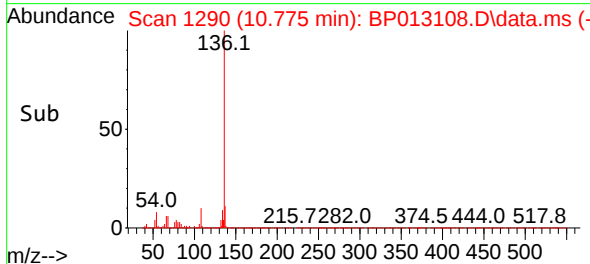
Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT4-2022



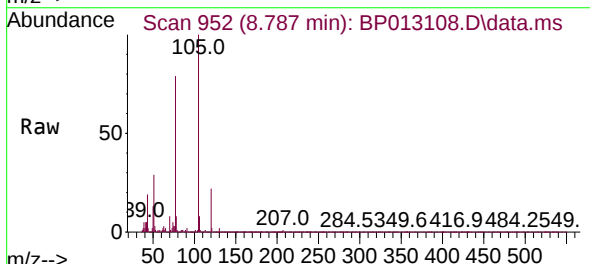
Tgt Ion:136 Resp: 1638015
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 8.0 6.2 9.4
68 6.0 4.8 7.2

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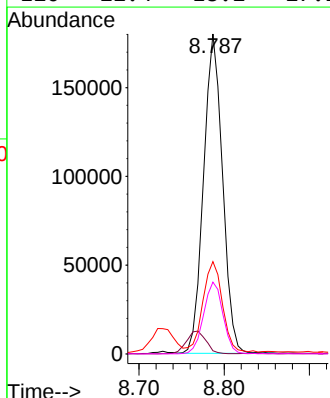
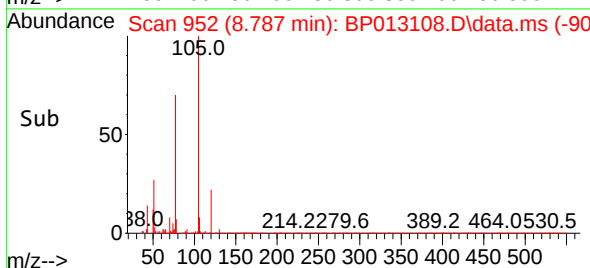
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022

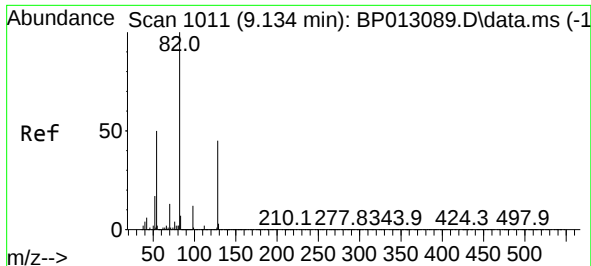


#22
Acetophenone
Concen: 6.820 ng
RT: 8.787 min Scan# 952
Delta R.T. -0.006 min
Lab File: BP013108.D
Acq: 14 Dec 2022 16:35



Tgt Ion:105 Resp: 277997
Ion Ratio Lower Upper
105 100
71 1.0 2.2 3.4#
51 28.8 21.5 32.3
120 22.4 18.2 27.2





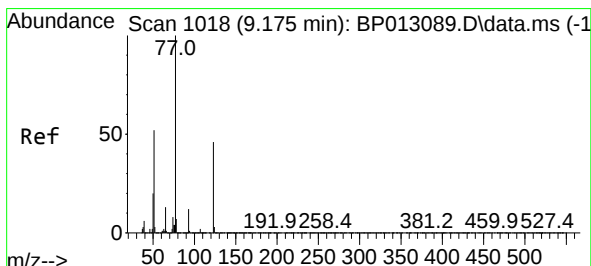
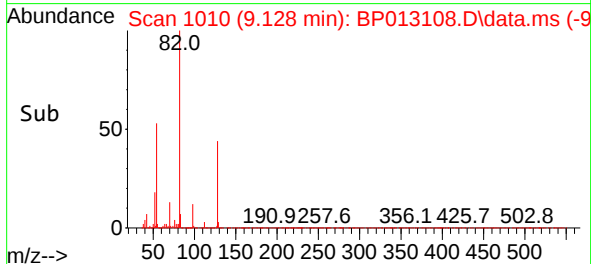
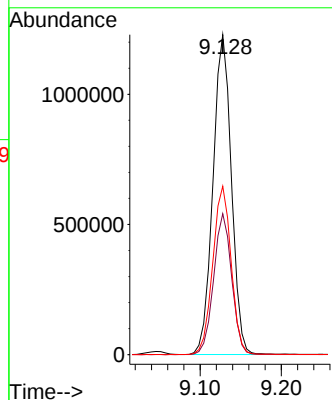
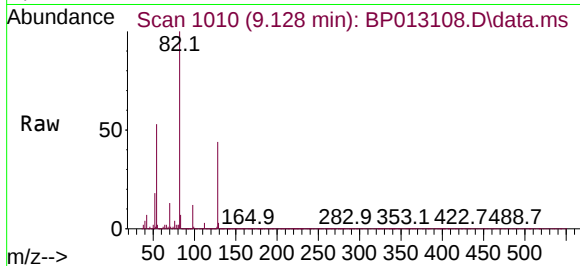
#23
Nitrobenzene-d5
Concen: 64.822 ng
RT: 9.128 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BP013108.D
Acq: 14 Dec 2022 16:35

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

Tgt Ion: 82 Resp: 1936789
Ion Ratio Lower Upper
82 100
128 44.0 35.9 53.9
54 52.6 40.4 60.6

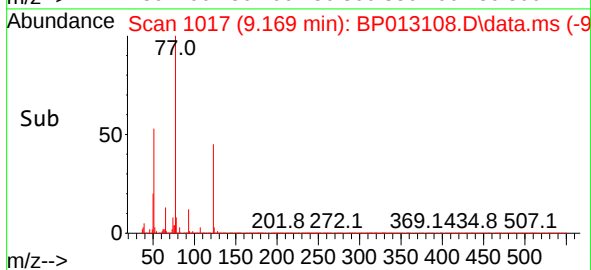
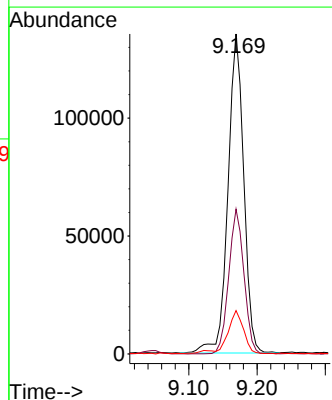
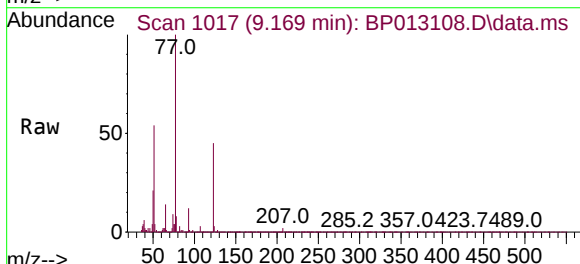
Manual Integrations
APPROVED

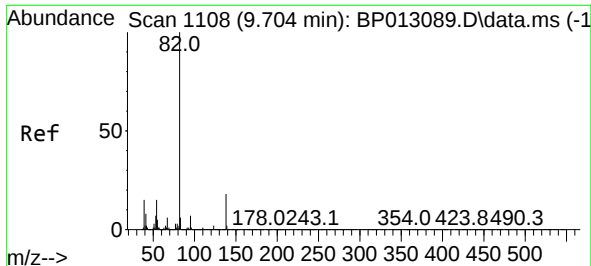
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#24
Nitrobenzene
Concen: 6.990 ng
RT: 9.169 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BP013108.D
Acq: 14 Dec 2022 16:35

Tgt Ion: 77 Resp: 217663
Ion Ratio Lower Upper
77 100
123 45.2 37.0 55.4
65 13.5 10.7 16.1





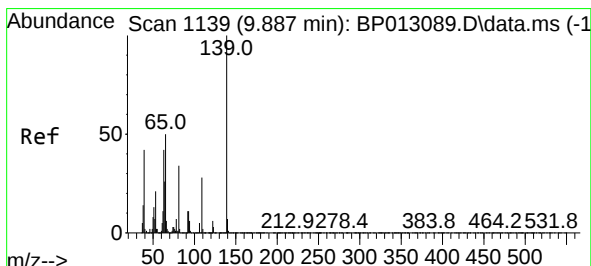
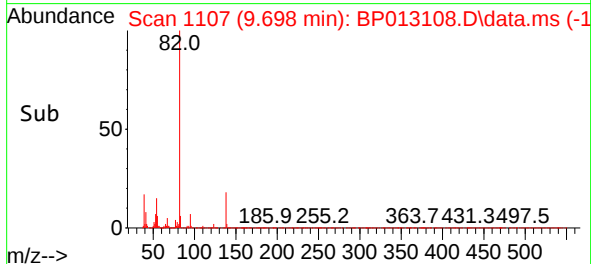
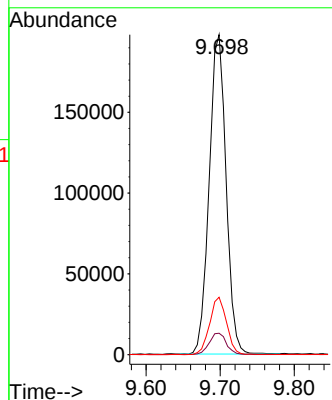
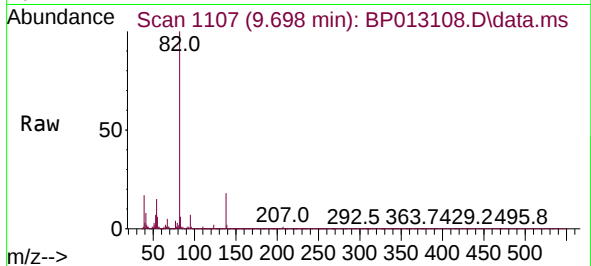
#25
Isophorone
Concen: 6.187 ng
RT: 9.698 min Scan# 1107
Delta R.T. -0.006 min
Lab File: BP013108.D
Acq: 14 Dec 2022 16:35

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

Tgt Ion: 82 Resp: 31398
Ion Ratio Lower Upper
82 100
95 6.7 5.4 8.0
138 17.9 14.5 21.7

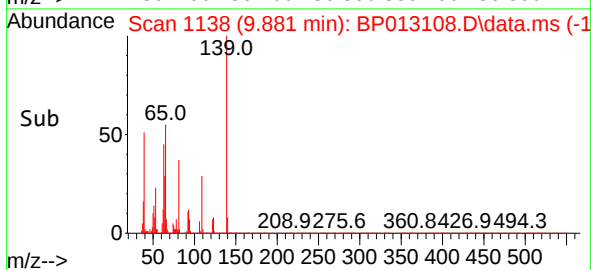
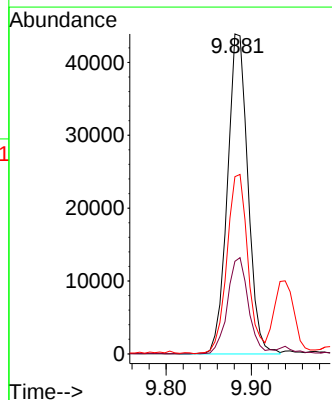
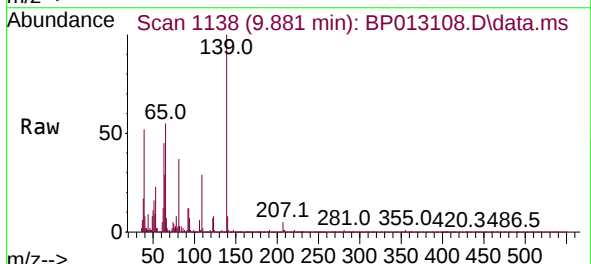
Manual Integrations
APPROVED

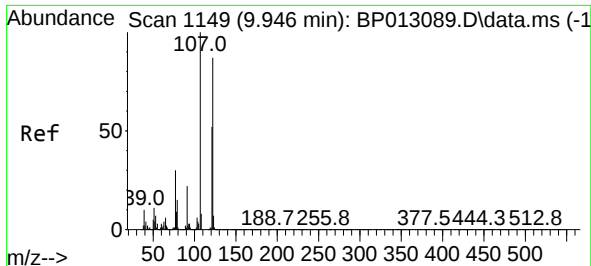
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#26
2-Nitrophenol
Concen: 5.141 ng
RT: 9.881 min Scan# 1138
Delta R.T. -0.006 min
Lab File: BP013108.D
Acq: 14 Dec 2022 16:35

Tgt Ion:139 Resp: 73281
Ion Ratio Lower Upper
139 100
109 28.9 22.5 33.7
65 55.4 39.9 59.9





#27

2,4-Dimethylphenol

Concen: 6.955 ng

RT: 9.940 min Scan# 1149

Delta R.T. -0.006 min

Lab File: BP013108.D

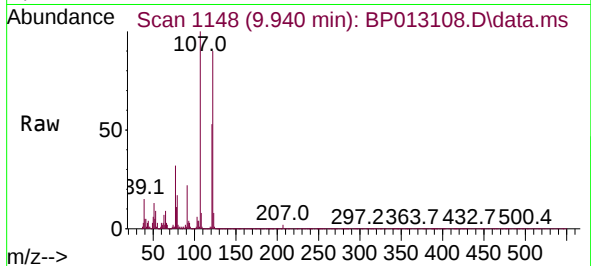
Acq: 14 Dec 2022 16:35

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT4-2022

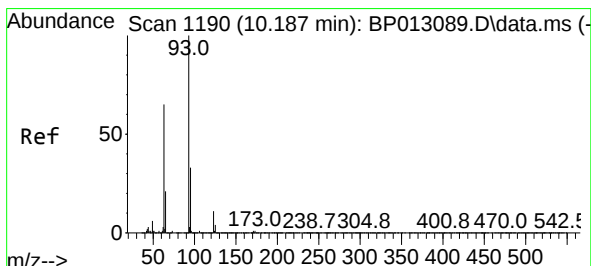
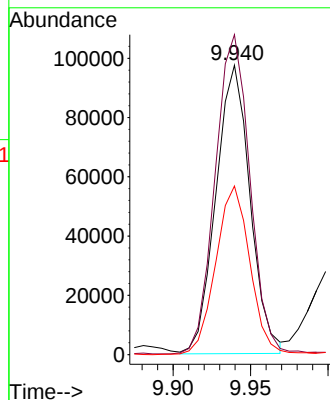
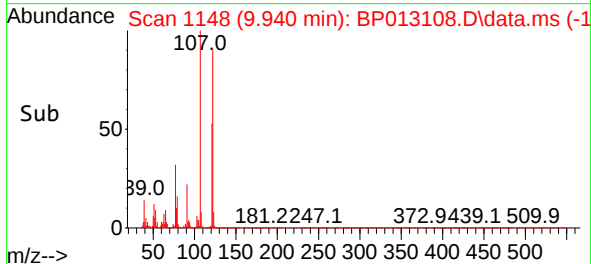


Tgt Ion:	122	Resp:	149334
Ion	Ratio	Lower	Upper
122	100		
107	110.6	91.1	136.7
121	58.3	47.0	70.4

Manual Integrations

APPROVED

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



#28

bis(2-Chloroethoxy)methane

Concen: 7.062 ng

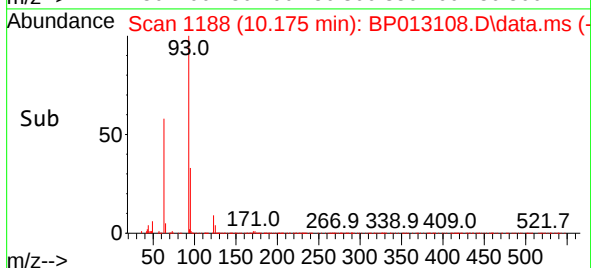
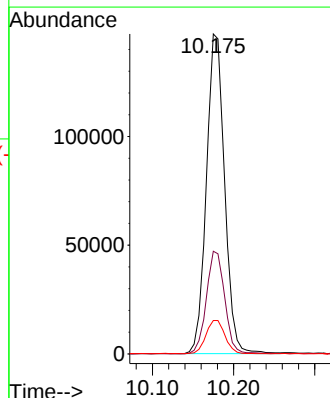
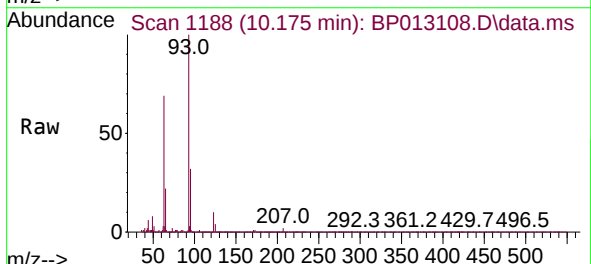
RT: 10.175 min Scan# 1188

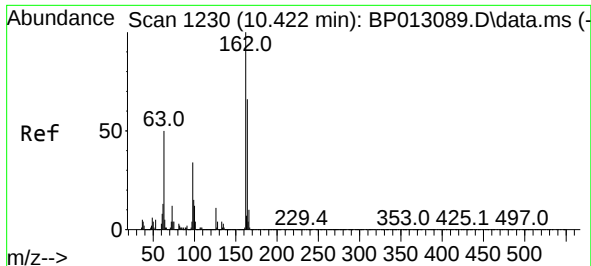
Delta R.T. -0.012 min

Lab File: BP013108.D

Acq: 14 Dec 2022 16:35

Tgt Ion:	93	Resp:	229791
Ion	Ratio	Lower	Upper
93	100		
95	32.1	26.4	39.6
123	10.4	9.2	13.8





#29

2,4-Dichlorophenol

Concen: 5.925 ng

RT: 10.416 min Scan# 1229

Delta R.T. -0.006 min

Lab File: BP013108.D

Acq: 14 Dec 2022 16:35

Instrument :

BNA_P

ClientSampleId :

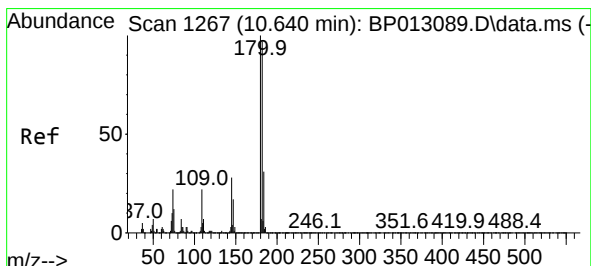
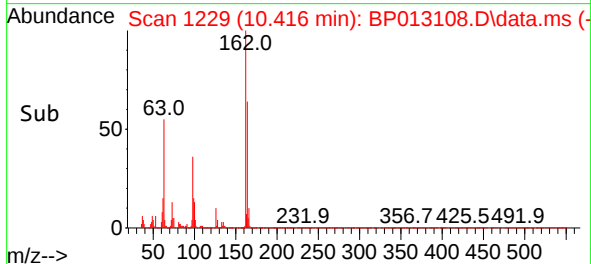
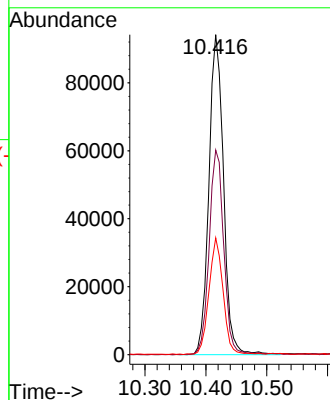
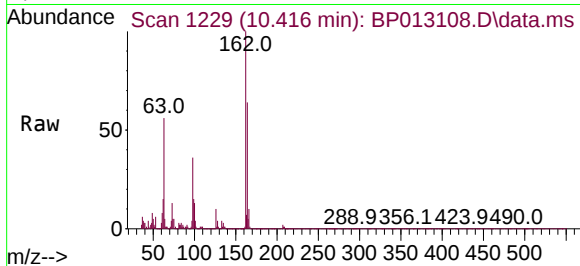
MDL-WATER-03-QT4-2022

Tgt Ion:	162	Resp:	157016
Ion Ratio	Lower	Upper	
162	100		
164	63.9	45.8	85.8
98	36.5	13.8	53.8

Manual Integrations

APPROVED

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



#30

1,2,4-Trichlorobenzene

Concen: 6.730 ng

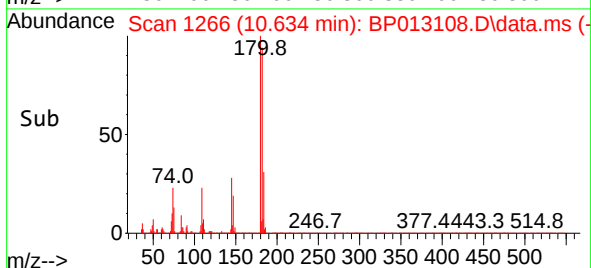
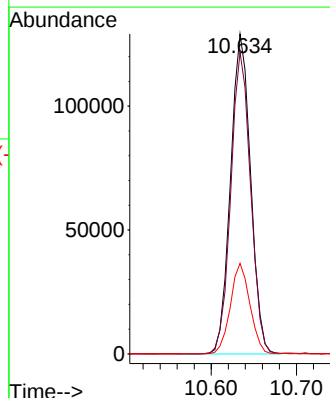
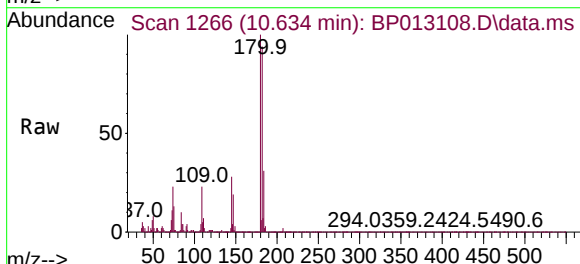
RT: 10.634 min Scan# 1266

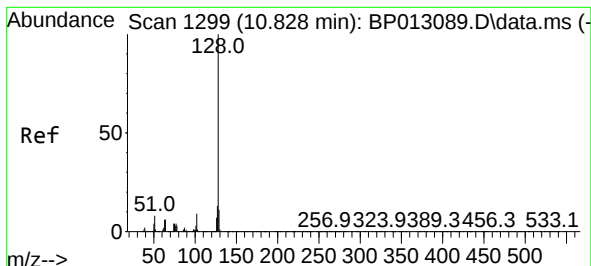
Delta R.T. -0.006 min

Lab File: BP013108.D

Acq: 14 Dec 2022 16:35

Tgt Ion:	180	Resp:	210499
Ion Ratio	Lower	Upper	
180	100		
182	94.2	77.8	116.6
145	28.3	22.6	33.8





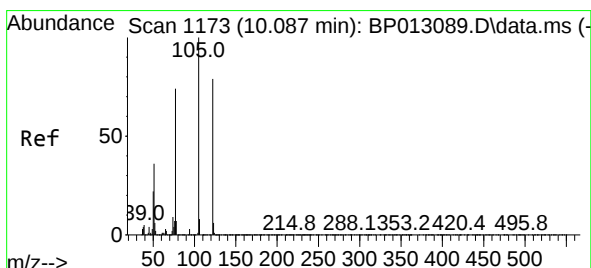
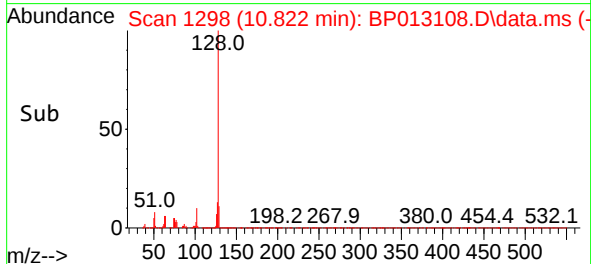
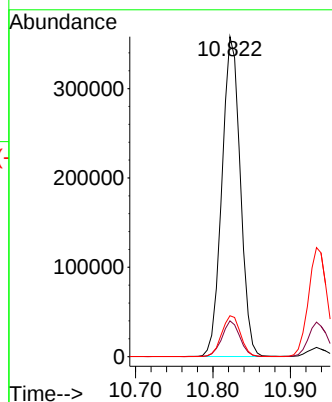
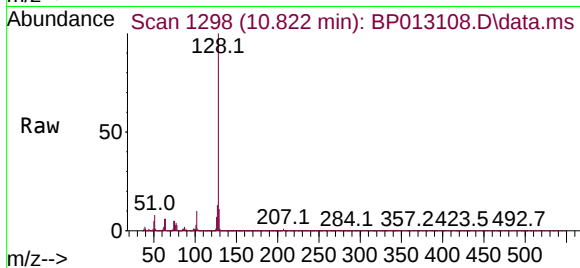
#31
Naphthalene
Concen: 6.599 ng
RT: 10.822 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BP013108.D
Acq: 14 Dec 2022 16:35

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

Tgt Ion:128 Resp: 59190
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 12.8 10.4 15.6

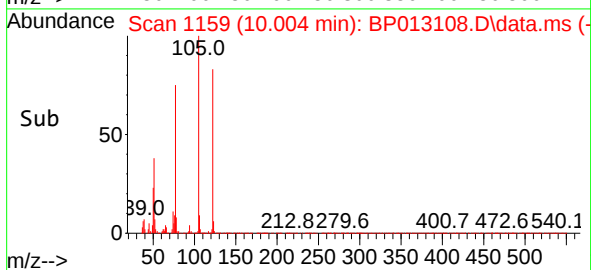
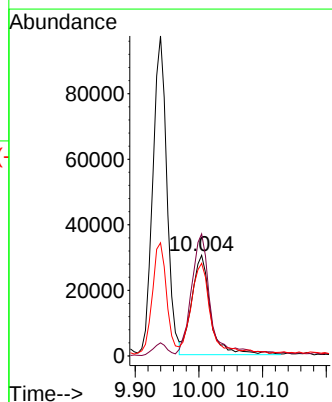
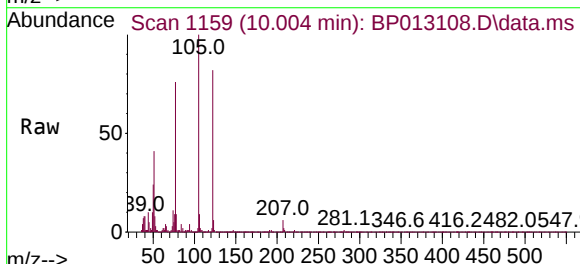
Manual Integrations
APPROVED

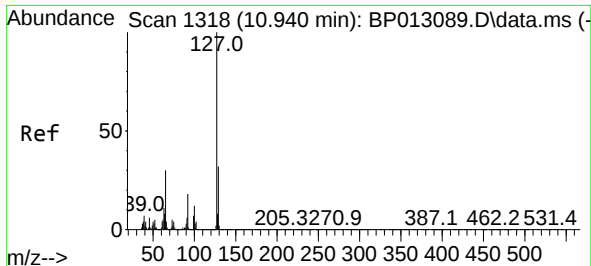
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#32
Benzoic acid
Concen: 3.696 ng m
RT: 10.004 min Scan# 1159
Delta R.T. -0.083 min
Lab File: BP013108.D
Acq: 14 Dec 2022 16:35

Tgt Ion:122 Resp: 62610
Ion Ratio Lower Upper
122 100
105 121.3 101.9 141.9
77 92.0 71.7 111.7





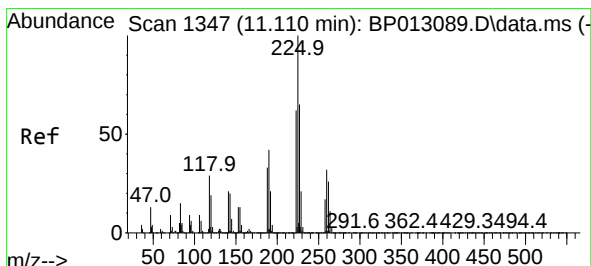
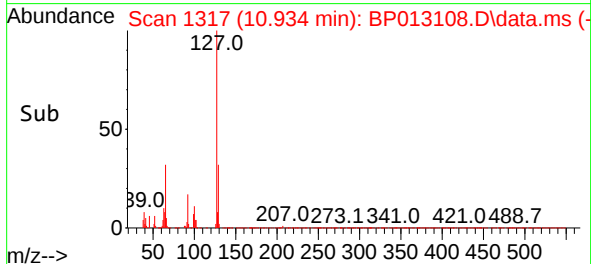
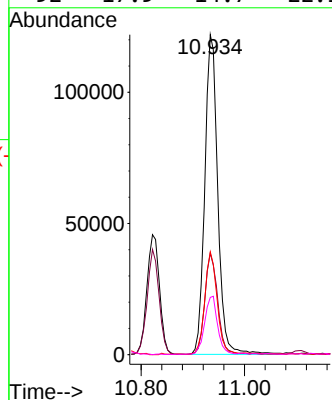
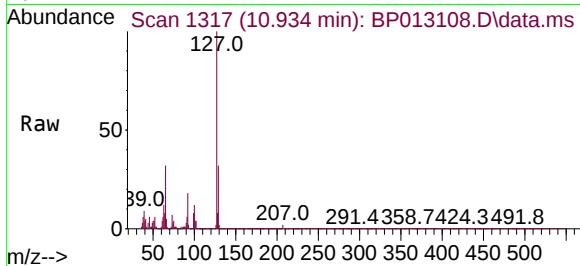
#33
4-Chloroaniline
Concen: 6.374 ng
RT: 10.934 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BP013108.D
Acq: 14 Dec 2022 16:35

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

Tgt Ion:	127	Resp:	213220
Ion Ratio	Lower	Upper	
127	100		
129	31.7	25.5	38.3
65	32.1	23.8	35.8
92	17.9	14.7	22.1

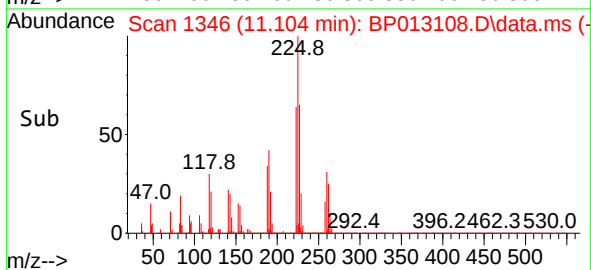
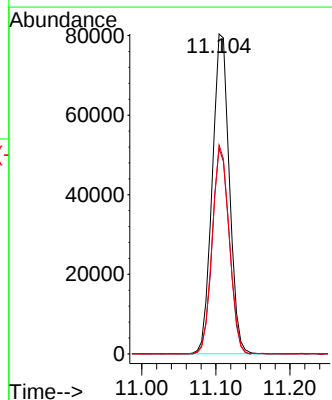
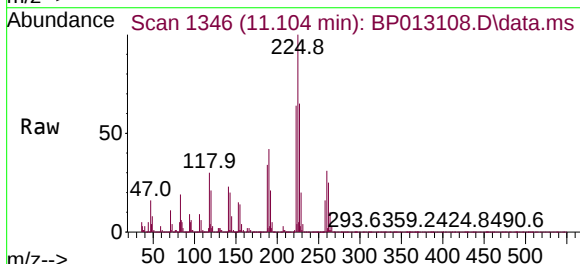
Manual Integrations
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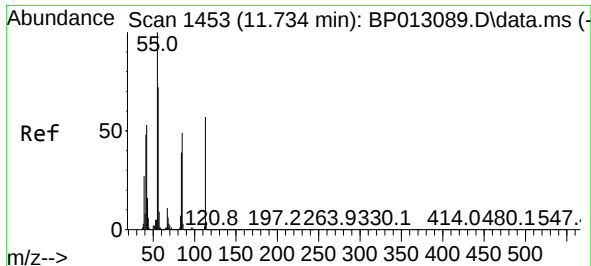
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#34
Hexachlorobutadiene
Concen: 6.455 ng
RT: 11.104 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BP013108.D
Acq: 14 Dec 2022 16:35

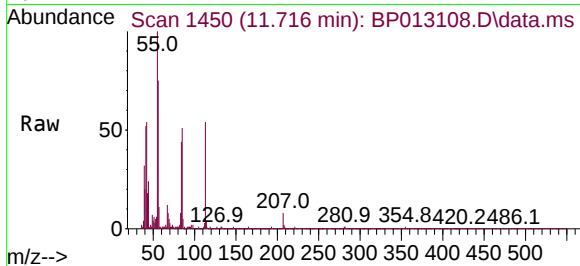
Tgt Ion:	225	Resp:	128798
Ion Ratio	Lower	Upper	
225	100		
223	64.2	49.4	74.0
227	65.3	52.0	78.0





#35
Caprolactam
Concen: 5.059 ng
RT: 11.716 min Scan# 1453
Delta R.T. -0.018 min
Lab File: BP013108.D
Acq: 14 Dec 2022 16:35

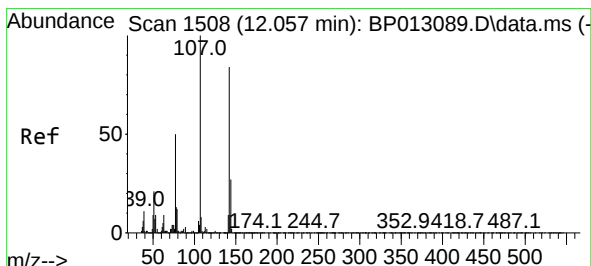
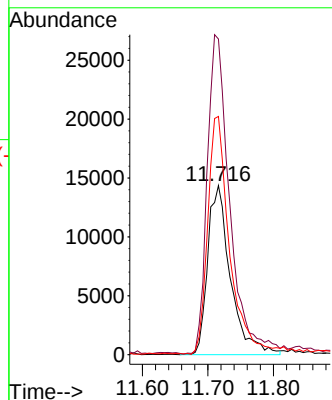
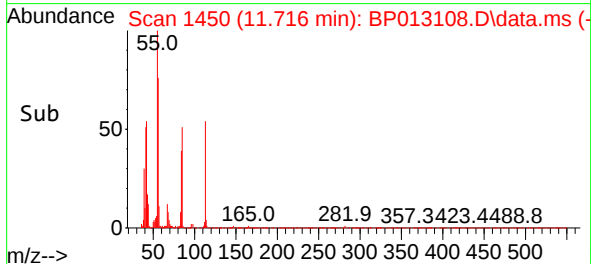
Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT4-2022



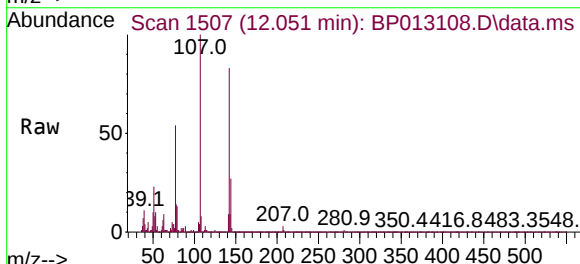
Tgt Ion:113 Resp: 34616
Ion Ratio Lower Upper
113 100
55 186.7 155.5 195.5
56 140.9 106.7 146.7

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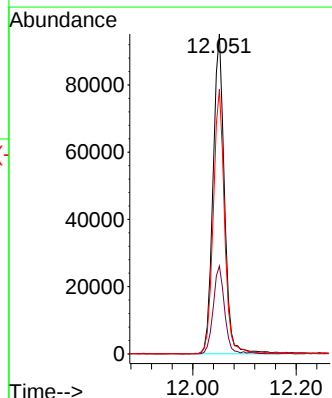
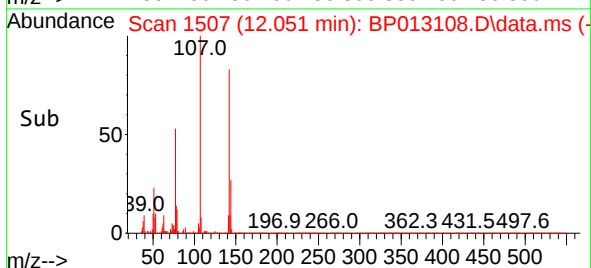
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022

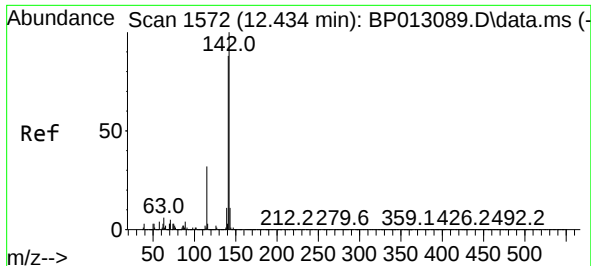


#36
4-Chloro-3-methylphenol
Concen: 5.888 ng
RT: 12.051 min Scan# 1507
Delta R.T. -0.006 min
Lab File: BP013108.D
Acq: 14 Dec 2022 16:35



Tgt Ion:107 Resp: 145745
Ion Ratio Lower Upper
107 100
144 27.5 21.5 32.3
142 82.7 67.2 100.8





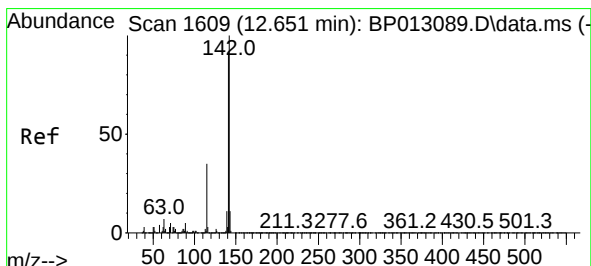
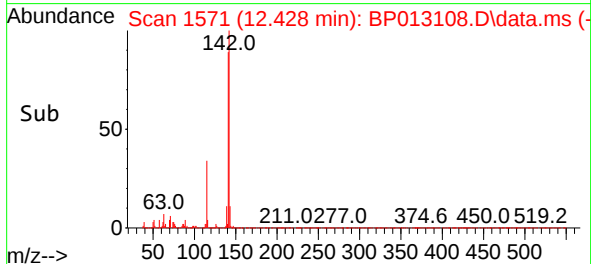
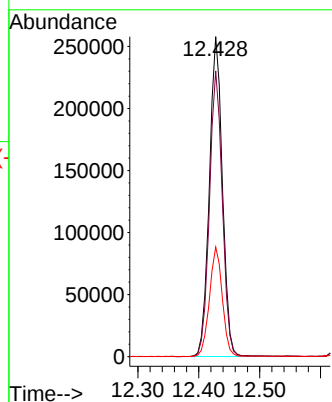
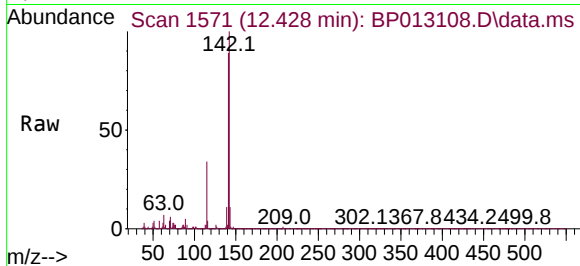
#37
2-Methylnaphthalene
Concen: 6.368 ng
RT: 12.428 min Scan# 1571
Delta R.T. -0.006 min
Lab File: BP013108.D
Acq: 14 Dec 2022 16:35

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

Tgt Ion:142 Resp: 38412
Ion Ratio Lower Upper
142 100
141 89.3 70.4 105.6
115 34.2 25.7 38.5

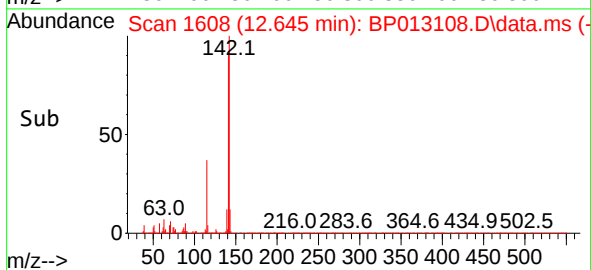
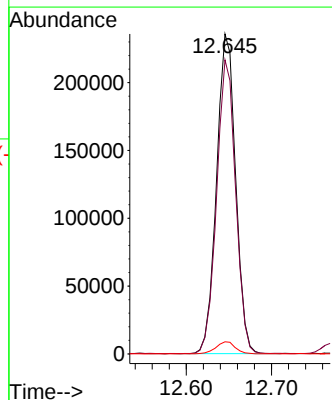
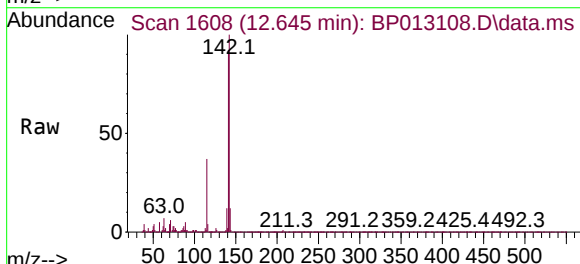
Manual Integrations
APPROVED

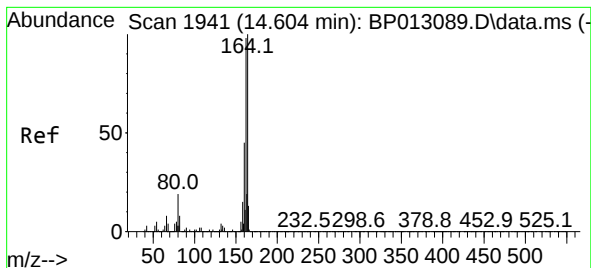
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#38
1-Methylnaphthalene
Concen: 6.233 ng
RT: 12.645 min Scan# 1608
Delta R.T. -0.006 min
Lab File: BP013108.D
Acq: 14 Dec 2022 16:35

Tgt Ion:142 Resp: 366114
Ion Ratio Lower Upper
142 100
141 91.9 73.0 109.4
116 3.8 2.8 4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.598 min Scan# 1940

Delta R.T. -0.006 min

Lab File: BP013108.D

Acq: 14 Dec 2022 16:35

Instrument :

BNA_P

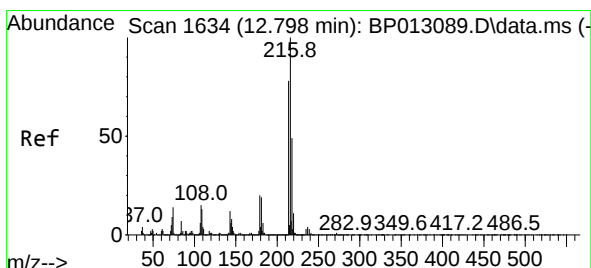
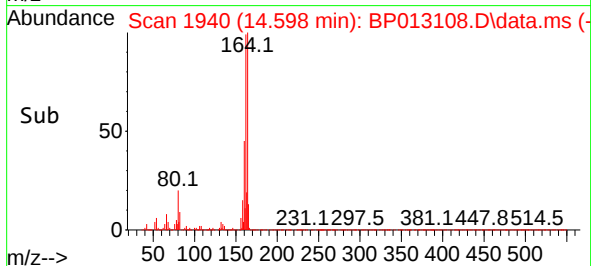
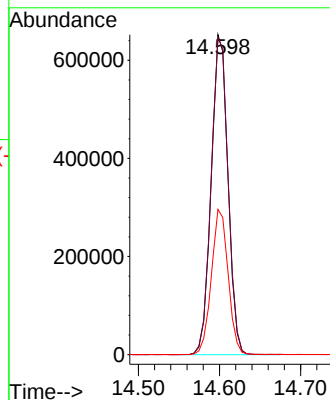
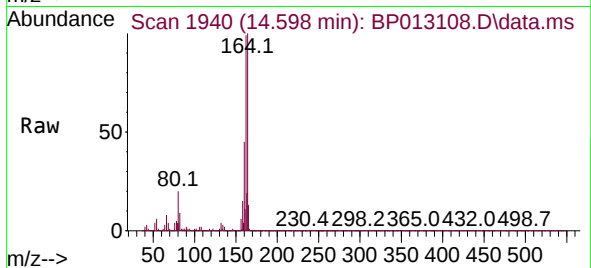
ClientSampleId :

MDL-WATER-03-QT4-2022

Tgt Ion:164 Resp: 930430
 Ion Ratio Lower Upper
 164 100
 162 99.0 78.8 118.2
 160 45.4 36.0 54.0

Manual Integrations
 APPROVED

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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 6.791 ng

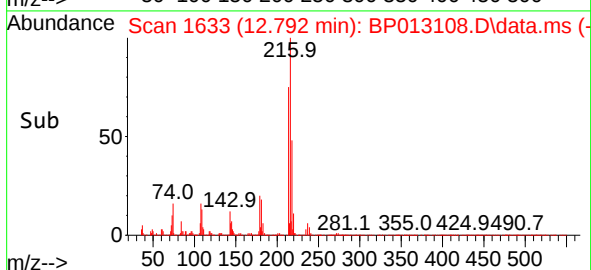
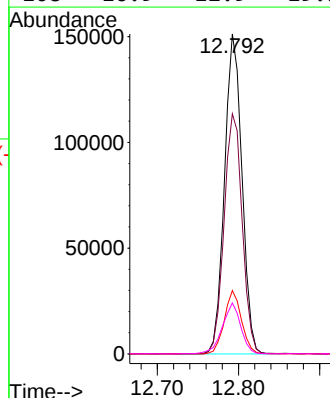
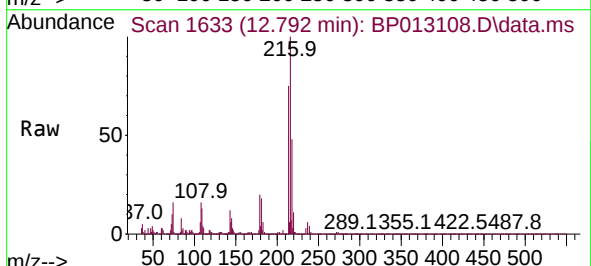
RT: 12.792 min Scan# 1633

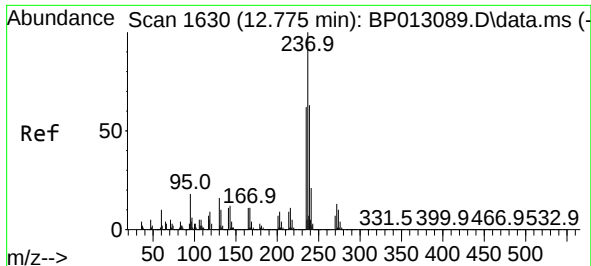
Delta R.T. -0.006 min

Lab File: BP013108.D

Acq: 14 Dec 2022 16:35

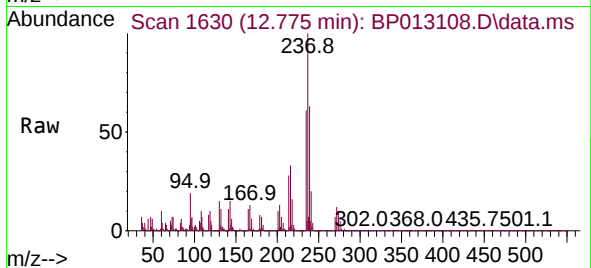
Tgt Ion:216 Resp: 225420
 Ion Ratio Lower Upper
 216 100
 214 77.9 62.6 94.0
 179 19.4 15.7 23.5
 108 16.9 12.9 19.3





#41
Hexachlorocyclopentadiene
Concen: 6.350 ng
RT: 12.775 min Scan# 1630
Delta R.T. -0.000 min
Lab File: BP013108.D
Acq: 14 Dec 2022 16:35

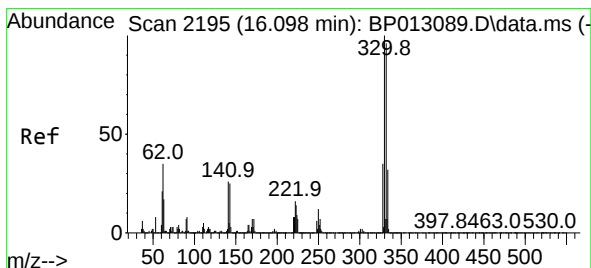
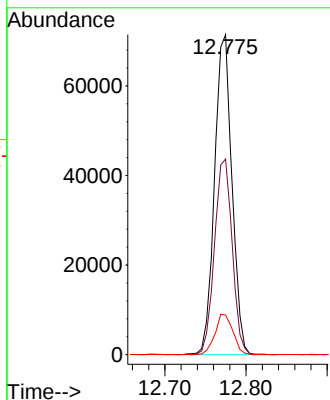
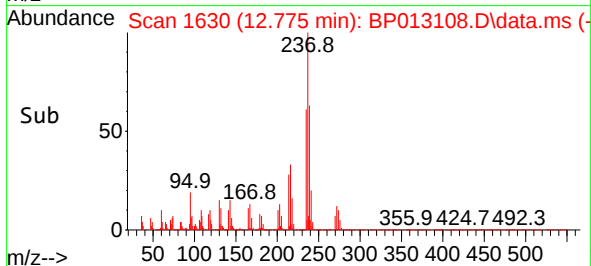
Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT4-2022



Tgt Ion: 237 Resp: 10627
Ion Ratio Lower Upper
237 100
235 61.1 41.8 81.8
272 12.4 0.0 32.7

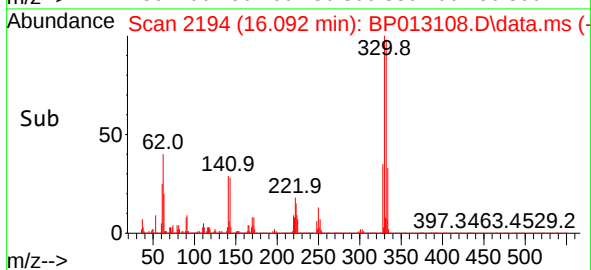
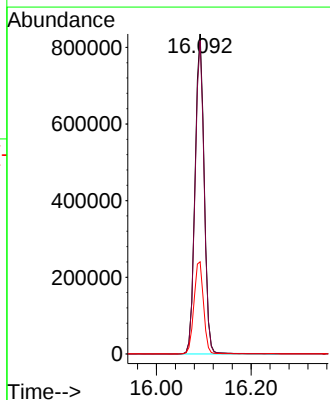
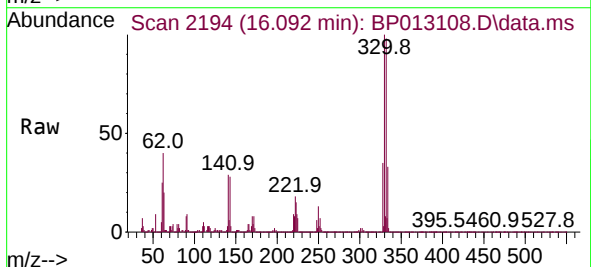
Manual Integrations
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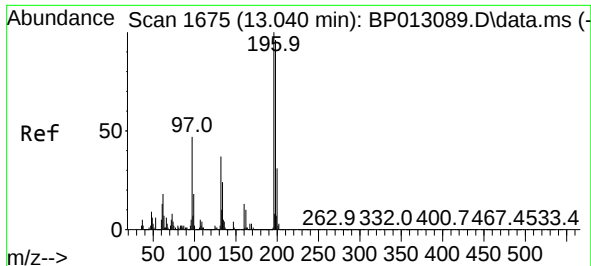
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#42
2,4,6-Tribromophenol
Concen: 99.553 ng
RT: 16.092 min Scan# 2194
Delta R.T. -0.006 min
Lab File: BP013108.D
Acq: 14 Dec 2022 16:35

Tgt Ion: 330 Resp: 1116796
Ion Ratio Lower Upper
330 100
332 97.3 77.5 116.3
141 30.2 23.2 34.8





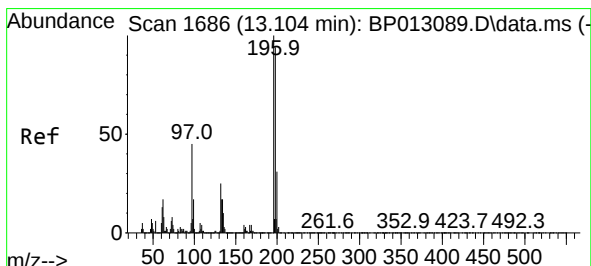
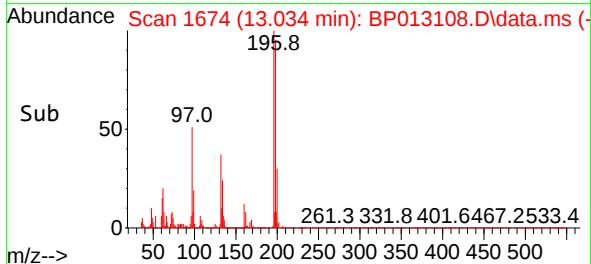
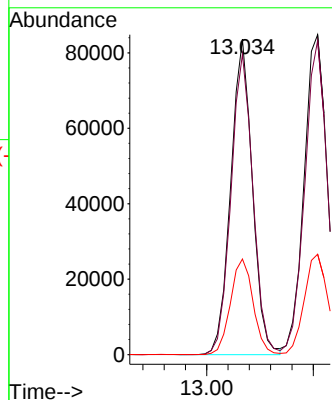
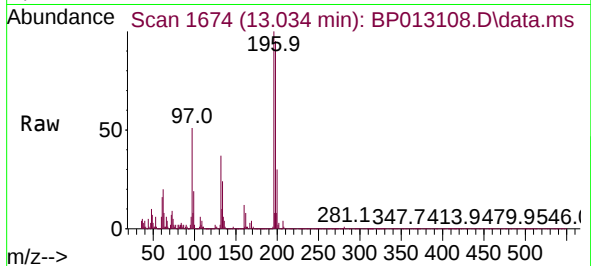
#43
2,4,6-Trichlorophenol
Concen: 5.634 ng
RT: 13.034 min Scan# 1674
Delta R.T. -0.006 min
Lab File: BP013108.D
Acq: 14 Dec 2022 16:35

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

Tgt Ion:196 Resp: 117931
Ion Ratio Lower Upper
196 100
198 95.2 76.9 115.3
200 30.3 25.0 37.4

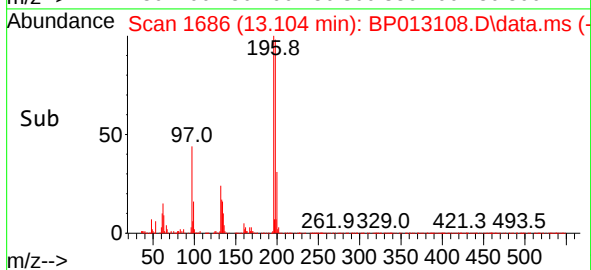
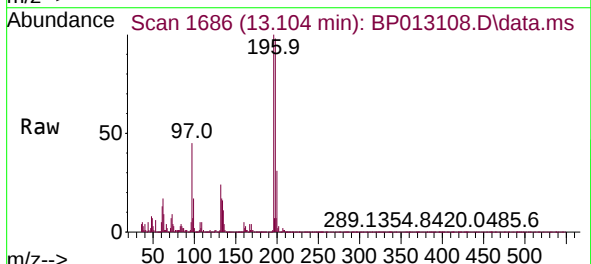
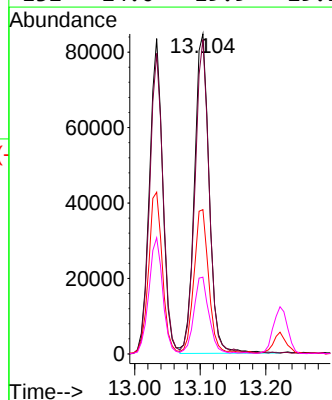
Manual Integrations
APPROVED

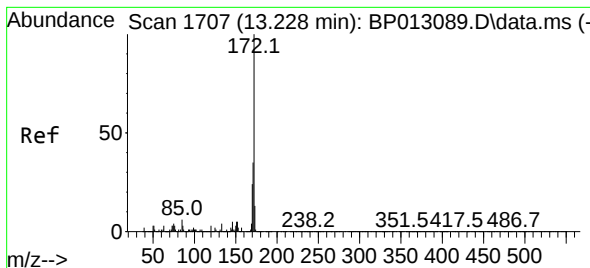
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#44
2,4,5-Trichlorophenol
Concen: 5.831 ng
RT: 13.104 min Scan# 1686
Delta R.T. 0.000 min
Lab File: BP013108.D
Acq: 14 Dec 2022 16:35

Tgt Ion:196 Resp: 131864
Ion Ratio Lower Upper
196 100
198 98.2 75.3 112.9
97 45.1 36.1 54.1
132 24.0 19.9 29.9





#45

2-Fluorobiphenyl

Concen: 65.544 ng

RT: 13.222 min Scan# 1706

Delta R.T. -0.006 min

Lab File: BP013108.D

Acq: 14 Dec 2022 16:35

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT4-2022

Tgt Ion:172 Resp: 4491458

Ion Ratio Lower Upper

172 100

171 34.4 28.3 42.5

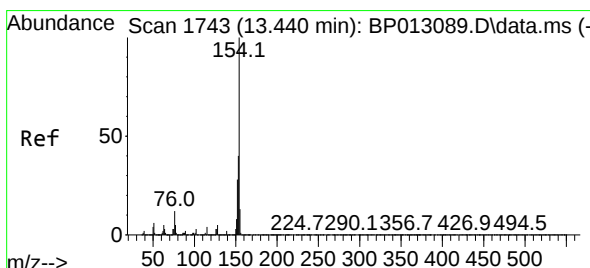
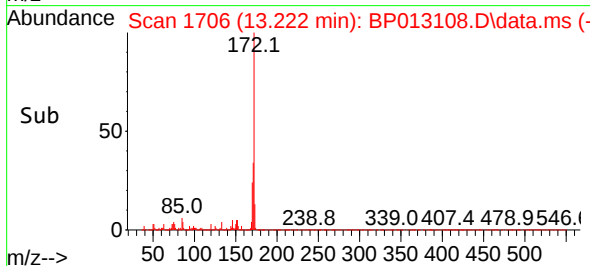
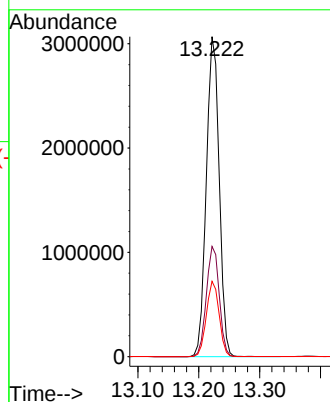
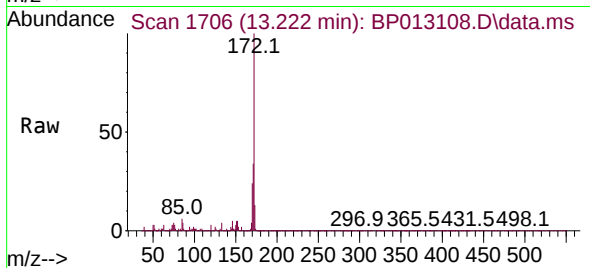
170 23.5 19.2 28.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/15/2022

Supervised By :mohammad ahmed 12/17/2022



#46

1,1'-Biphenyl

Concen: 6.945 ng

RT: 13.434 min Scan# 1742

Delta R.T. -0.006 min

Lab File: BP013108.D

Acq: 14 Dec 2022 16:35

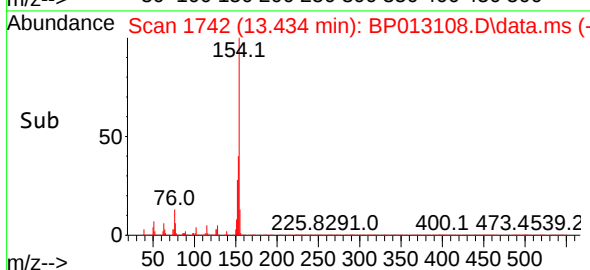
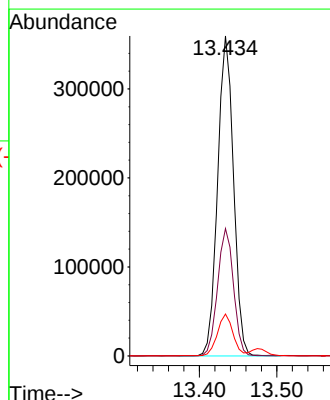
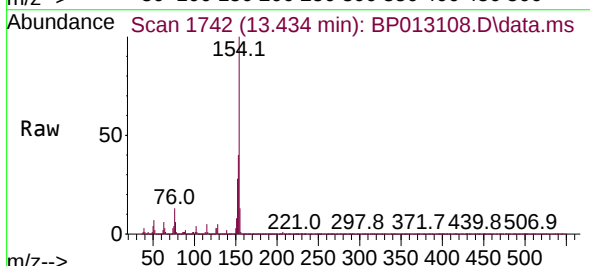
Tgt Ion:154 Resp: 510911

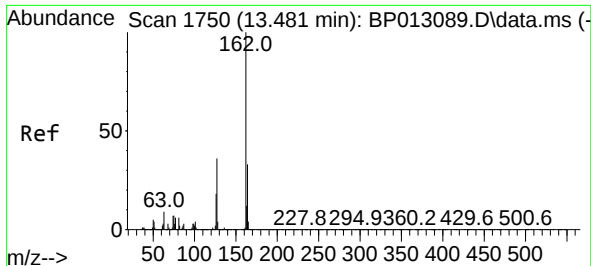
Ion Ratio Lower Upper

154 100

153 39.8 19.9 59.9

76 13.1 0.0 32.2





#47

2-Chloronaphthalene

Concen: 6.748 ng

RT: 13.475 min Scan# 1749

Delta R.T. -0.006 min

Lab File: BP013108.D

Acq: 14 Dec 2022 16:35

Instrument :

BNA_P

ClientSampleId :

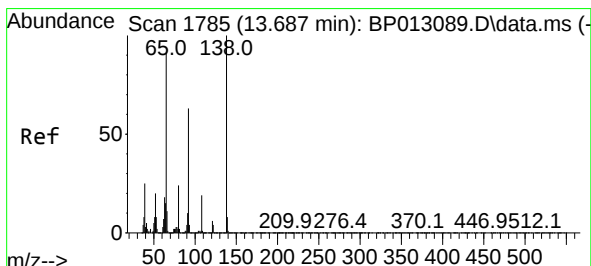
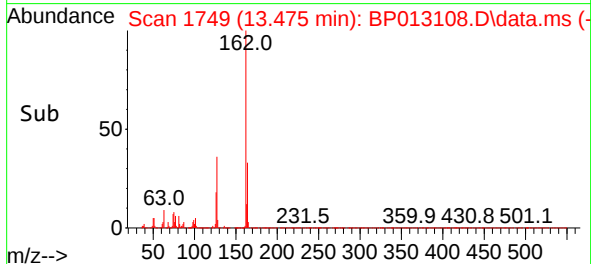
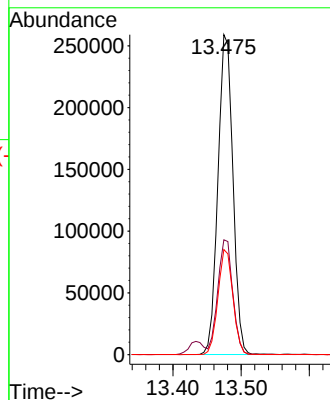
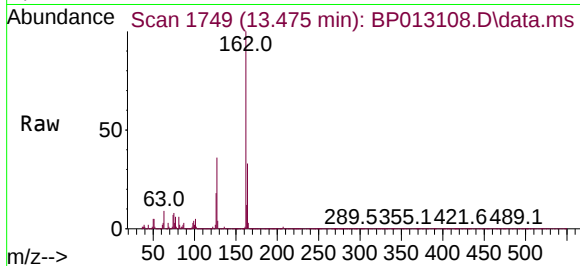
MDL-WATER-03-QT4-2022

Tgt Ion:	162	Resp:	39454
Ion Ratio	Lower	Upper	
162	100		
127	35.9	29.0	43.6
164	32.8	26.7	40.1

Manual Integrations

APPROVED

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



#48

2-Nitroaniline

Concen: 5.124 ng

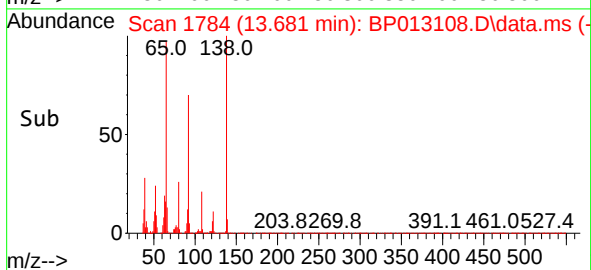
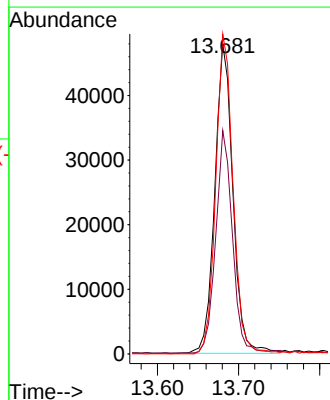
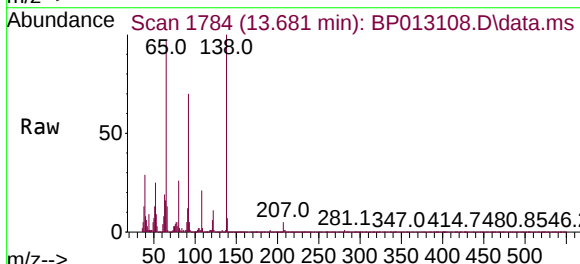
RT: 13.681 min Scan# 1784

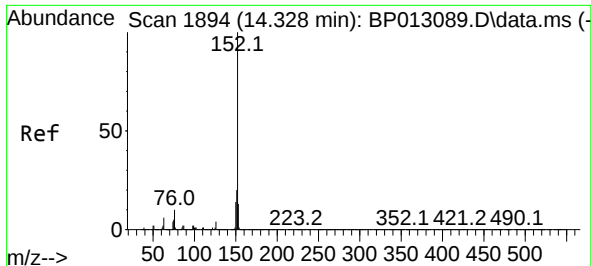
Delta R.T. -0.006 min

Lab File: BP013108.D

Acq: 14 Dec 2022 16:35

Tgt Ion:	65	Resp:	74119
Ion Ratio	Lower	Upper	
65	100		
92	72.0	55.4	83.2
138	103.2	88.1	132.1





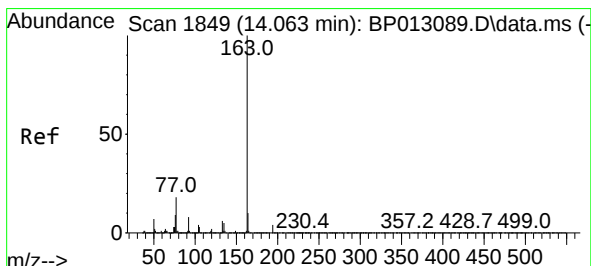
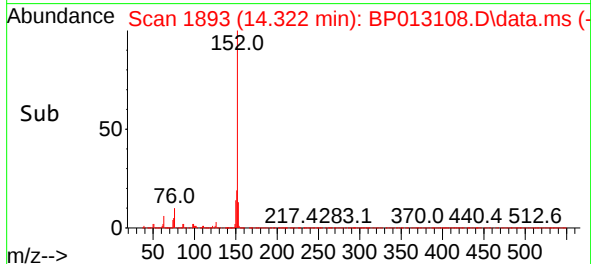
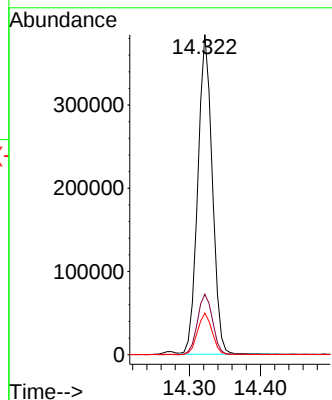
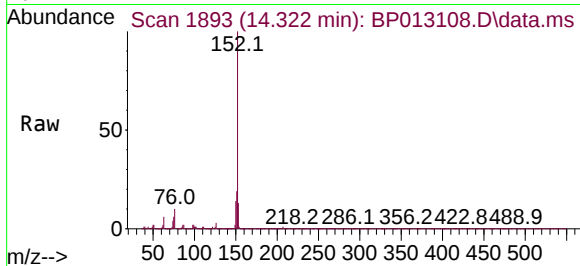
#49
Acenaphthylene
Concen: 6.297 ng
RT: 14.322 min Scan# 1894
Delta R.T. -0.006 min
Lab File: BP013108.D
Acq: 14 Dec 2022 16:35

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

Tgt Ion:152 Resp: 541608
Ion Ratio Lower Upper
152 100
151 18.9 16.0 24.0
153 13.0 10.7 16.1

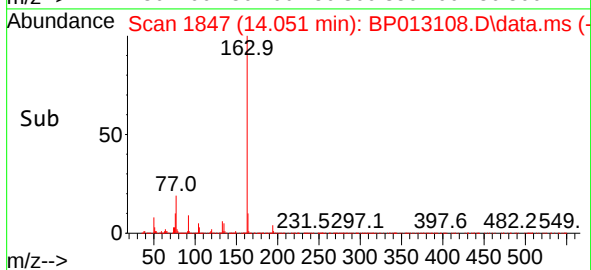
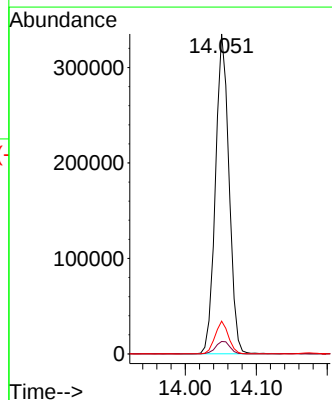
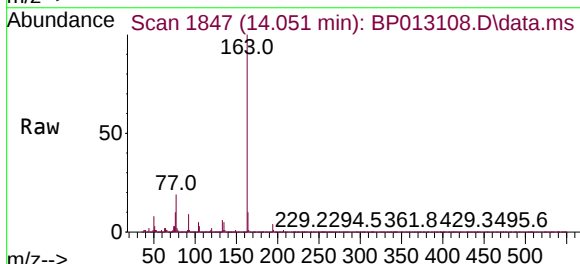
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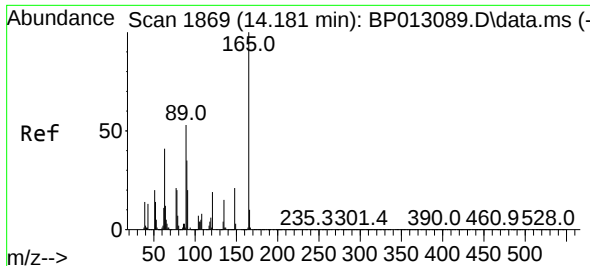
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#50
Dimethylphthalate
Concen: 6.533 ng
RT: 14.051 min Scan# 1847
Delta R.T. -0.012 min
Lab File: BP013108.D
Acq: 14 Dec 2022 16:35

Tgt Ion:163 Resp: 444606
Ion Ratio Lower Upper
163 100
194 3.9 3.5 5.3
164 10.2 8.0 12.0





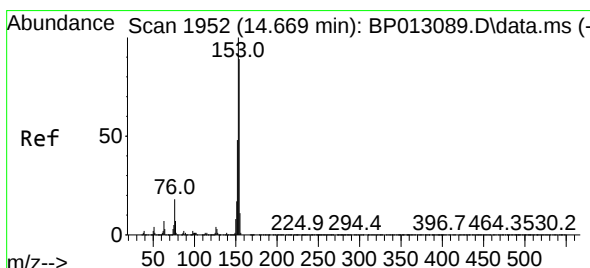
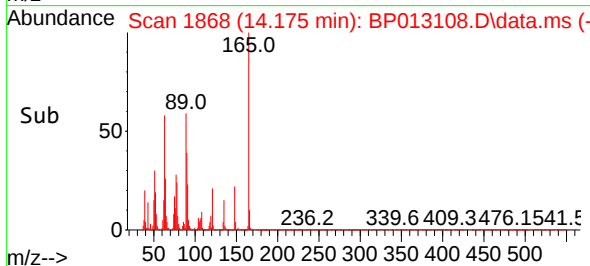
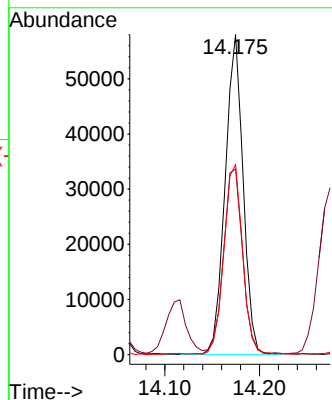
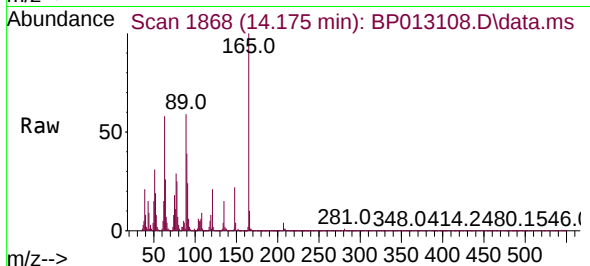
#51
2,6-Dinitrotoluene
Concen: 5.467 ng
RT: 14.175 min Scan# 1868
Delta R.T. -0.006 min
Lab File: BP013108.D
Acq: 14 Dec 2022 16:35

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

Tgt Ion:165 Resp: 76138
Ion Ratio Lower Upper
165 100
63 58.0 41.8 62.8
89 59.3 42.4 63.6

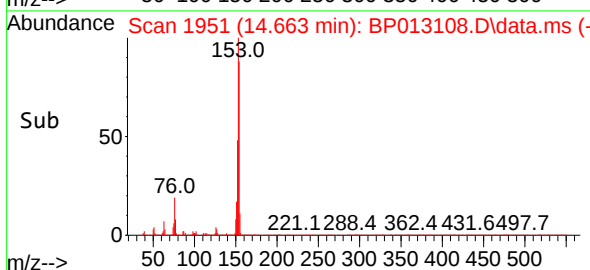
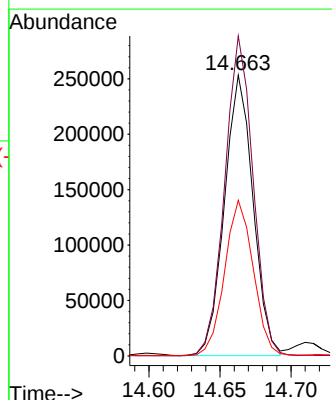
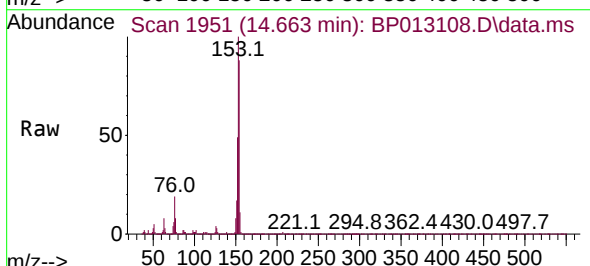
Manual Integrations
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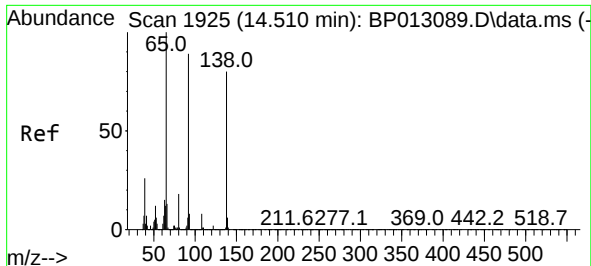
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#52
Acenaphthene
Concen: 6.635 ng
RT: 14.663 min Scan# 1951
Delta R.T. -0.006 min
Lab File: BP013108.D
Acq: 14 Dec 2022 16:35

Tgt Ion:154 Resp: 354772
Ion Ratio Lower Upper
154 100
153 114.0 90.0 135.0
152 55.5 43.0 64.6





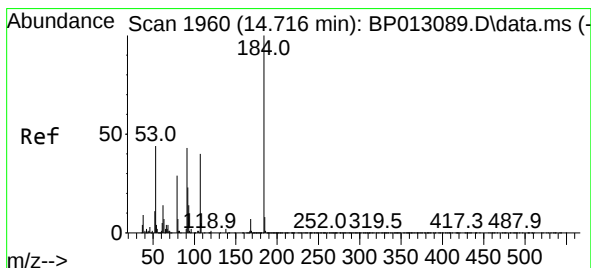
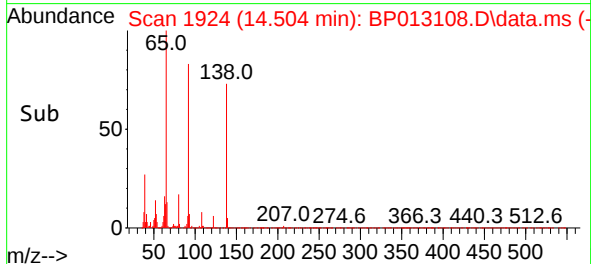
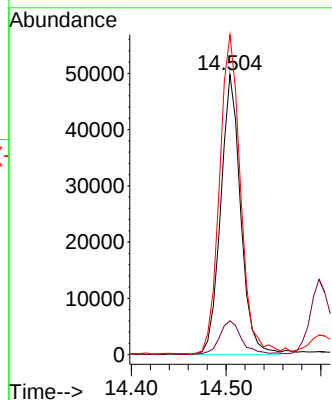
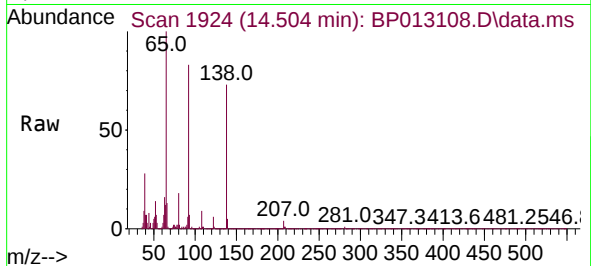
#53
3-Nitroaniline
Concen: 5.105 ng
RT: 14.504 min Scan# 1924
Delta R.T. -0.006 min
Lab File: BP013108.D
Acq: 14 Dec 2022 16:35

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

Tgt Ion:138 Resp: 72495
Ion Ratio Lower Upper
138 100
108 12.1 7.8 11.6
92 114.3 89.2 133.8

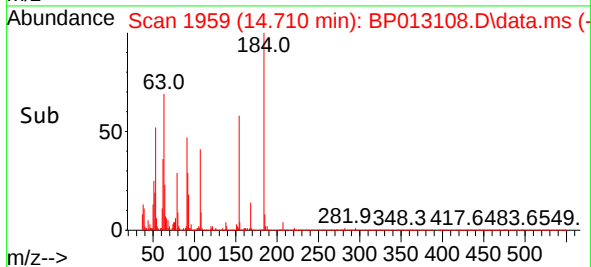
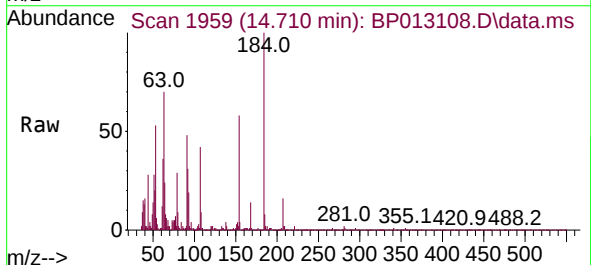
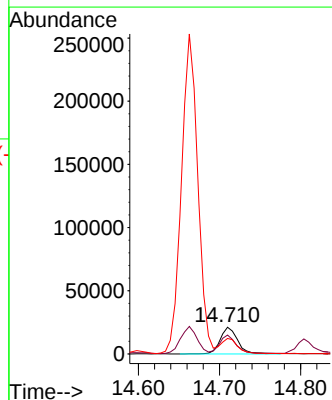
Manual Integrations
APPROVED

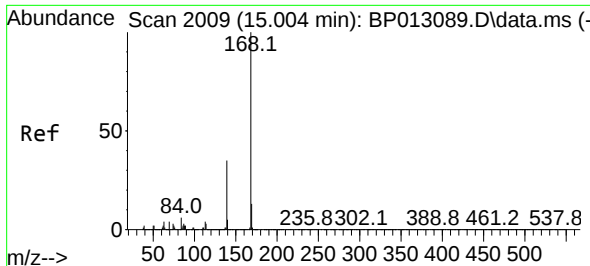
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#54
2,4-Dinitrophenol
Concen: 3.754 ng
RT: 14.710 min Scan# 1959
Delta R.T. -0.006 min
Lab File: BP013108.D
Acq: 14 Dec 2022 16:35

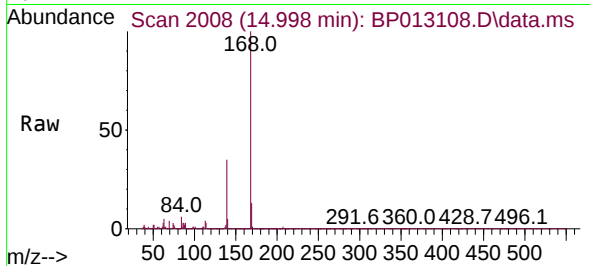
Tgt Ion:184 Resp: 31149
Ion Ratio Lower Upper
184 100
63 70.5 47.6 71.4
154 57.9 45.5 68.3





#55
Dibenzenofuran
Concen: 6.875 ng
RT: 14.998 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BP013108.D
Acq: 14 Dec 2022 16:35

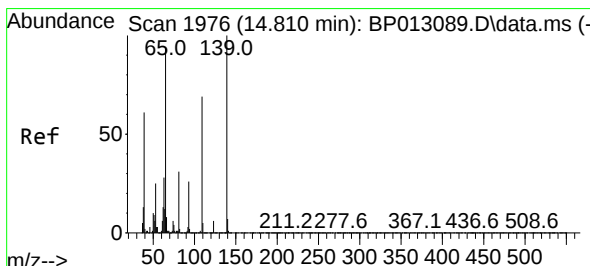
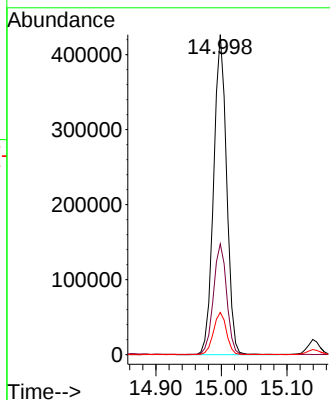
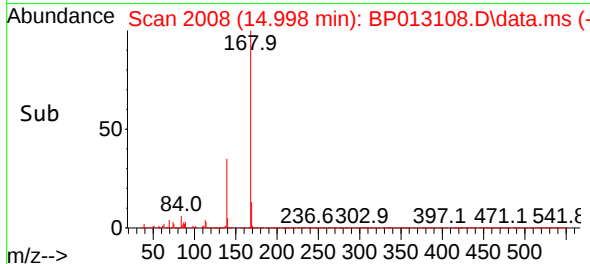
Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT4-2022



Tgt Ion:168 Resp: 588256
Ion Ratio Lower Upper
168 100
139 34.6 27.8 41.8
169 13.2 10.7 16.1

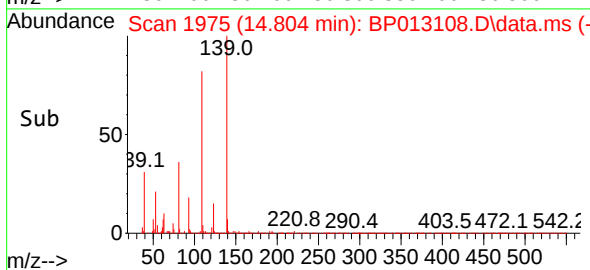
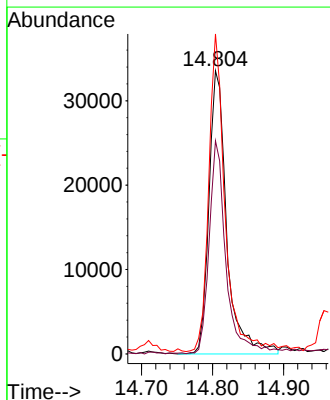
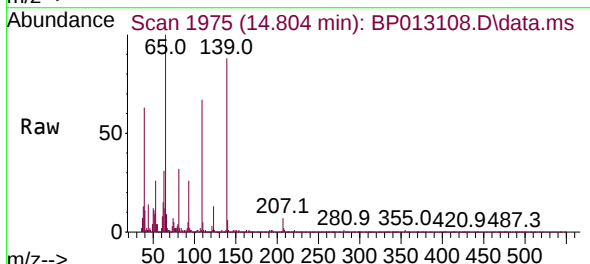
Manual Integrations
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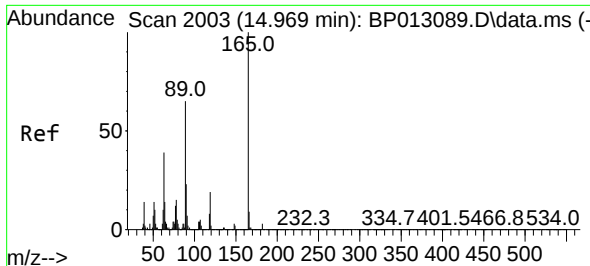
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#56
4-Nitrophenol
Concen: 5.017 ng
RT: 14.804 min Scan# 1975
Delta R.T. -0.006 min
Lab File: BP013108.D
Acq: 14 Dec 2022 16:35

Tgt Ion:139 Resp: 58387
Ion Ratio Lower Upper
139 100
109 75.3 49.4 89.4
65 113.0 74.1 114.1





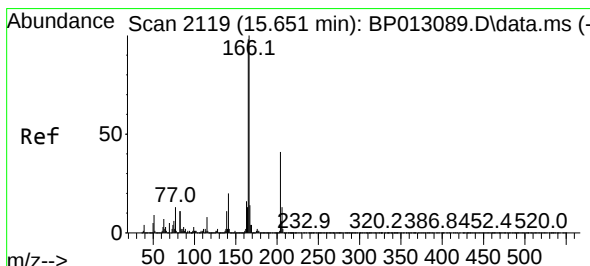
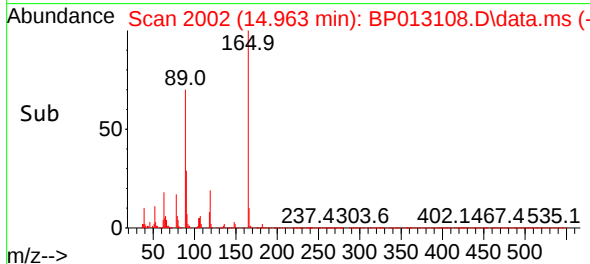
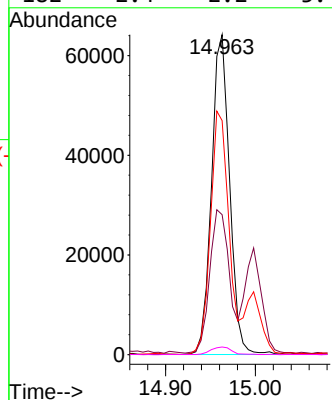
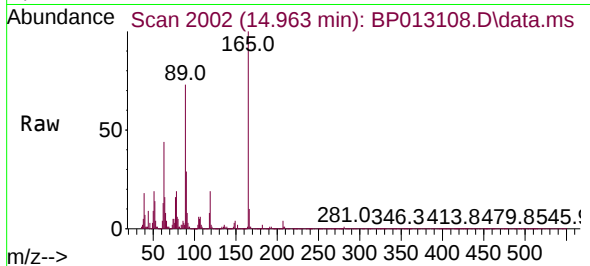
#57
2,4-Dinitrotoluene
Concen: 5.195 ng
RT: 14.963 min Scan# 2003
Delta R.T. -0.006 min
Lab File: BP013108.D
Acq: 14 Dec 2022 16:35

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

Tgt Ion:165 Resp: 90442
Ion Ratio Lower Upper
165 100
63 43.7 31.4 47.2
89 73.1 52.1 78.1
182 2.4 2.2 3.4

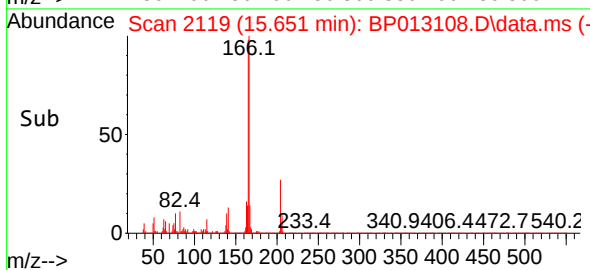
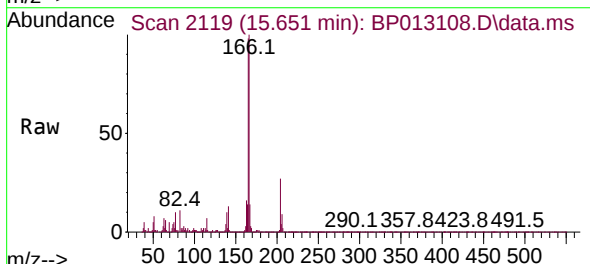
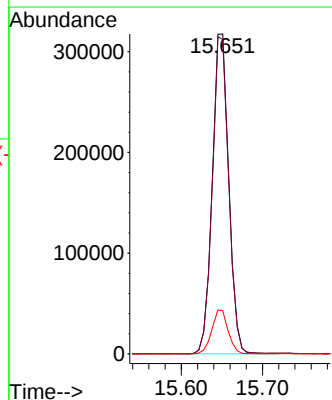
Manual Integrations
APPROVED

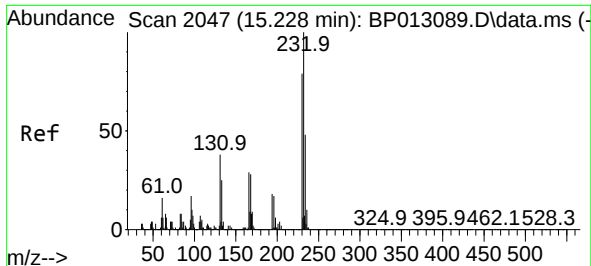
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#58
Fluorene
Concen: 6.774 ng
RT: 15.651 min Scan# 2119
Delta R.T. -0.000 min
Lab File: BP013108.D
Acq: 14 Dec 2022 16:35

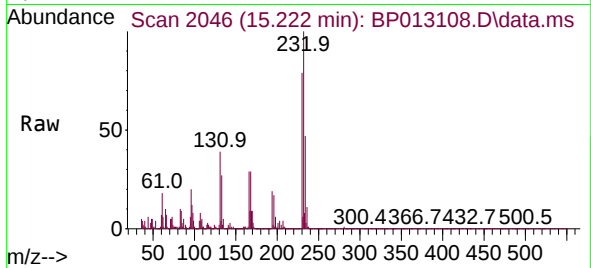
Tgt Ion:166 Resp: 448674
Ion Ratio Lower Upper
166 100
165 98.2 78.2 117.4
167 13.5 11.2 16.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 5.958 ng
RT: 15.222 min Scan# 2046
Delta R.T. -0.006 min
Lab File: BP013108.D
Acq: 14 Dec 2022 16:35

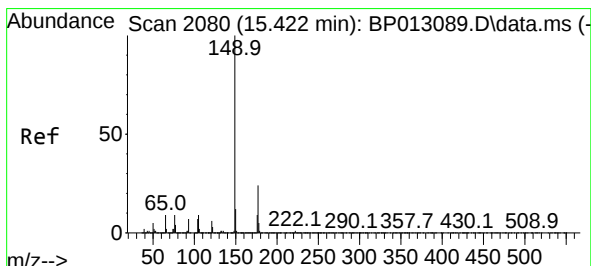
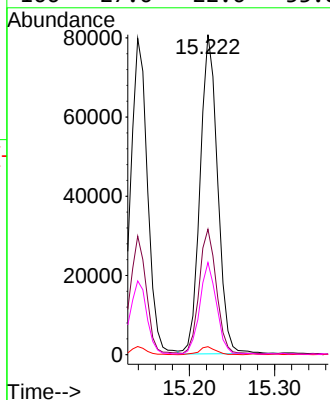
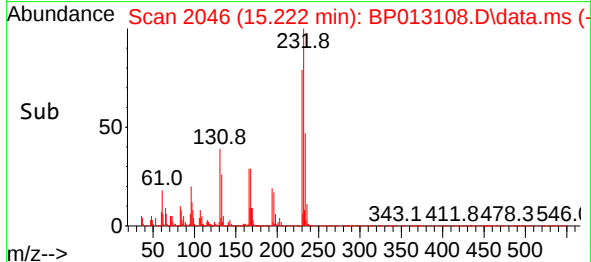
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2022



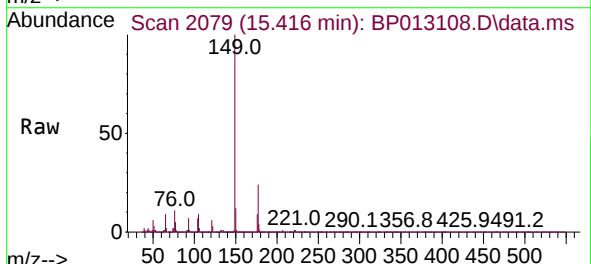
Tgt Ion:232 Resp: 115169
Ion Ratio Lower Upper
232 100
131 38.8 30.8 46.2
130 2.3 1.7 2.5
166 27.6 22.6 33.8

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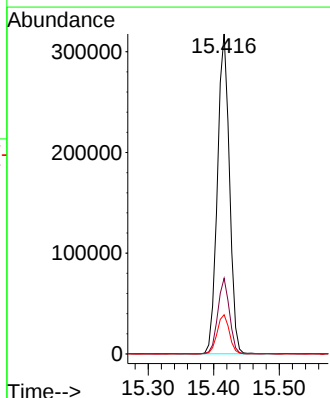
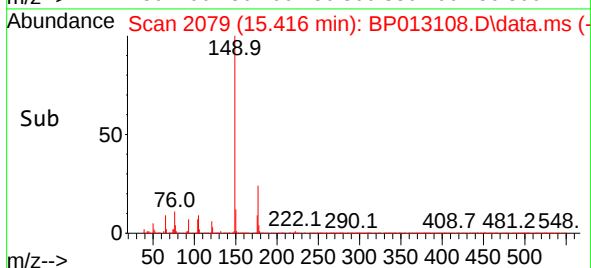
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022

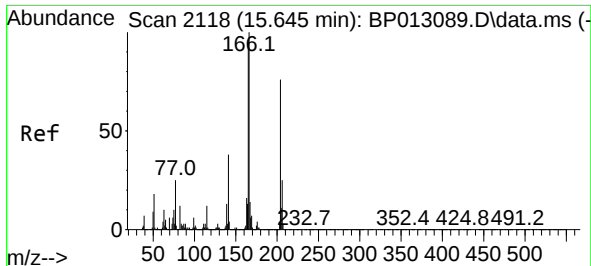


#60
Diethylphthalate
Concen: 6.478 ng
RT: 15.416 min Scan# 2079
Delta R.T. -0.006 min
Lab File: BP013108.D
Acq: 14 Dec 2022 16:35



Tgt Ion:149 Resp: 405322
Ion Ratio Lower Upper
149 100
177 23.6 19.0 28.4
150 12.2 9.9 14.9





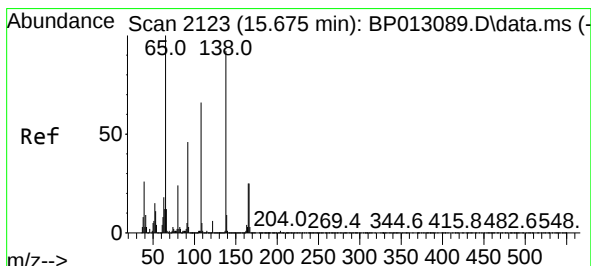
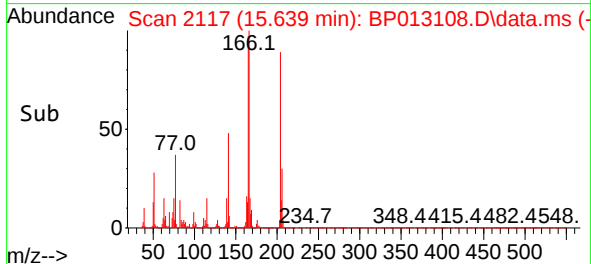
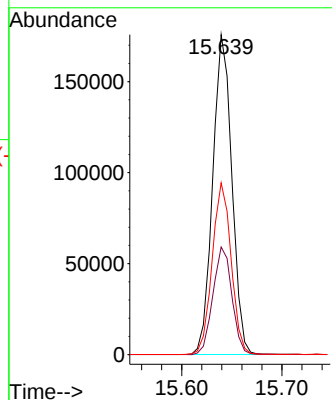
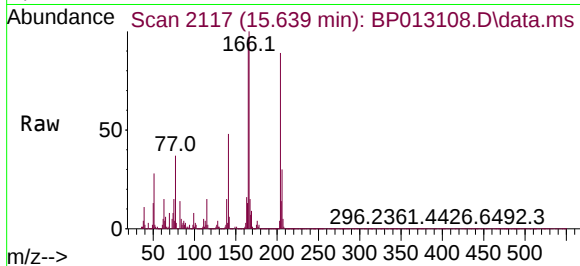
#61
4-Chlorophenyl-phenylether
Concen: 6.809 ng
RT: 15.639 min Scan# 2117
Delta R.T. -0.006 min
Lab File: BP013108.D
Acq: 14 Dec 2022 16:35

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

Tgt Ion:204 Resp: 23338
Ion Ratio Lower Upper
204 100
206 33.6 26.6 39.8
141 53.7 39.9 59.9

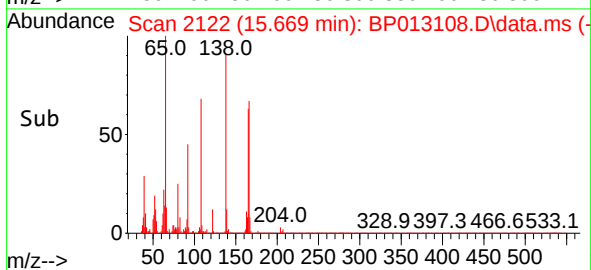
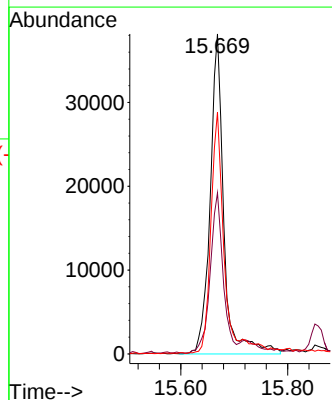
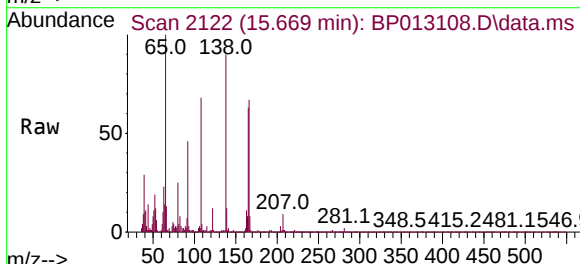
Manual Integrations
APPROVED

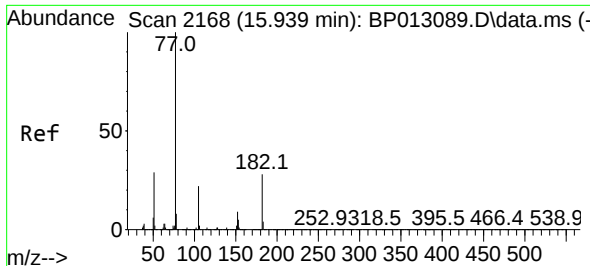
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#62
4-Nitroaniline
Concen: 5.122 ng m
RT: 15.669 min Scan# 2122
Delta R.T. -0.006 min
Lab File: BP013108.D
Acq: 14 Dec 2022 16:35

Tgt Ion:138 Resp: 67884
Ion Ratio Lower Upper
138 100
92 50.3 30.4 70.4
108 75.5 51.4 91.4





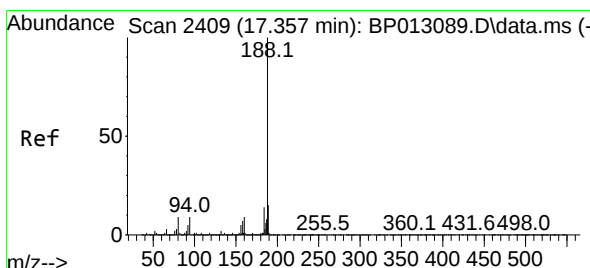
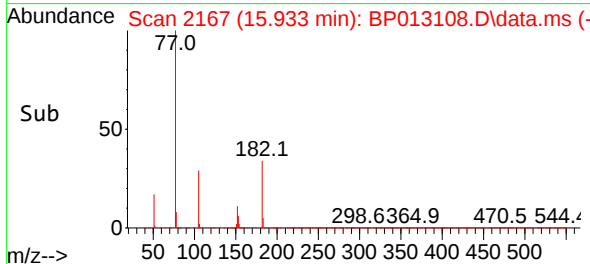
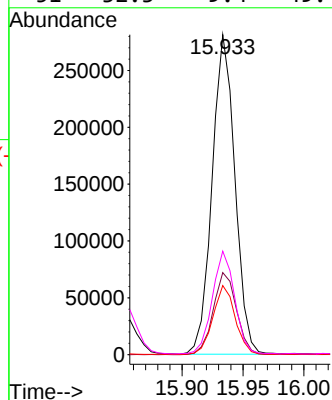
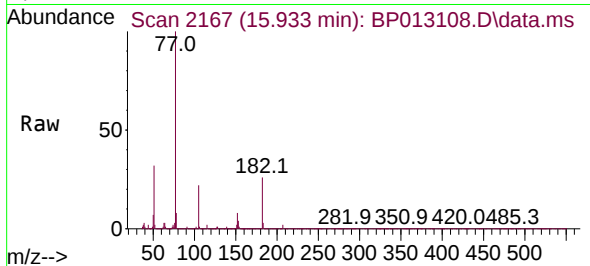
#63
Azobenzene
Concen: 6.294 ng
RT: 15.933 min Scan# 2168
Delta R.T. -0.006 min
Lab File: BP013108.D
Acq: 14 Dec 2022 16:35

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

Tgt Ion: 77 Resp: 365929
Ion Ratio Lower Upper
77 100
182 25.6 8.3 48.3
105 21.6 1.6 41.6
51 32.3 9.4 49.4

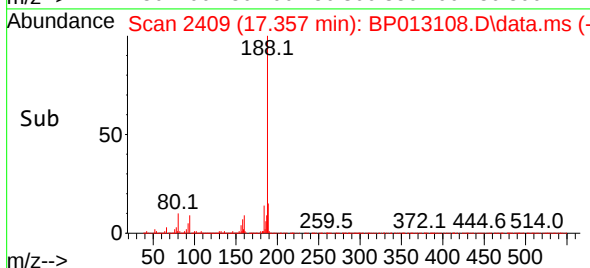
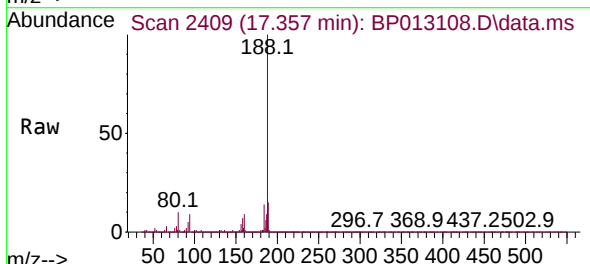
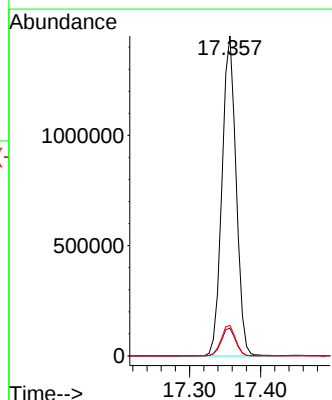
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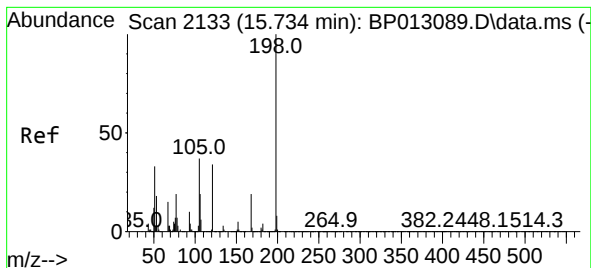
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.357 min Scan# 2409
Delta R.T. -0.000 min
Lab File: BP013108.D
Acq: 14 Dec 2022 16:35

Tgt Ion:188 Resp: 2012585
Ion Ratio Lower Upper
188 100
94 8.6 7.0 10.6
80 9.5 7.5 11.3





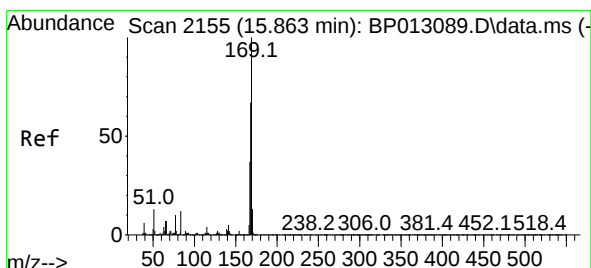
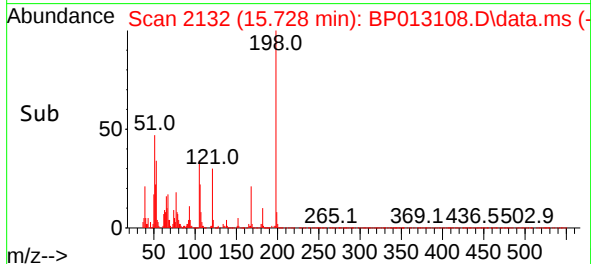
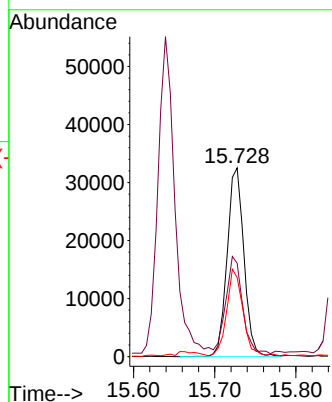
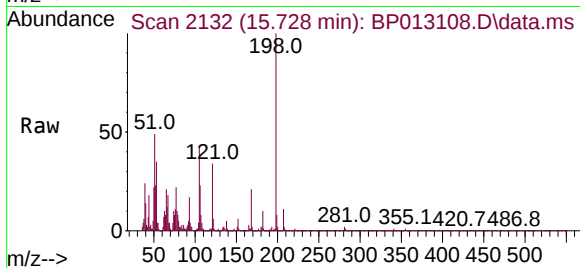
#65
4,6-Dinitro-2-methylphenol
Concen: 3.612 ng
RT: 15.728 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BP013108.D
Acq: 14 Dec 2022 16:35

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

Tgt Ion:198 Resp: 46700
Ion Ratio Lower Upper
198 100
51 49.5 18.9 58.9
105 41.8 18.2 58.2

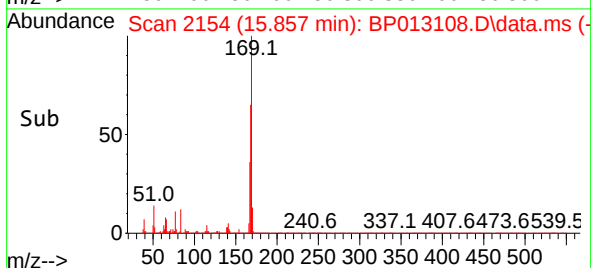
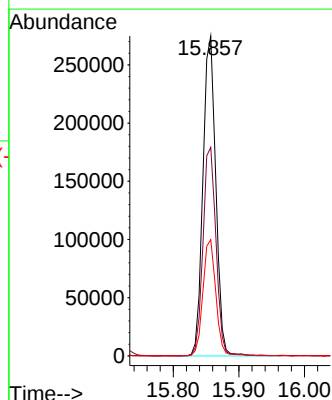
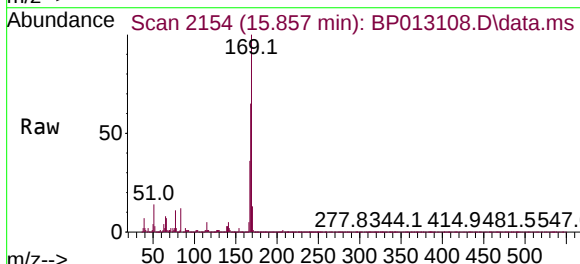
Manual Integrations
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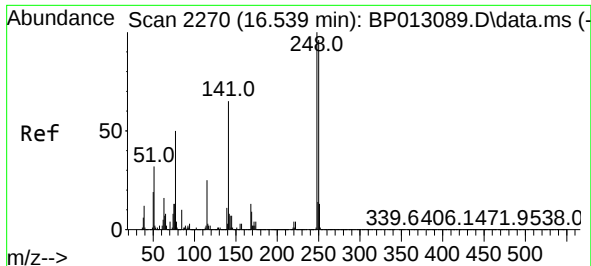
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#66
n-Nitrosodiphenylamine
Concen: 5.910 ng
RT: 15.857 min Scan# 2154
Delta R.T. -0.006 min
Lab File: BP013108.D
Acq: 14 Dec 2022 16:35

Tgt Ion:169 Resp: 371383
Ion Ratio Lower Upper
169 100
168 65.2 53.4 80.2
167 36.3 29.4 44.0





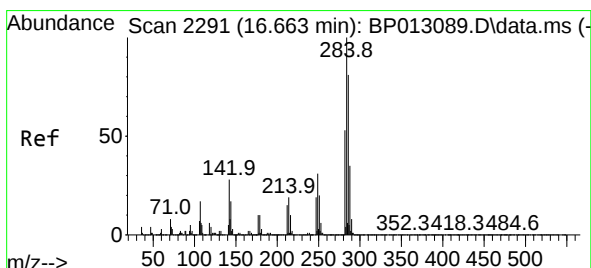
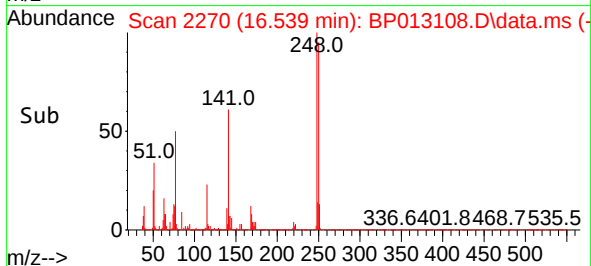
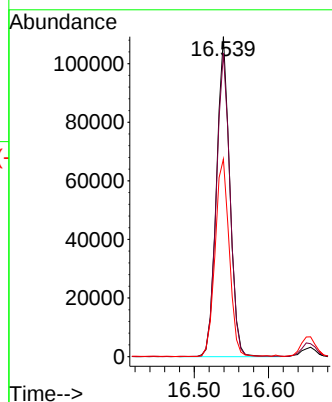
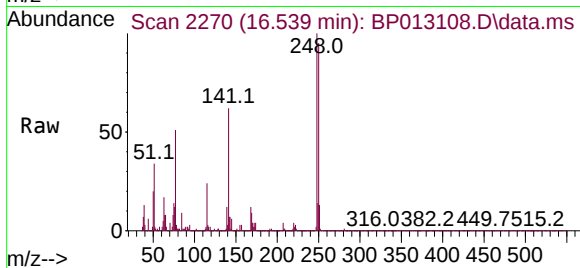
#67
4-Bromophenyl-phenylether
Concen: 5.722 ng
RT: 16.539 min Scan# 2270
Delta R.T. -0.000 min
Lab File: BP013108.D
Acq: 14 Dec 2022 16:35

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

Tgt Ion:248 Resp: 13617
Ion Ratio Lower Upper
248 100
250 94.9 76.4 114.6
141 61.7 51.8 77.6

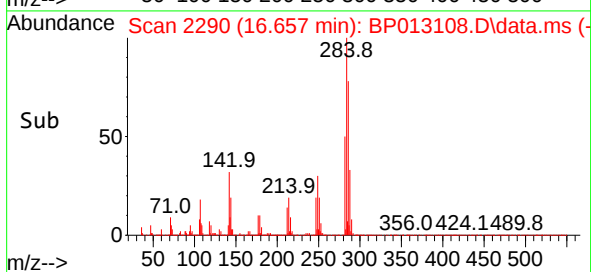
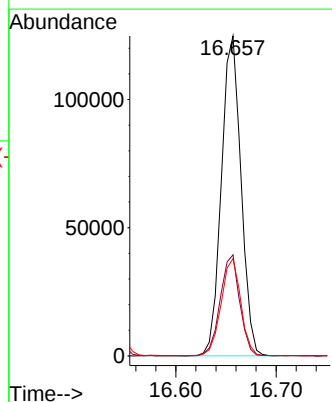
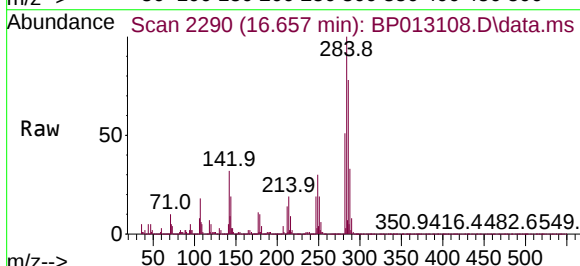
Manual Integrations
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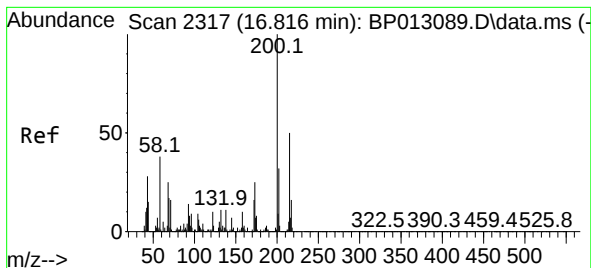
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#68
Hexachlorobenzene
Concen: 6.095 ng
RT: 16.657 min Scan# 2290
Delta R.T. -0.006 min
Lab File: BP013108.D
Acq: 14 Dec 2022 16:35

Tgt Ion:284 Resp: 169848
Ion Ratio Lower Upper
284 100
142 31.6 22.6 34.0
249 30.4 24.5 36.7





#69

Atrazine

Concen: 6.824 ng

RT: 16.804 min Scan# 2317

Delta R.T. -0.012 min

Lab File: BP013108.D

Acq: 14 Dec 2022 16:35

Instrument :

BNA_P

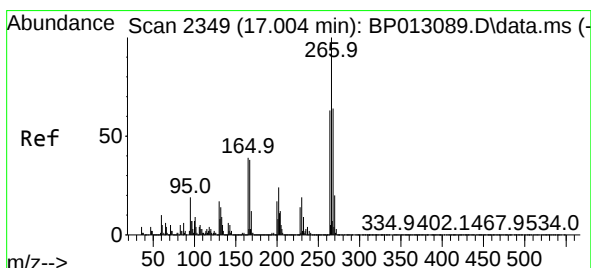
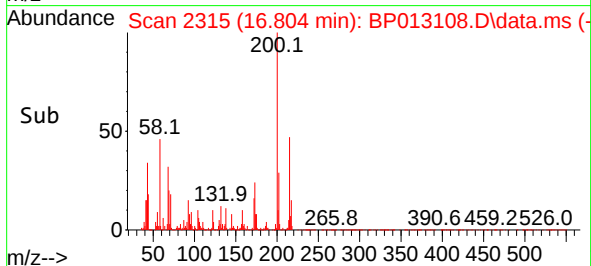
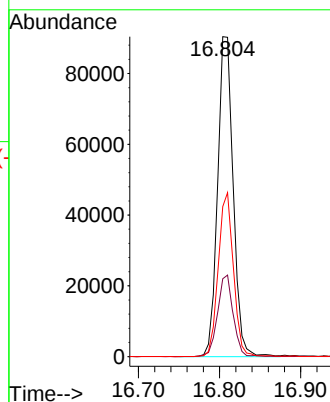
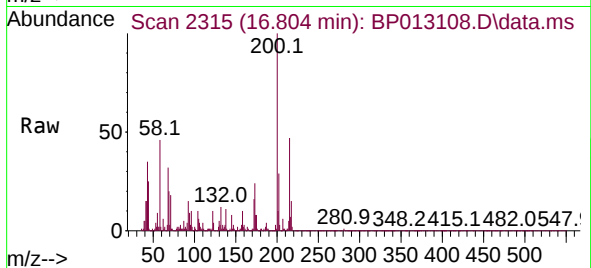
ClientSampleId :

MDL-WATER-03-QT4-2022

Tgt Ion:200 Resp: 120304
 Ion Ratio Lower Upper
 200 100
 173 24.4 4.7 44.7
 215 46.9 29.5 69.5

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



#70

Pentachlorophenol

Concen: 4.857 ng

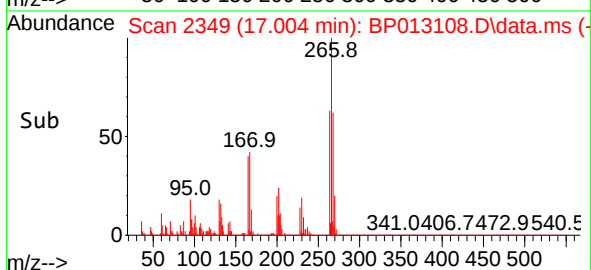
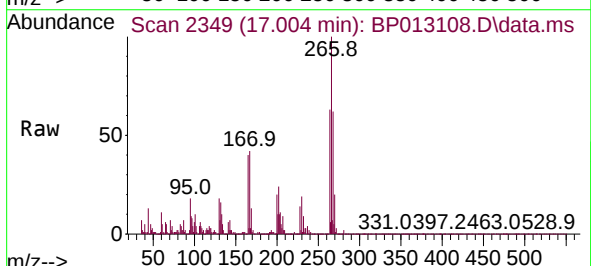
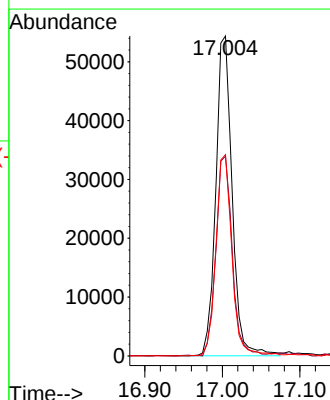
RT: 17.004 min Scan# 2349

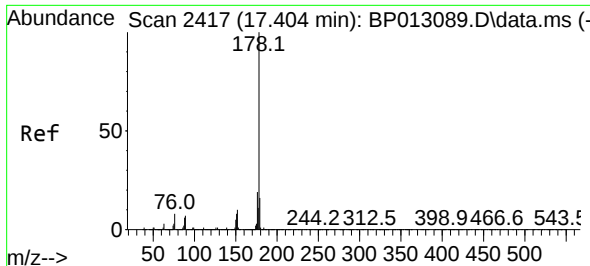
Delta R.T. -0.000 min

Lab File: BP013108.D

Acq: 14 Dec 2022 16:35

Tgt Ion:266 Resp: 79696
 Ion Ratio Lower Upper
 266 100
 268 62.4 50.9 76.3
 264 62.9 50.6 76.0





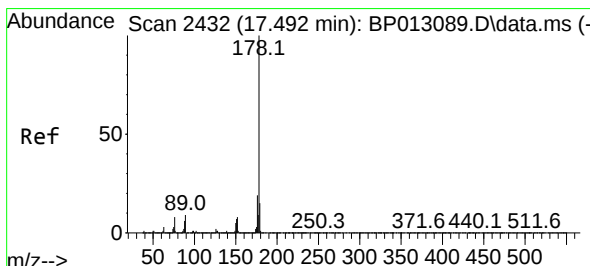
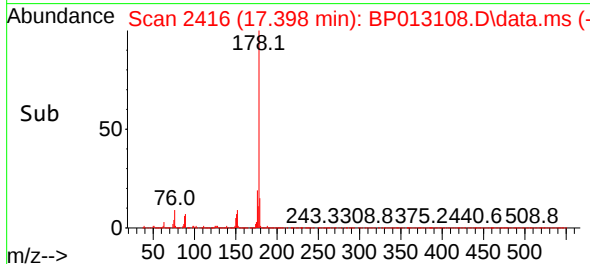
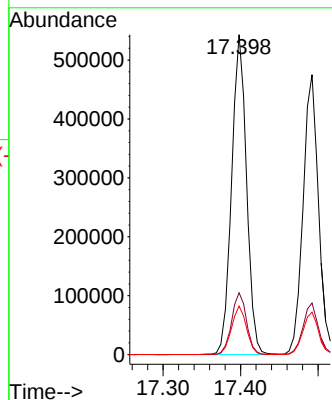
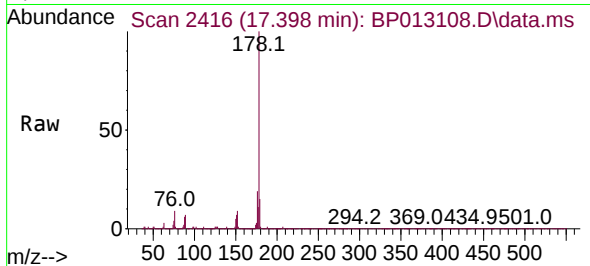
#71
Phenanthrene
Concen: 6.366 ng
RT: 17.398 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BP013108.D
Acq: 14 Dec 2022 16:35

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

Tgt Ion:178 Resp: 729078
Ion Ratio Lower Upper
178 100
176 19.3 15.5 23.3
179 15.2 12.6 18.8

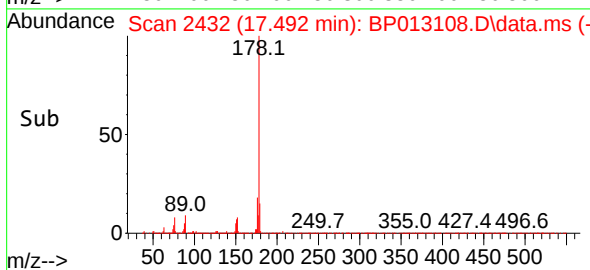
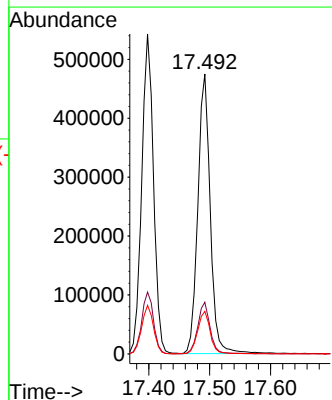
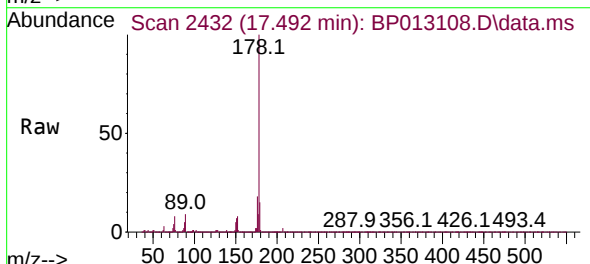
Manual Integrations
APPROVED

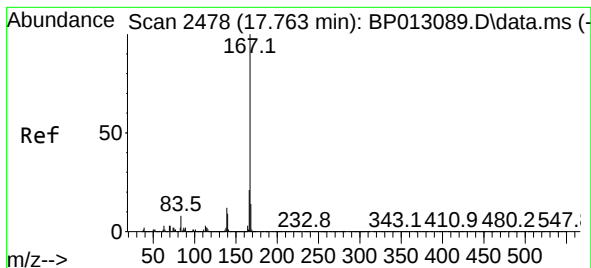
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#72
Anthracene
Concen: 6.242 ng
RT: 17.492 min Scan# 2432
Delta R.T. -0.000 min
Lab File: BP013108.D
Acq: 14 Dec 2022 16:35

Tgt Ion:178 Resp: 671117
Ion Ratio Lower Upper
178 100
176 18.4 14.8 22.2
179 15.2 12.4 18.6





#73

Carbazole

Concen: 6.403 ng

RT: 17.757 min Scan# 2478

Delta R.T. -0.006 min

Lab File: BP013108.D

Acq: 14 Dec 2022 16:35

Instrument :

BNA_P

ClientSampleId :

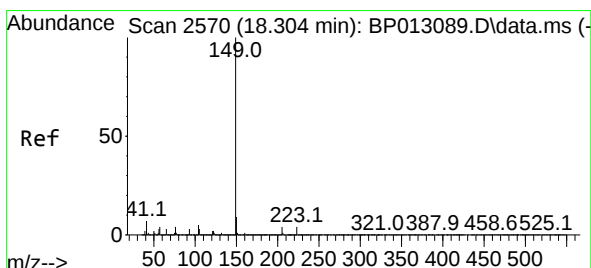
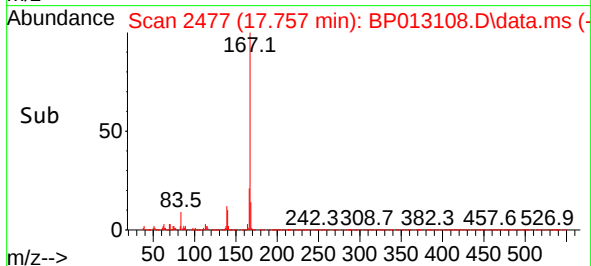
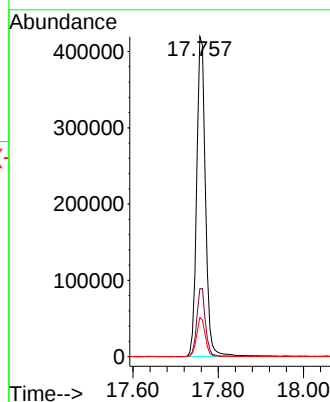
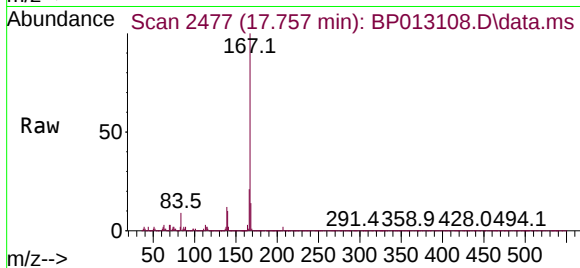
MDL-WATER-03-QT4-2022

Tgt Ion:	167	Resp:	603529
Ion Ratio	Lower	Upper	
167	100		
166	21.2	17.1	25.7
139	12.2	9.7	14.5

Manual Integrations

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



#74

Di-n-butylphthalate

Concen: 5.520 ng

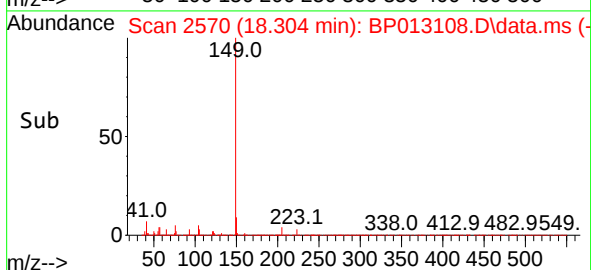
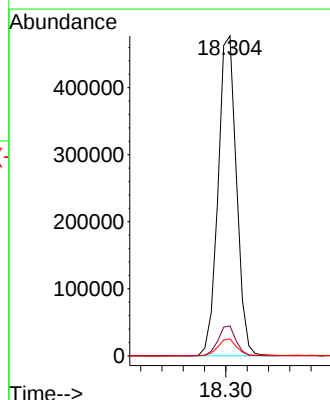
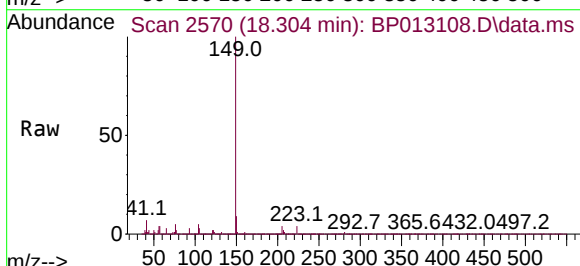
RT: 18.304 min Scan# 2570

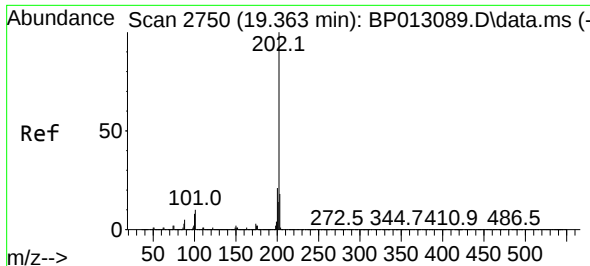
Delta R.T. -0.000 min

Lab File: BP013108.D

Acq: 14 Dec 2022 16:35

Tgt Ion:	149	Resp:	572246
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.4	11.2
104	5.3	3.8	5.6





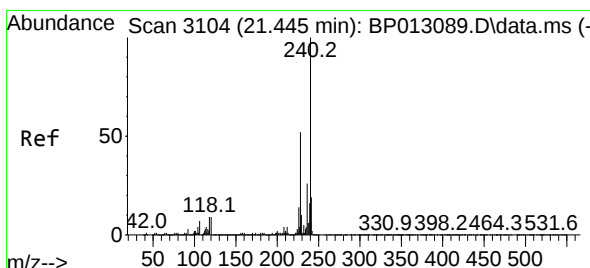
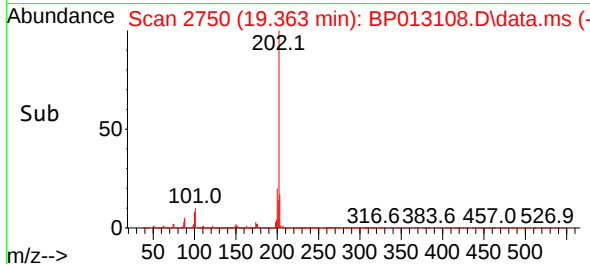
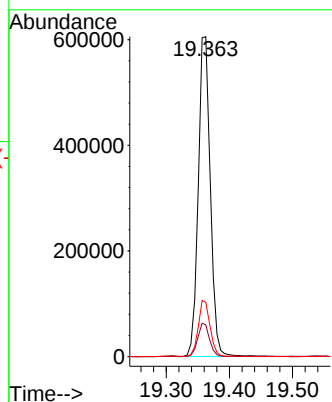
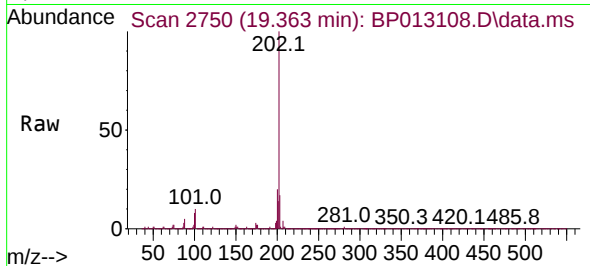
#75
Fluoranthene
Concen: 6.530 ng
RT: 19.363 min Scan# 2750
Delta R.T. -0.000 min
Lab File: BP013108.D
Acq: 14 Dec 2022 16:35

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

Tgt Ion:202 Resp: 804916
Ion Ratio Lower Upper
202 100
101 9.9 0.0 30.0
203 17.0 0.0 37.6

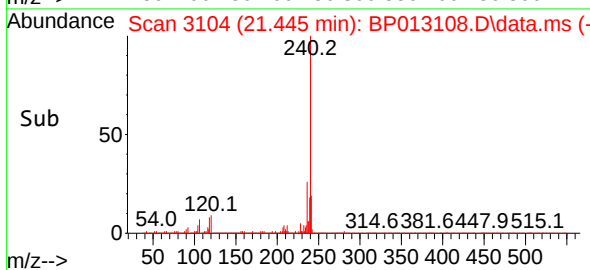
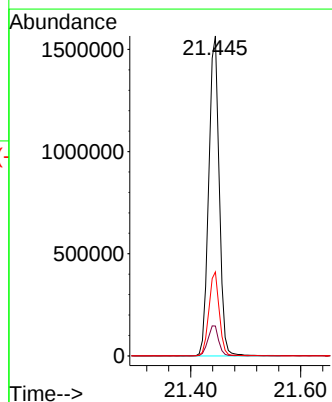
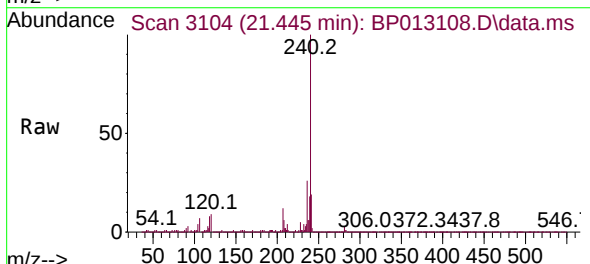
Manual Integrations
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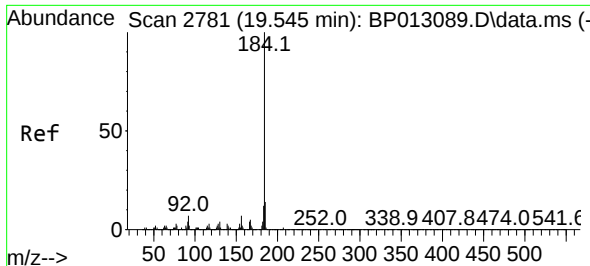
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.445 min Scan# 3104
Delta R.T. -0.000 min
Lab File: BP013108.D
Acq: 14 Dec 2022 16:35

Tgt Ion:240 Resp: 2066699
Ion Ratio Lower Upper
240 100
120 9.3 7.4 11.2
236 26.2 21.0 31.4





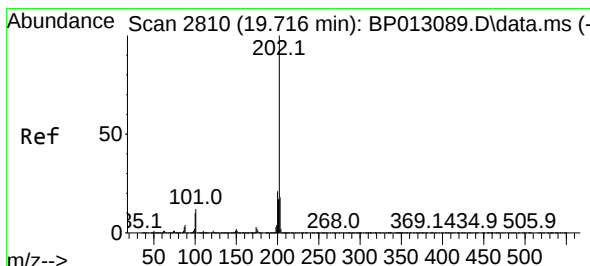
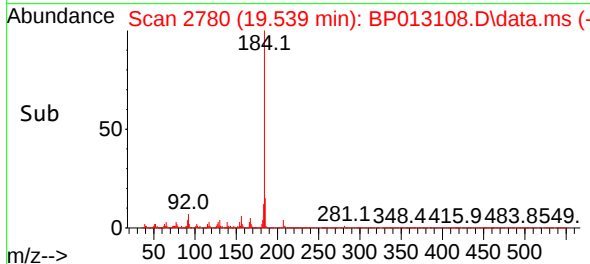
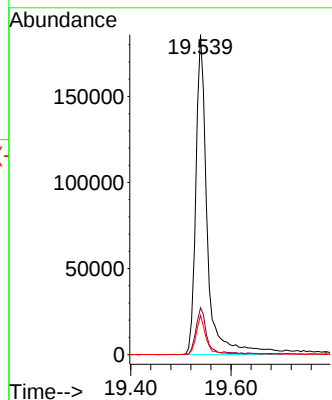
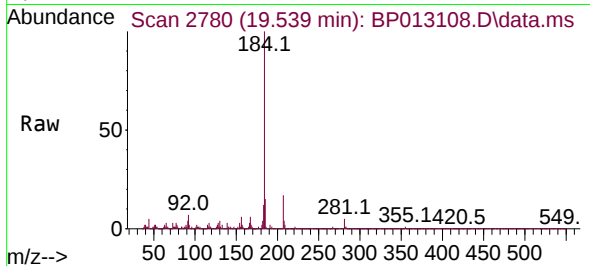
#77
Benzidine
Concen: 10.017 ng
RT: 19.539 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP013108.D
Acq: 14 Dec 2022 16:35

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

Tgt Ion:184 Resp: 29406
Ion Ratio Lower Upper
184 100
185 14.6 11.6 17.4
183 12.2 9.4 14.0

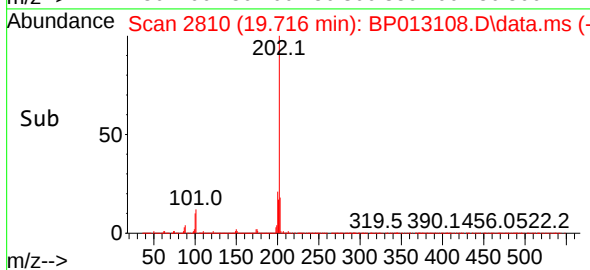
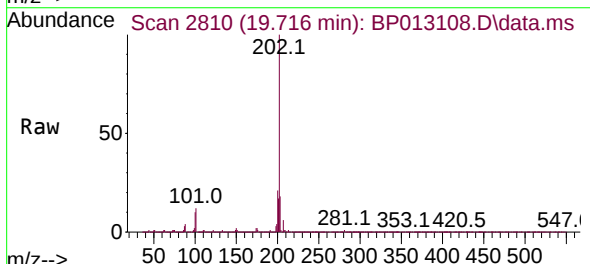
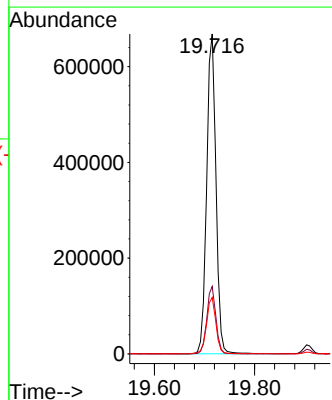
Manual Integrations
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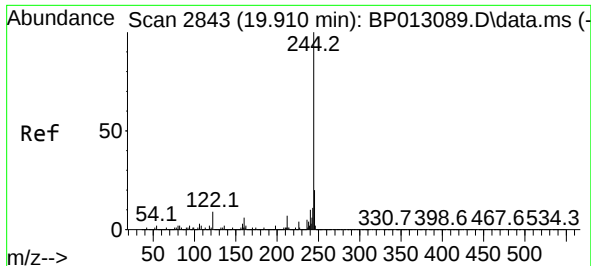
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#78
Pyrene
Concen: 5.788 ng
RT: 19.716 min Scan# 2810
Delta R.T. -0.000 min
Lab File: BP013108.D
Acq: 14 Dec 2022 16:35

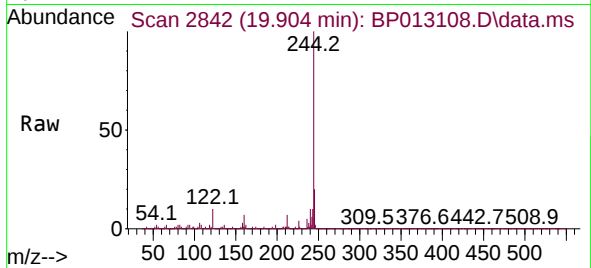
Tgt Ion:202 Resp: 859558
Ion Ratio Lower Upper
202 100
200 21.1 17.0 25.4
203 17.6 14.2 21.2





#79
 Terphenyl-d14
 Concen: 64.397 ng
 RT: 19.904 min Scan# 2843
 Delta R.T. -0.006 min
 Lab File: BP013108.D
 Acq: 14 Dec 2022 16:35

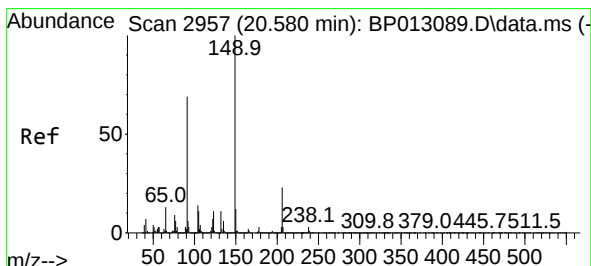
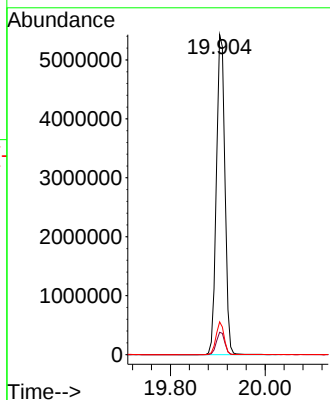
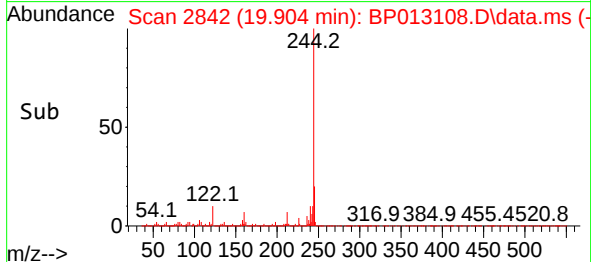
Instrument : BNA_P
 ClientSampleId :
 MDL-WATER-03-QT4-2022



Tgt Ion:244 Resp: 6745908
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.5 8.3
 122 10.3 7.2 10.8

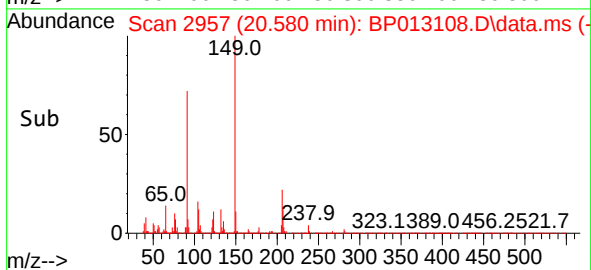
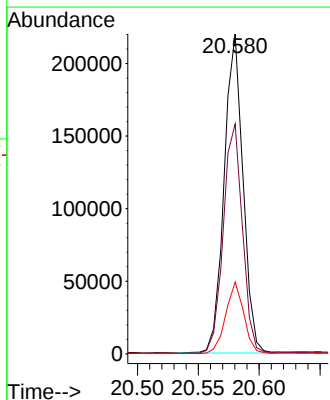
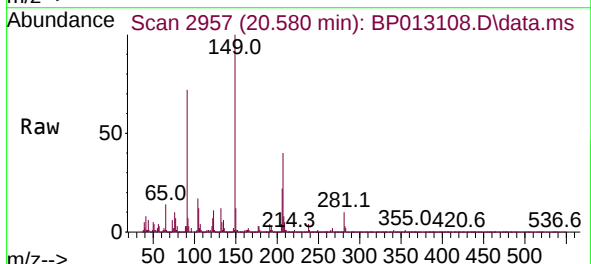
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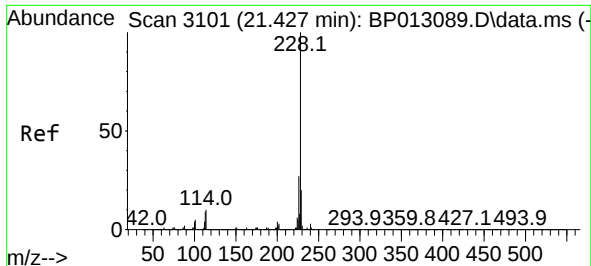
Reviewed By :Jagrut Upadhyay 12/15/2022
 Supervised By :mohammad ahmed 12/17/2022



#80
 Butylbenzylphthalate
 Concen: 4.919 ng
 RT: 20.580 min Scan# 2957
 Delta R.T. 0.000 min
 Lab File: BP013108.D
 Acq: 14 Dec 2022 16:35

Tgt Ion:149 Resp: 236827
 Ion Ratio Lower Upper
 149 100
 91 71.9 55.2 82.8
 206 22.4 18.3 27.5





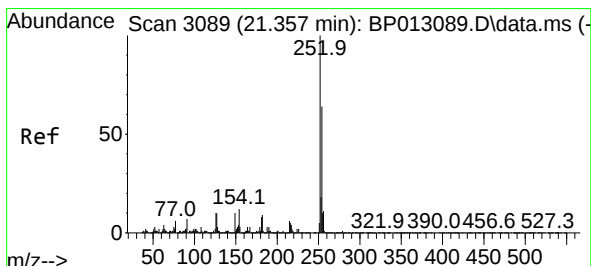
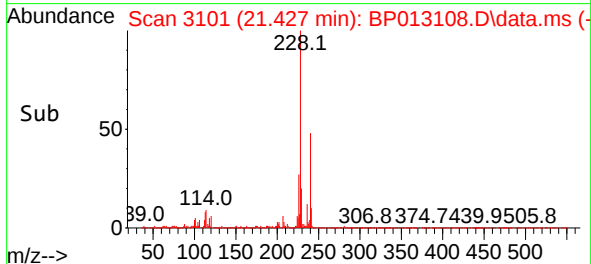
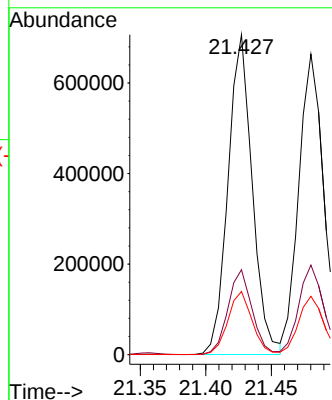
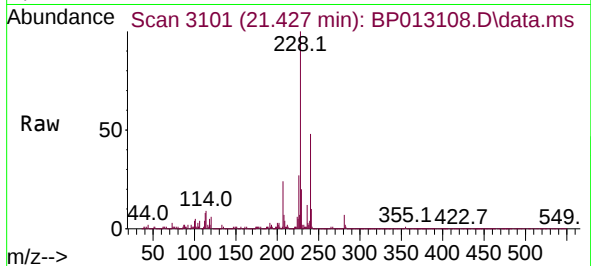
#81
Benzo(a)anthracene
Concen: 6.445 ng
RT: 21.427 min Scan# 3101
Delta R.T. 0.000 min
Lab File: BP013108.D
Acq: 14 Dec 2022 16:35

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

Tgt Ion:228 Resp: 910464
Ion Ratio Lower Upper
228 100
226 26.5 22.0 33.0
229 19.7 16.2 24.4

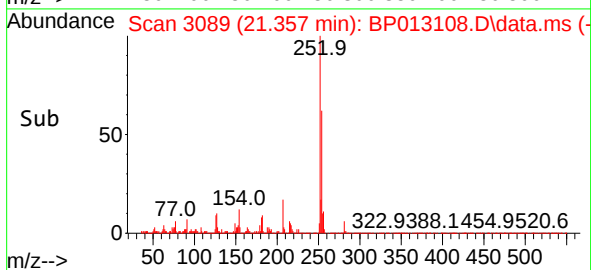
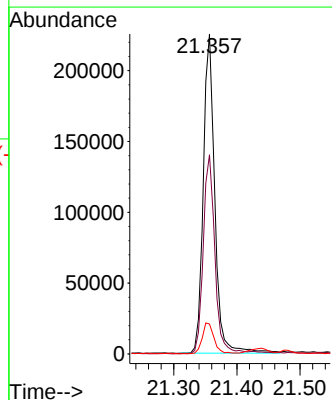
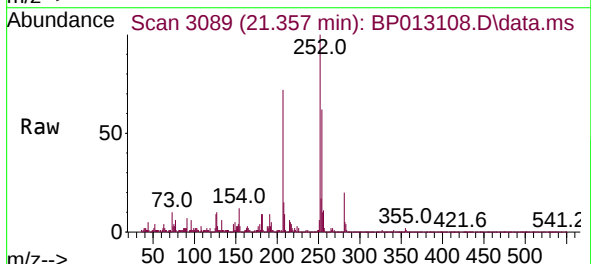
Manual Integrations
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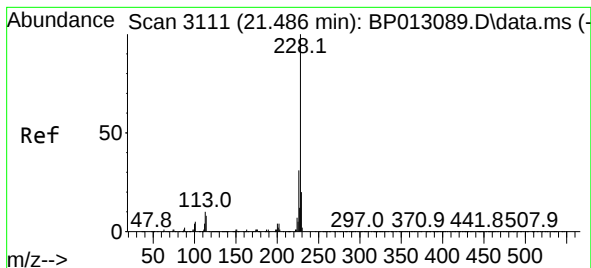
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#82
3,3'-Dichlorobenzidine
Concen: 6.786 ng
RT: 21.357 min Scan# 3089
Delta R.T. -0.000 min
Lab File: BP013108.D
Acq: 14 Dec 2022 16:35

Tgt Ion:252 Resp: 285467
Ion Ratio Lower Upper
252 100
254 62.2 51.0 76.4
126 9.3 7.8 11.8





#83

Chrysene

Concen: 6.404 ng

RT: 21.480 min Scan# 3111

Delta R.T. -0.006 min

Lab File: BP013108.D

Acq: 14 Dec 2022 16:35

Instrument :

BNA_P

ClientSampleId :

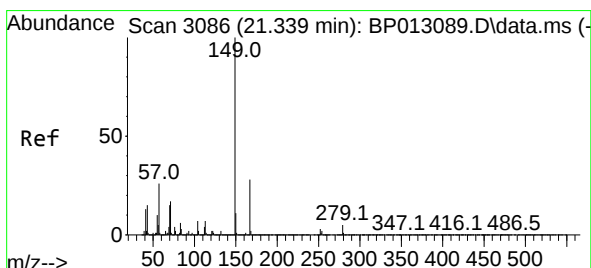
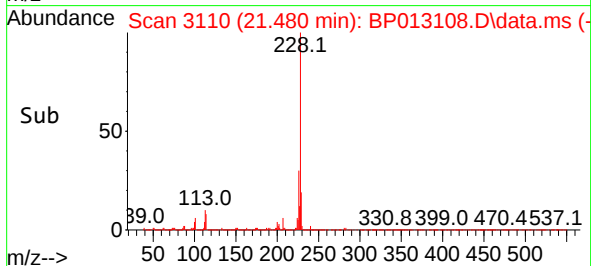
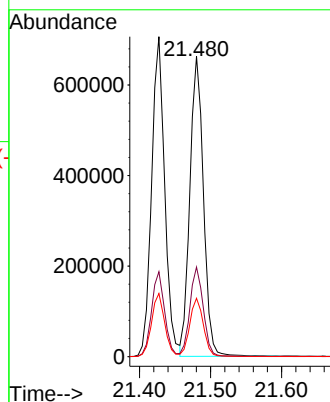
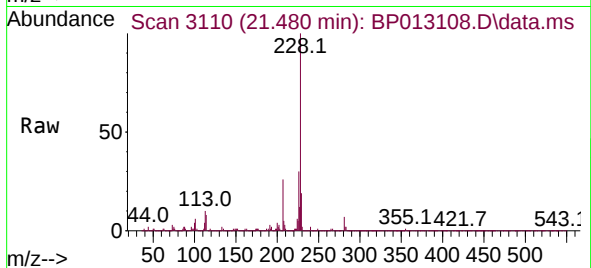
MDL-WATER-03-QT4-2022

Tgt Ion:228 Resp: 882449
 Ion Ratio Lower Upper
 228 100
 226 29.8 24.3 36.5
 229 19.4 16.0 24.0

Manual Integrations

APPROVED

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 5.146 ng

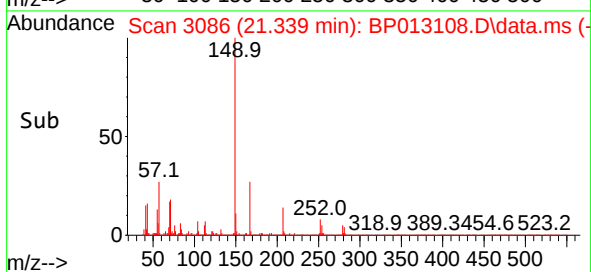
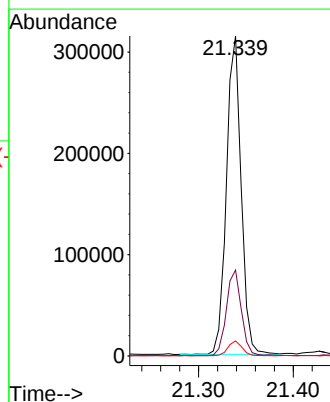
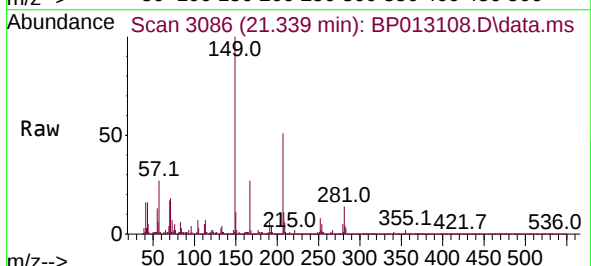
RT: 21.339 min Scan# 3086

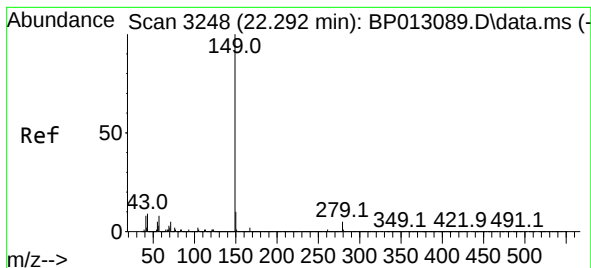
Delta R.T. -0.000 min

Lab File: BP013108.D

Acq: 14 Dec 2022 16:35

Tgt Ion:149 Resp: 337019
 Ion Ratio Lower Upper
 149 100
 167 26.8 22.6 34.0
 279 4.7 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 4.908 ng

RT: 22.292 min Scan# 3248

Delta R.T. -0.000 min

Lab File: BP013108.D

Acq: 14 Dec 2022 16:35

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT4-2022

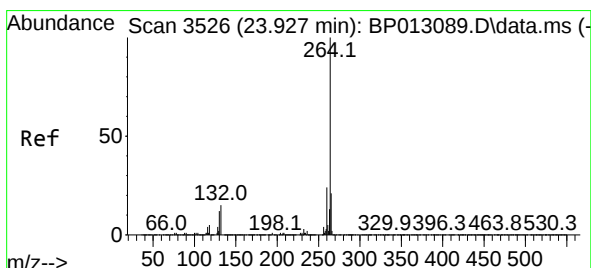
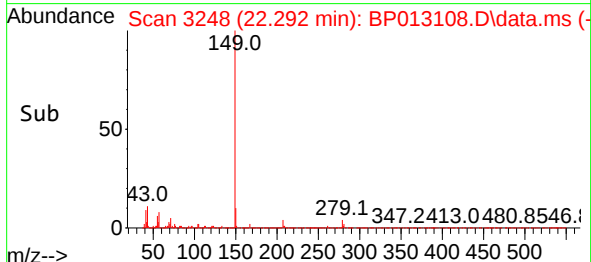
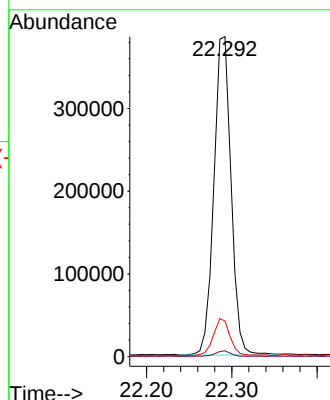
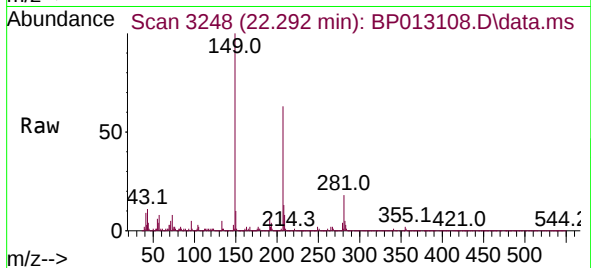
Tgt Ion:149 Resp: 539783

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	11.5	7.8	11.8

Manual Integrations

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



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.927 min Scan# 3526

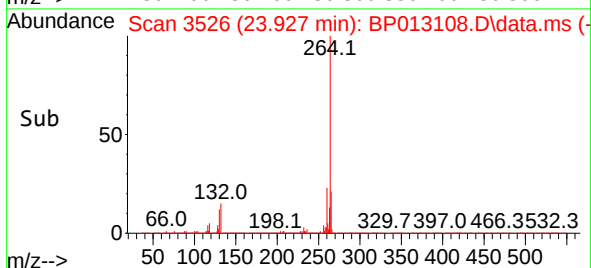
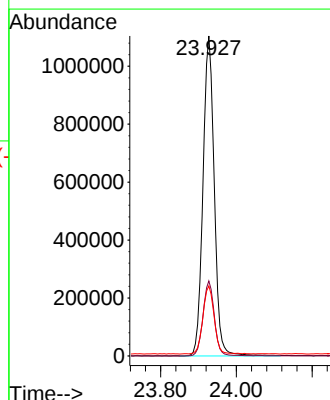
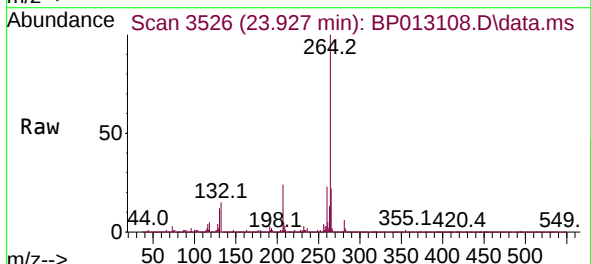
Delta R.T. -0.000 min

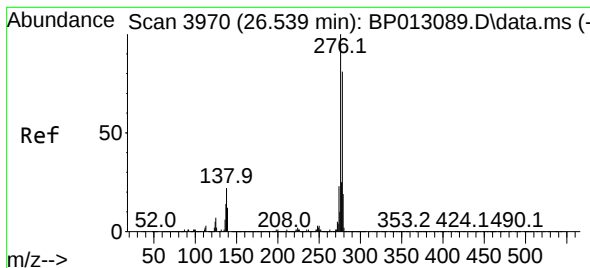
Lab File: BP013108.D

Acq: 14 Dec 2022 16:35

Tgt Ion:264 Resp: 2277222

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.1	28.7
265	21.9	17.7	26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 5.549 ng

RT: 26.521 min Scan# 3967

Delta R.T. -0.018 min

Lab File: BP013108.D

Acq: 14 Dec 2022 16:35

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT4-2022

Tgt Ion:276 Resp: 1032424

Ion Ratio Lower Upper

276 100

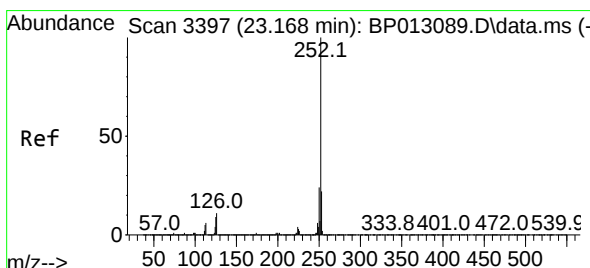
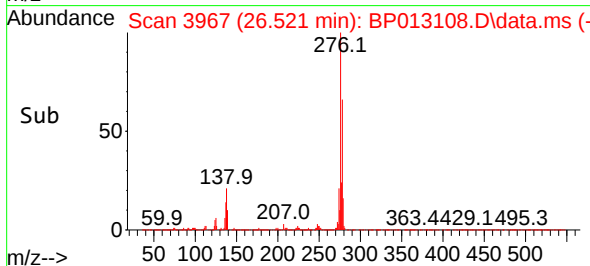
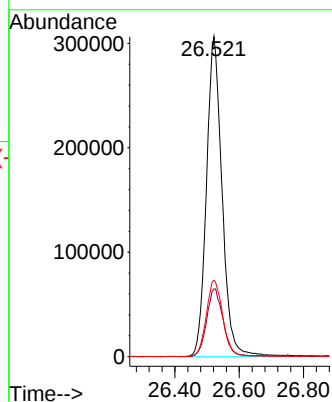
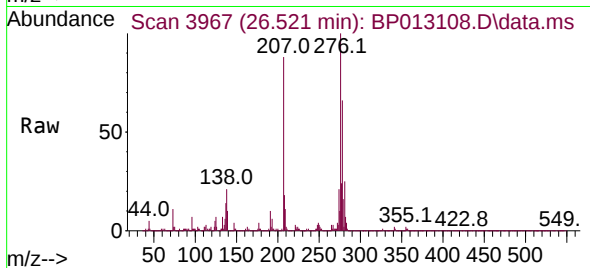
138 22.5 17.3 25.9

277 24.9 20.2 30.2

Manual Integrations

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



#88

Benzo(b)fluoranthene

Concen: 6.131 ng

RT: 23.162 min Scan# 3396

Delta R.T. -0.006 min

Lab File: BP013108.D

Acq: 14 Dec 2022 16:35

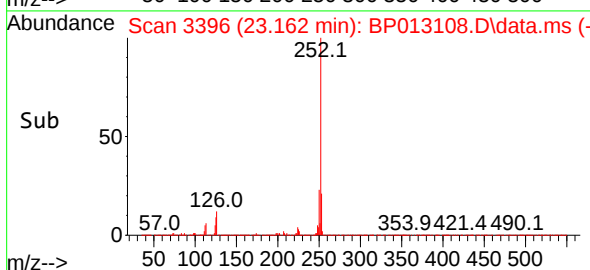
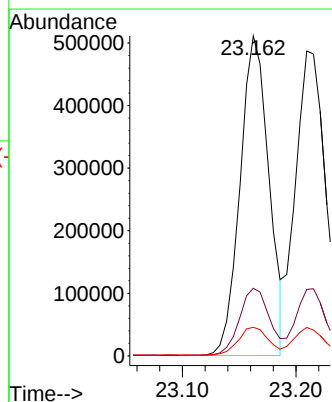
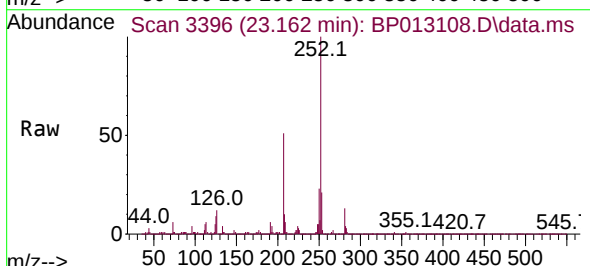
Tgt Ion:252 Resp: 898990

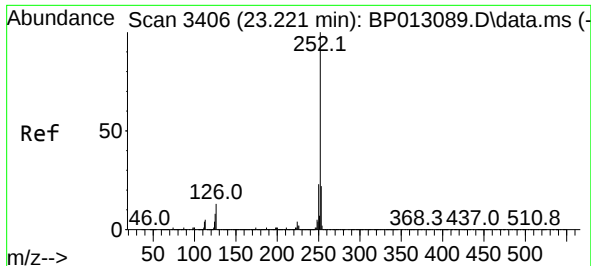
Ion Ratio Lower Upper

252 100

253 21.1 17.8 26.6

125 8.9 7.0 10.4





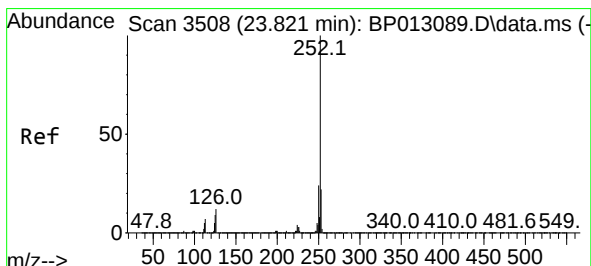
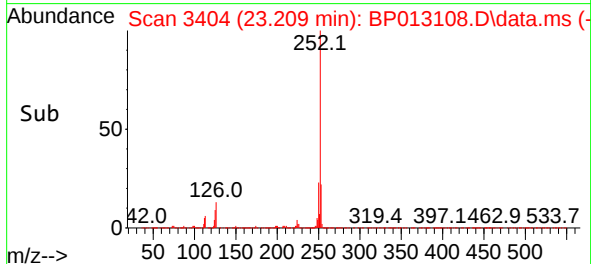
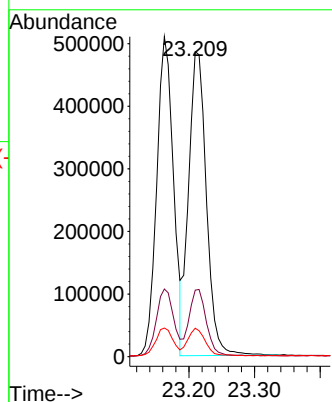
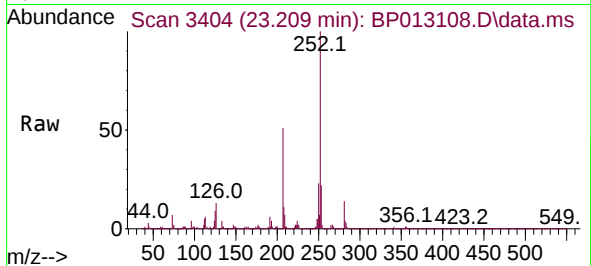
#89
Benzo(k)fluoranthene
Concen: 6.185 ng
RT: 23.209 min Scan# 3404
Delta R.T. -0.012 min
Lab File: BP013108.D
Acq: 14 Dec 2022 16:35

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

Tgt Ion:252 Resp: 917439
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 9.3 6.7 10.1

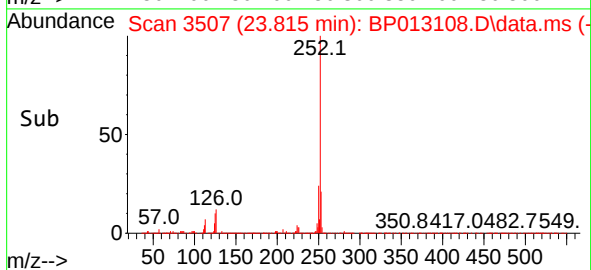
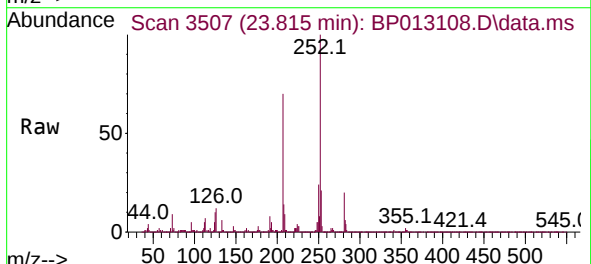
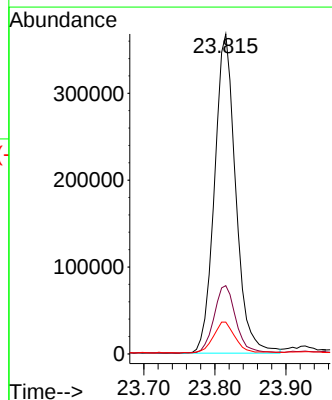
Manual Integrations
APPROVED

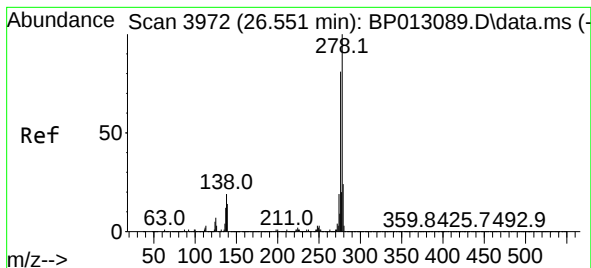
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#90
Benzo(a)pyrene
Concen: 6.212 ng
RT: 23.815 min Scan# 3507
Delta R.T. -0.006 min
Lab File: BP013108.D
Acq: 14 Dec 2022 16:35

Tgt Ion:252 Resp: 764289
Ion Ratio Lower Upper
252 100
253 21.3 17.5 26.3
125 9.9 7.4 11.2





#91

Dibenzo(a,h)anthracene

Concen: 5.830 ng

RT: 26.539 min Scan# 3972

Delta R.T. -0.012 min

Lab File: BP013108.D

Acq: 14 Dec 2022 16:35

Instrument :

BNA_P

ClientSampleId :

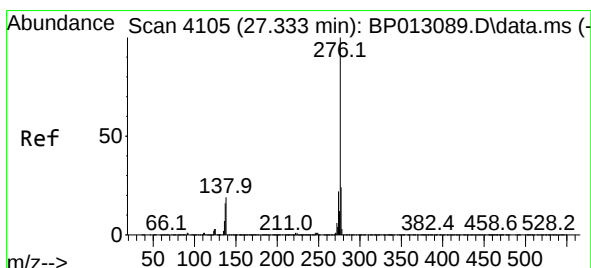
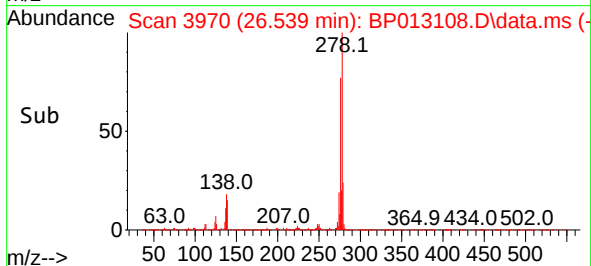
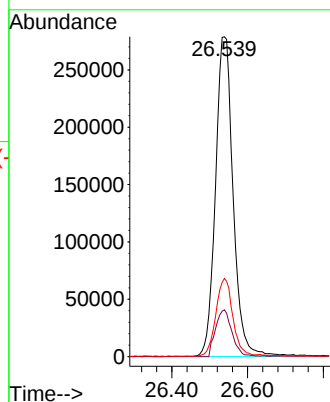
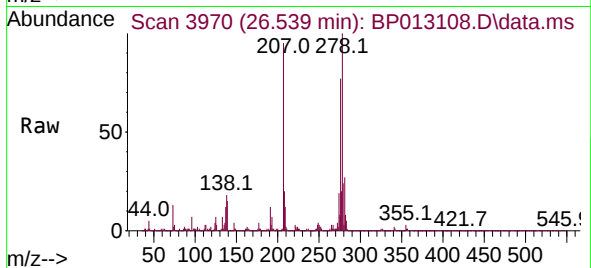
MDL-WATER-03-QT4-2022

Tgt Ion:	278	Resp:	901469
Ion Ratio	Lower	Upper	
278	100		
139	14.6	11.0	16.6
279	24.4	19.1	28.7

Manual Integrations

APPROVED

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



#92

Benzo(g,h,i)perylene

Concen: 5.757 ng

RT: 27.321 min Scan# 4103

Delta R.T. -0.012 min

Lab File: BP013108.D

Acq: 14 Dec 2022 16:35

Tgt Ion:	276	Resp:	882021
Ion Ratio	Lower	Upper	
276	100		
277	23.3	18.9	28.3
138	19.0	15.0	22.6

