

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052523\
 Data File : BP015289.D
 Acq On : 25 May 2023 13:25
 Operator : CG/JU
 Sample : 02213-08
 Misc : LOQ-WATER-10ppm
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOQ-WATER-02-QT2-2023

Quant Time: May 26 04:31:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 25 01:41:43 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 05/26/2023
 Supervised By : Jagrut Upadhyay 05/26/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.110	152	180094	20.000	ng	0.00
21) Naphthalene-d8	10.940	136	674138	20.000	ng	0.00
39) Acenaphthene-d10	14.757	164	404646	20.000	ng	0.00
64) Phenanthrene-d10	17.510	188	876759	20.000	ng	0.00
76) Chrysene-d12	21.592	240	871676	20.000	ng	0.00
86) Perylene-d12	24.151	264	1020488	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.634	112	1237837	113.894	ng	0.00
7) Phenol-d6	7.263	99	1578399	110.818	ng	0.00
23) Nitrobenzene-d5	9.287	82	1136223	82.294	ng	0.00
42) 2,4,6-Tribromophenol	16.251	330	624098	113.496	ng	0.00
45) 2-Fluorobiphenyl	13.381	172	2419597	80.278	ng	0.00
79) Terphenyl-d14	20.051	244	3525993	76.086	ng	0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.452	88	49693	10.323	ng	96
3) Pyridine	3.881	79	105253	8.556	ng	97
4) n-Nitrosodimethylamine	3.787	42	52249	9.100	ng	100
6) Aniline	7.434	93	176588	9.809	ng	99
8) 2-Chlorophenol	7.669	128	110786	9.755	ng	98
9) Benzaldehyde	7.240	77	103247	10.953	ng	99
10) Phenol	7.287	94	140119	9.823	ng	97
11) bis(2-Chloroethyl)ether	7.528	93	117921	9.863	ng	99
12) 1,3-Dichlorobenzene	7.999	146	131988	10.444	ng	99
13) 1,4-Dichlorobenzene	8.146	146	132398	10.408	ng	98
14) 1,2-Dichlorobenzene	8.469	146	125222	10.317	ng	99
15) Benzyl Alcohol	8.357	79	90205	9.074	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.646	45	158067m	10.253	ng	
17) 2-Methylphenol	8.557	107	90200	8.886	ng	96
18) Hexachloroethane	9.204	117	47908	9.993	ng	100
19) n-Nitroso-di-n-propyla...	8.922	70	87238	9.570	ng	98
20) 3+4-Methylphenols	8.887	107	119456	8.710	ng	99
22) Acetophenone	8.946	105	180801	10.326	ng	# 99
24) Nitrobenzene	9.334	77	135952	9.889	ng	98
25) Isophorone	9.857	82	230078	9.286	ng	98
26) 2-Nitrophenol	10.051	139	52710	8.735	ng	99
27) 2,4-Dimethylphenol	10.104	122	100044	9.889	ng	97
28) bis(2-Chloroethoxy)met...	10.340	93	151266	9.906	ng	100
29) 2,4-Dichlorophenol	10.587	162	96557	9.205	ng	98
30) 1,2,4-Trichlorobenzene	10.804	180	117854	10.073	ng	98
31) Naphthalene	10.993	128	353616	9.960	ng	100
32) Benzoic acid	10.181	122	41274m	10.813	ng	
33) 4-Chloroaniline	11.104	127	133088	9.067	ng	96
34) Hexachlorobutadiene	11.269	225	72959	9.842	ng	95
35) Caprolactam	11.875	113	27957	8.681	ng	98
36) 4-Chloro-3-methylphenol	12.216	107	105834	9.280	ng	96
37) 2-Methylnaphthalene	12.592	142	241519	9.571	ng	96
38) 1-Methylnaphthalene	12.810	142	226160	9.606	ng	98
40) 1,2,4,5-Tetrachloroben...	12.957	216	130928	9.861	ng	100
41) Hexachlorocyclopentadiene	12.934	237	69270	9.850	ng	96
43) 2,4,6-Trichlorophenol	13.192	196	77857	9.034	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.269	196	84707	8.361	ng	98
46) 1,1'-Biphenyl	13.592	154	326173	10.173	ng	99
47) 2-Chloronaphthalene	13.634	162	243518	10.069	ng	99
48) 2-Nitroaniline	13.845	65	60289	8.160	ng	98
49) Acenaphthylene	14.481	152	370752	9.580	ng	99
50) Dimethylphthalate	14.204	163	304124	9.607	ng	99
51) 2,6-Dinitrotoluene	14.328	165	61883	9.259	ng	95
52) Acenaphthene	14.822	154	226834	9.841	ng	99
53) 3-Nitroaniline	14.663	138	57111	8.360	ng	94
54) 2,4-Dinitrophenol	14.875	184	26166	10.628	ng	95
55) Dibenzofuran	15.157	168	373562	9.907	ng	97
56) 4-Nitrophenol	14.963	139	43472	10.362	ng	95
57) 2,4-Dinitrotoluene	15.122	165	77656	8.836	ng	99
58) Fluorene	15.804	166	291139	9.997	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.381	232	75535	9.322	ng	99
60) Diethylphthalate	15.563	149	300247	9.521	ng	99
61) 4-Chlorophenyl-phenyle...	15.792	204	146337	9.814	ng	99
62) 4-Nitroaniline	15.828	138	54061	9.312	ng	94
63) Azobenzene	16.086	77	285522	9.491	ng	100
65) 4,6-Dinitro-2-methylph...	15.886	198	42894	8.055	ng	98
66) n-Nitrosodiphenylamine	16.010	169	250026	9.570	ng	99
67) 4-Bromophenyl-phenylether	16.692	248	88737	9.360	ng	98
68) Hexachlorobenzene	16.810	284	103927	9.954	ng	98
69) Atrazine	16.957	200	88128	10.564	ng	99
70) Pentachlorophenol	17.157	266	55029	7.691	ng	97
71) Phenanthrene	17.557	178	462015	9.887	ng	100
72) Anthracene	17.645	178	453670	9.694	ng	99
73) Carbazole	17.916	167	406797	9.816	ng	98
74) Di-n-butylphthalate	18.445	149	485101	9.115	ng	100
75) Fluoranthene	19.510	202	531767	9.741	ng	98
77) Benzidine	19.686	184	249691	18.089	ng	99
78) Pyrene	19.857	202	574285	9.208	ng	99
80) Butylbenzylphthalate	20.716	149	213858	8.091	ng	100
81) Benzo(a)anthracene	21.574	228	577078	9.528	ng	99
82) 3,3'-Dichlorobenzidine	21.504	252	214658	11.475	ng	100
83) Chrysene	21.627	228	555954	9.573	ng	99
84) Bis(2-ethylhexyl)phtha...	21.474	149	327494	8.413	ng	100
85) Di-n-octyl phthalate	22.445	149	555856	8.441	ng	99
87) Indeno(1,2,3-cd)pyrene	26.856	276	705423	9.537	ng	100
88) Benzo(b)fluoranthene	23.362	252	597736	9.634	ng	99
89) Benzo(k)fluoranthene	23.410	252	600348	9.609	ng	98
90) Benzo(a)pyrene	24.033	252	525224	8.768	ng	99
91) Dibenzo(a,h)anthracene	26.880	278	580729	9.560	ng	99
92) Benzo(g,h,i)perylene	27.692	276	576014	9.333	ng	98

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

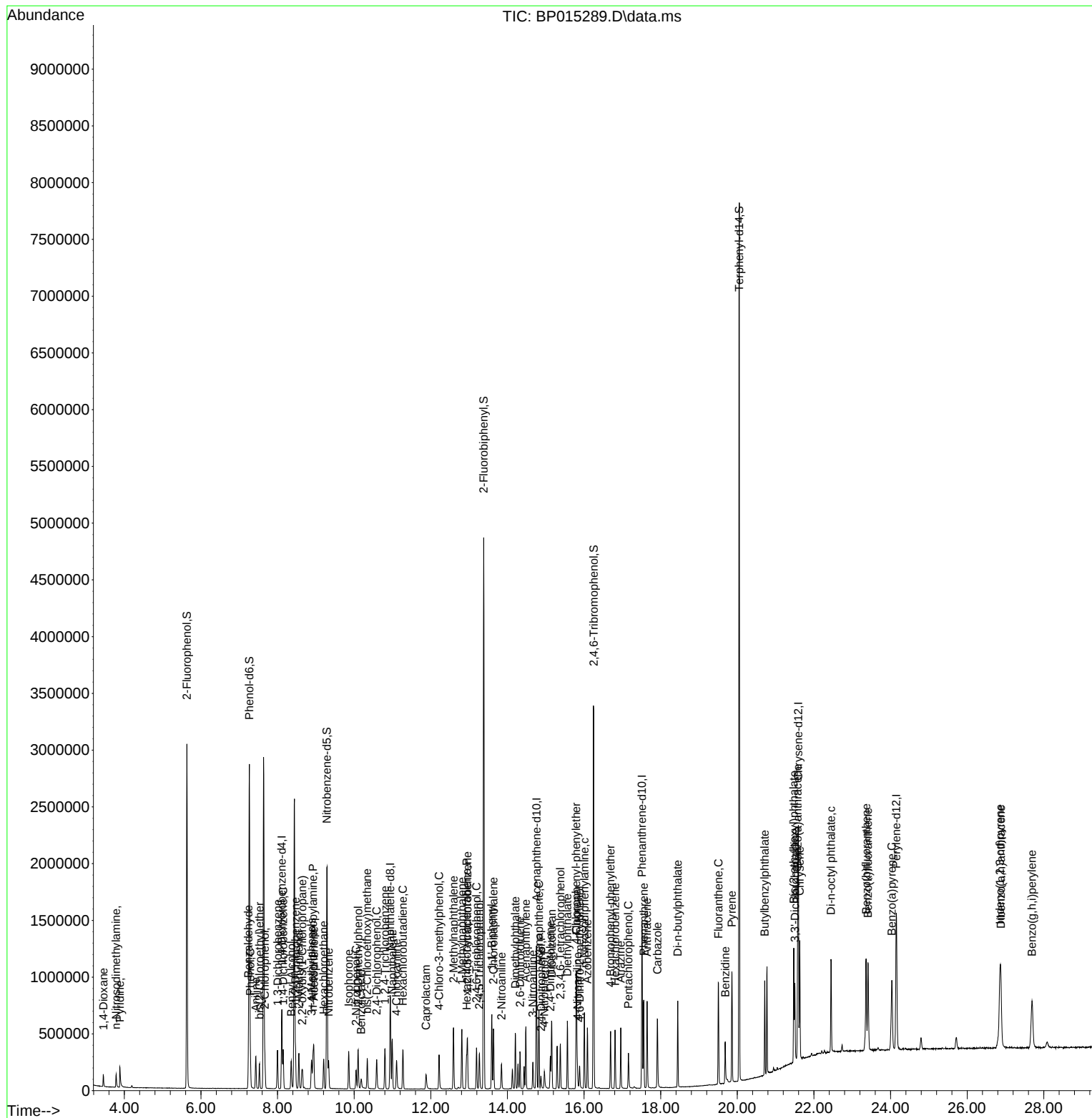
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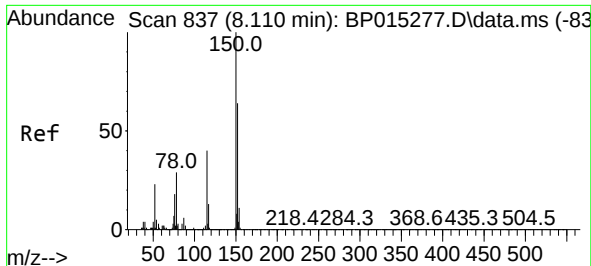
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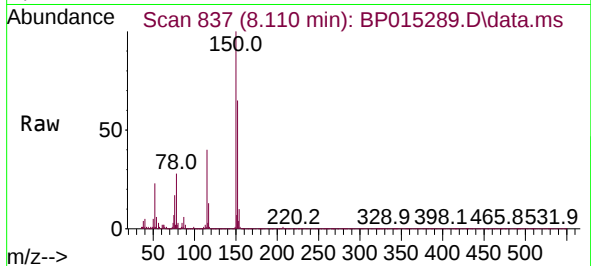
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.110 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP015289.D
Acq: 25 May 2023 13:25

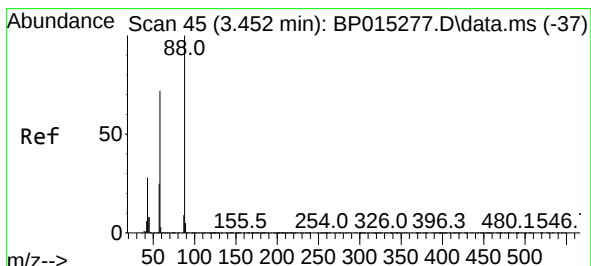
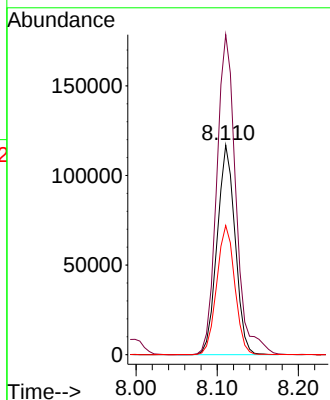
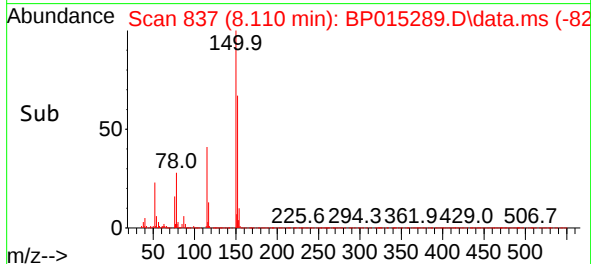
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2023



Tgt Ion:152 Resp: 180094
Ion Ratio Lower Upper
152 100
150 152.7 124.2 186.2
115 61.6 49.1 73.7

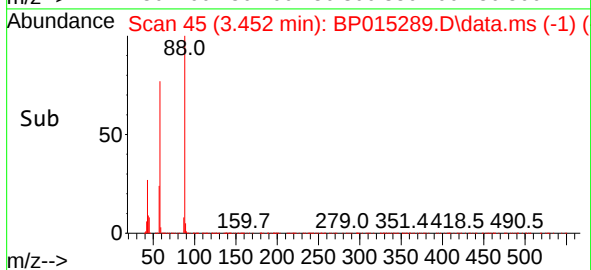
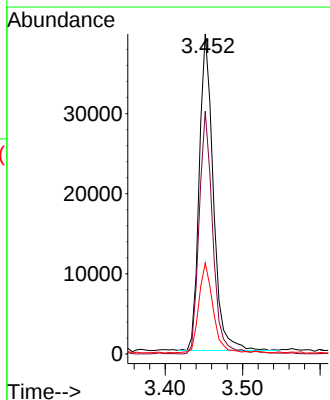
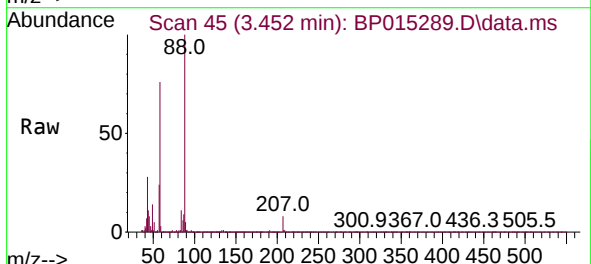
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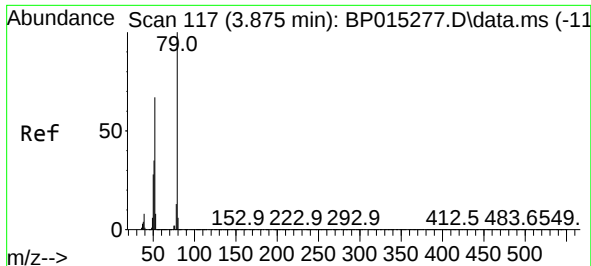
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#2
1,4-Dioxane
Concen: 10.323 ng
RT: 3.452 min Scan# 45
Delta R.T. -0.000 min
Lab File: BP015289.D
Acq: 25 May 2023 13:25

Tgt Ion: 88 Resp: 49693
Ion Ratio Lower Upper
88 100
58 74.0 56.2 84.4
43 28.3 22.1 33.1





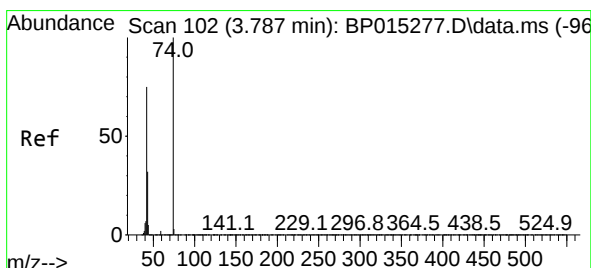
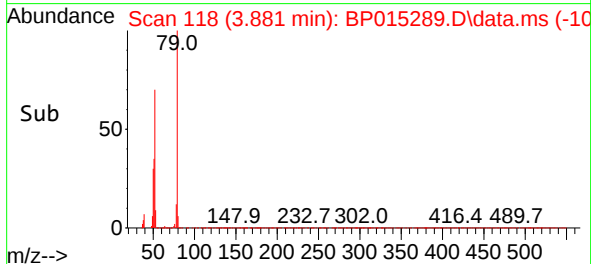
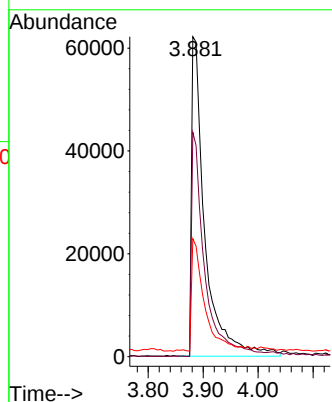
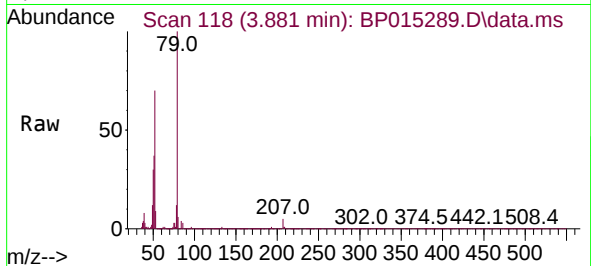
#3
Pyridine
Concen: 8.556 ng
RT: 3.881 min Scan# 117
Delta R.T. 0.006 min
Lab File: BP015289.D
Acq: 25 May 2023 13:25

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2023

Tgt Ion: 79 Resp: 10525
Ion Ratio Lower Upper
79 100
52 70.1 53.7 80.5
51 36.8 28.6 43.0

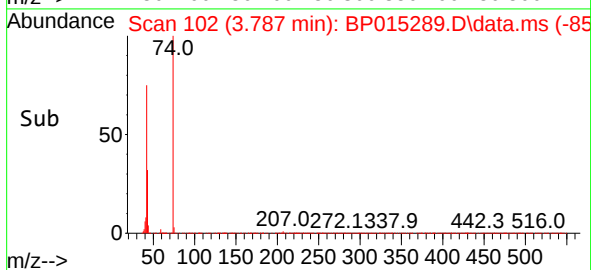
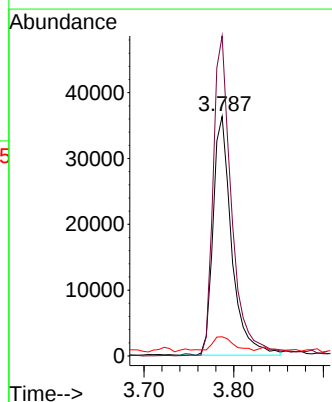
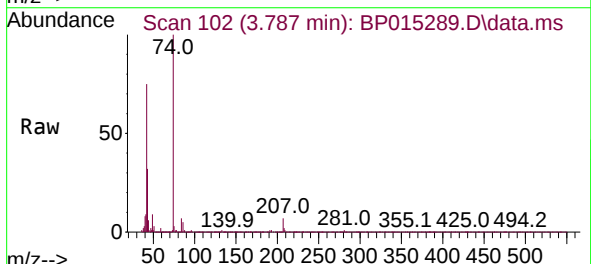
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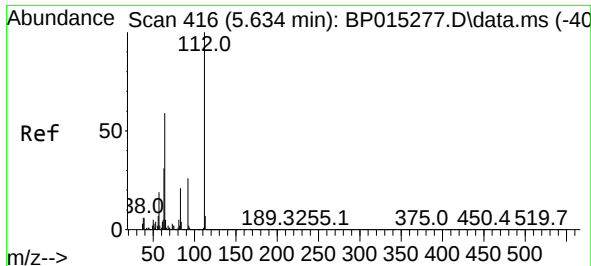
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#4
n-Nitrosodimethylamine
Concen: 9.100 ng
RT: 3.787 min Scan# 102
Delta R.T. -0.000 min
Lab File: BP015289.D
Acq: 25 May 2023 13:25

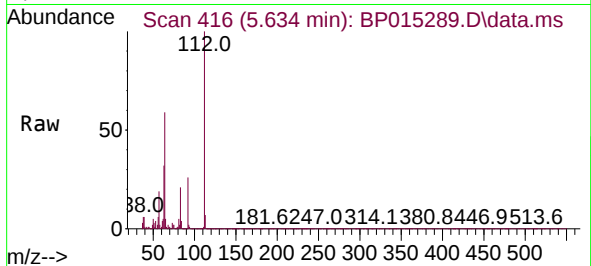
Tgt Ion: 42 Resp: 52249
Ion Ratio Lower Upper
42 100
74 133.6 106.6 160.0
44 8.0 5.8 8.8





#5
2-Fluorophenol
Concen: 113.894 ng
RT: 5.634 min Scan# 416
Delta R.T. -0.000 min
Lab File: BP015289.D
Acq: 25 May 2023 13:25

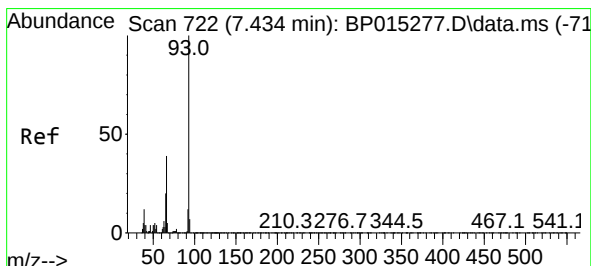
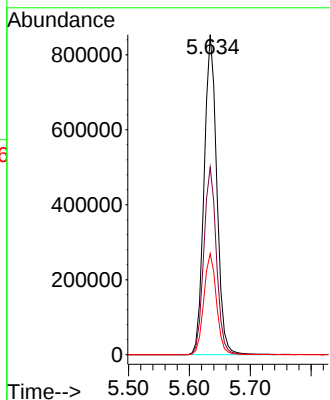
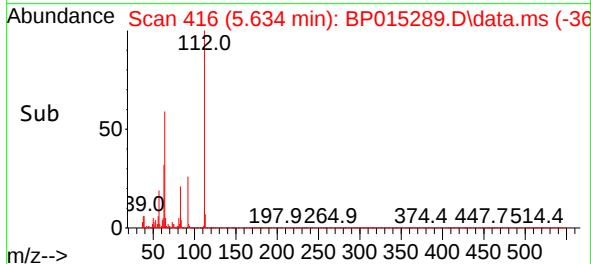
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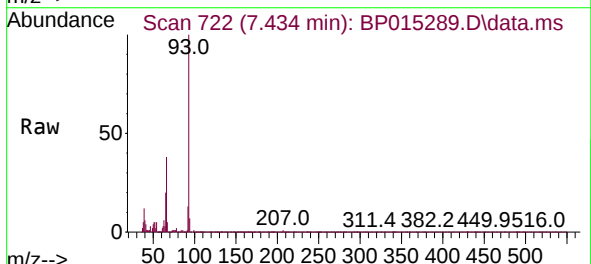
Tgt Ion:112 Resp: 123783
Ion Ratio Lower Upper
112 100
64 58.6 47.2 70.8
63 31.5 24.6 37.0

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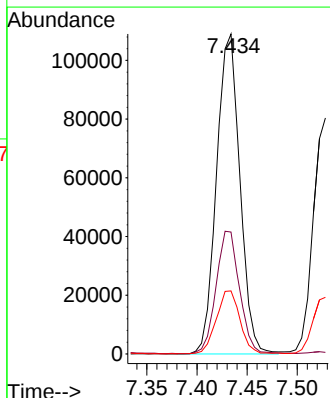
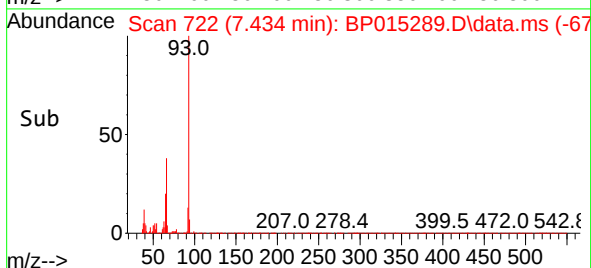
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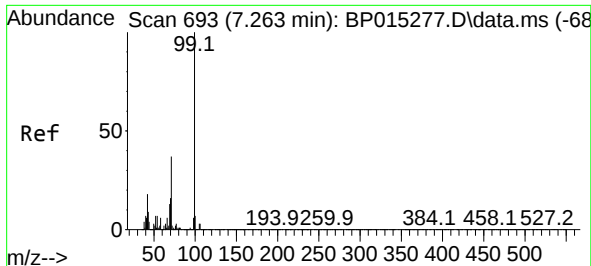


#6
Aniline
Concen: 9.809 ng
RT: 7.434 min Scan# 722
Delta R.T. -0.000 min
Lab File: BP015289.D
Acq: 25 May 2023 13:25



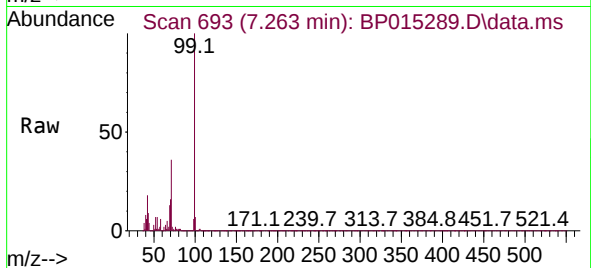
Tgt Ion: 93 Resp: 176588
Ion Ratio Lower Upper
93 100
66 38.1 31.3 46.9
65 19.7 16.0 24.0





#7
Phenol-d6
Concen: 110.818 ng
RT: 7.263 min Scan# 693
Delta R.T. -0.000 min
Lab File: BP015289.D
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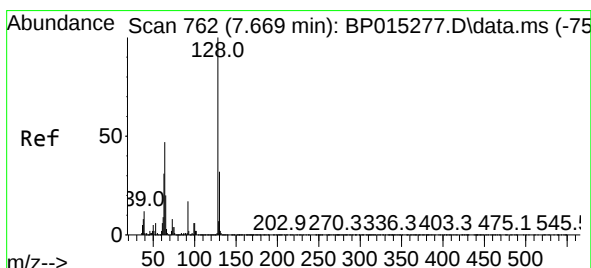
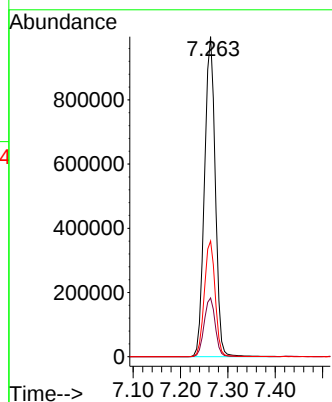
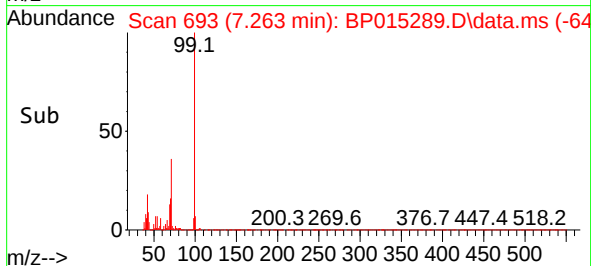
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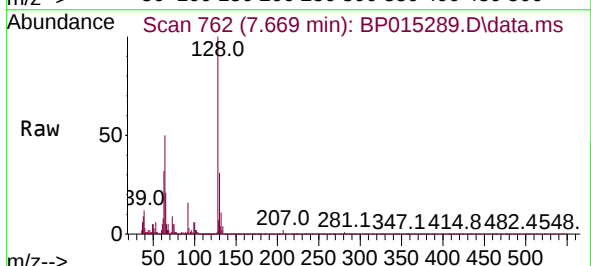
Tgt Ion: 99 Resp: 157839
Ion Ratio Lower Upper
99 100
42 18.4 14.6 22.0
71 36.1 29.4 44.2

Manual Integrations
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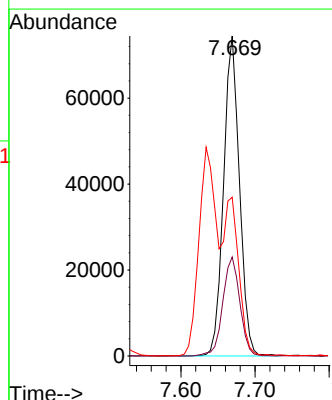
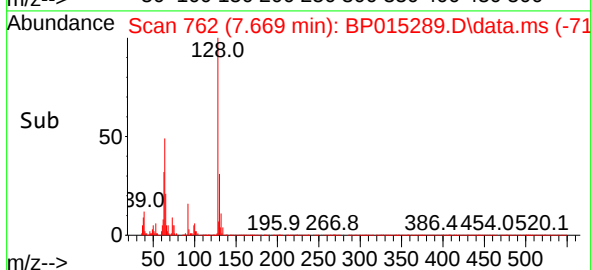
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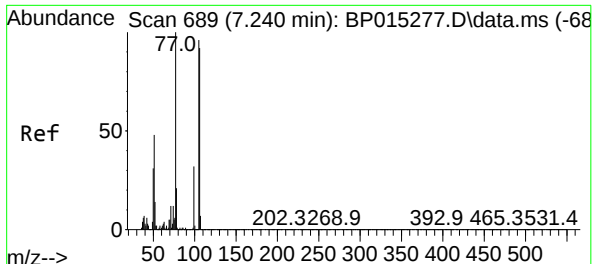


#8
2-Chlorophenol
Concen: 9.755 ng
RT: 7.669 min Scan# 762
Delta R.T. -0.000 min
Lab File: BP015289.D
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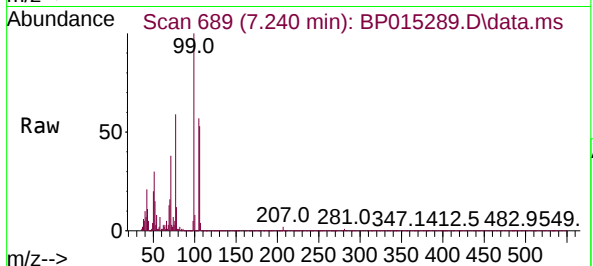
Tgt Ion:128 Resp: 110786
Ion Ratio Lower Upper
128 100
130 31.0 11.5 51.5
64 49.6 27.3 67.3





#9
Benzaldehyde
Concen: 10.953 ng
RT: 7.240 min Scan# 610
Delta R.T. -0.000 min
Lab File: BP015289.D
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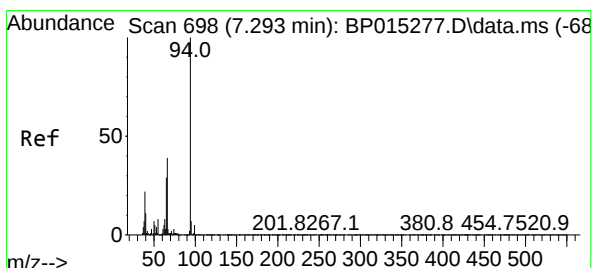
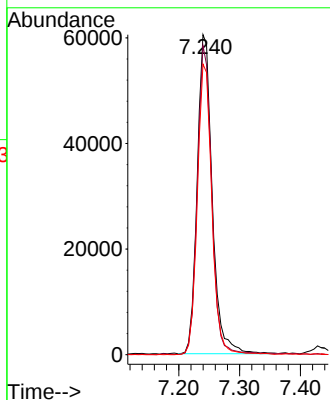
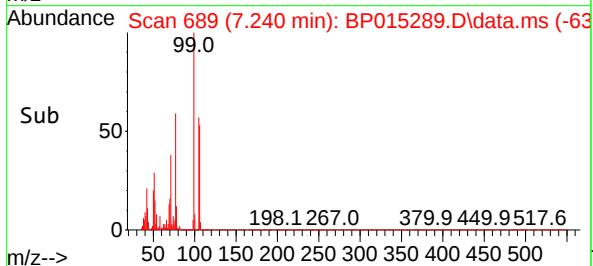
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ClientSampleId :
LOQ-WATER-02-QT2-2023



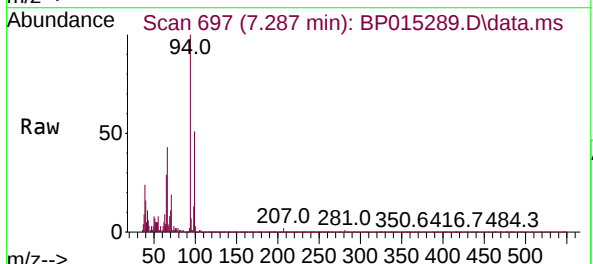
Tgt Ion: 77 Resp: 10324
Ion Ratio Lower Upper
77 100
105 96.6 75.9 115.9
106 90.8 72.3 112.3

Manual Integrations
APPROVED

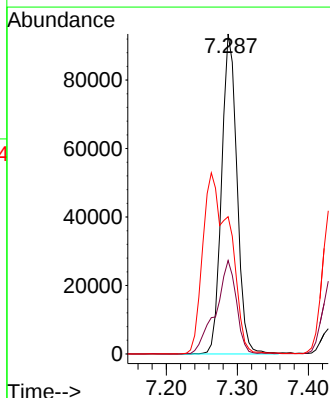
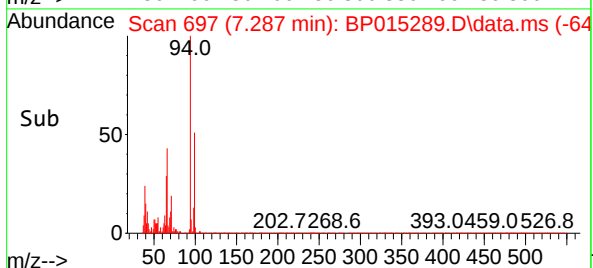
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023

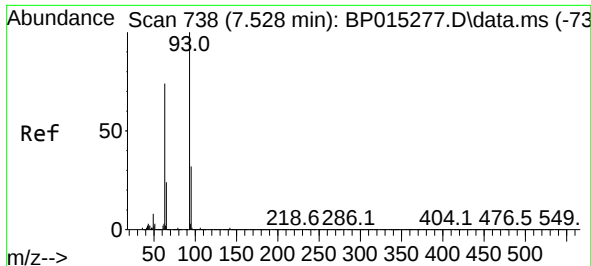


#10
Phenol
Concen: 9.823 ng
RT: 7.287 min Scan# 697
Delta R.T. -0.006 min
Lab File: BP015289.D
Acq: 25 May 2023 13:25



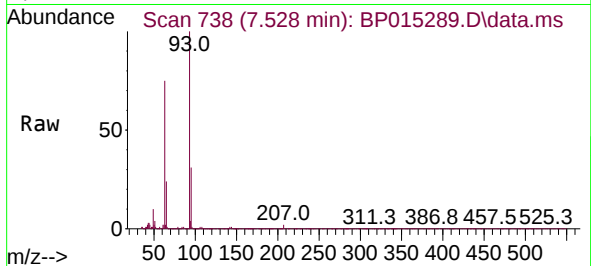
Tgt Ion: 94 Resp: 140119
Ion Ratio Lower Upper
94 100
65 29.2 9.1 49.1
66 42.9 19.3 59.3





#11
bis(2-Chloroethyl)ether
Concen: 9.863 ng
RT: 7.528 min Scan# 738
Delta R.T. -0.000 min
Lab File: BP015289.D
Acq: 25 May 2023 13:25

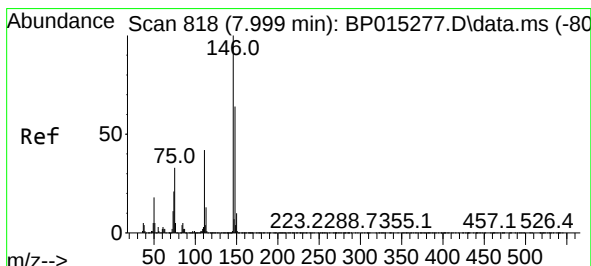
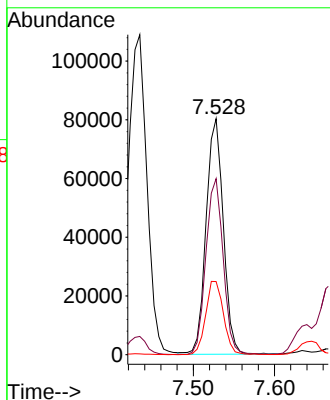
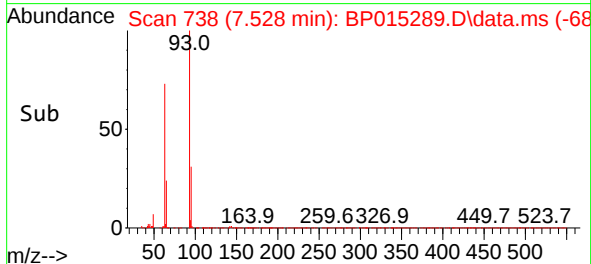
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2023



Tgt Ion: 93 Resp: 11792
Ion Ratio Lower Upper
93 100
63 74.6 53.9 93.9
95 31.0 12.2 52.2

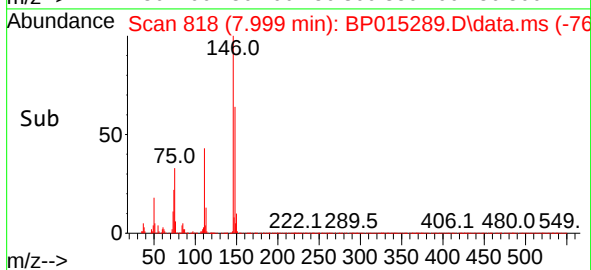
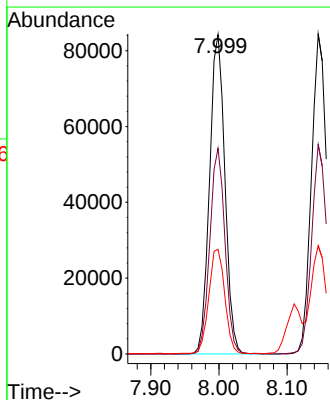
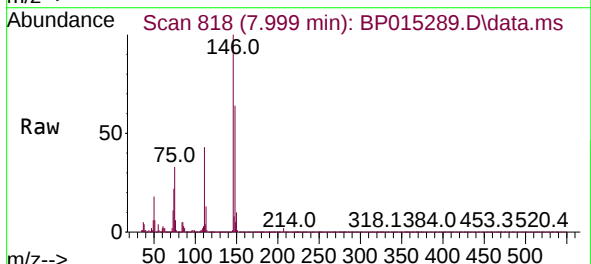
Manual Integrations
APPROVED

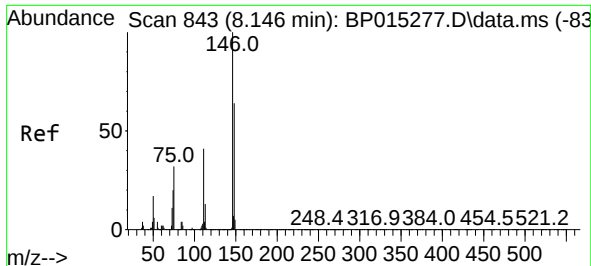
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#12
1,3-Dichlorobenzene
Concen: 10.444 ng
RT: 7.999 min Scan# 818
Delta R.T. -0.000 min
Lab File: BP015289.D
Acq: 25 May 2023 13:25

Tgt Ion:146 Resp: 131988
Ion Ratio Lower Upper
146 100
148 64.4 50.8 76.2
75 32.8 26.1 39.1





#13

1,4-Dichlorobenzene

Concen: 10.408 ng

RT: 8.146 min Scan# 843

Delta R.T. -0.000 min

Lab File: BP015289.D

Acq: 25 May 2023 13:25

Instrument :

BNA_P

ClientSampleId :

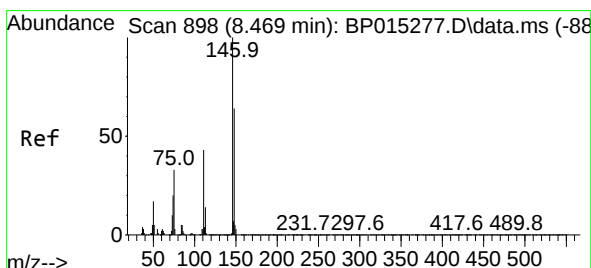
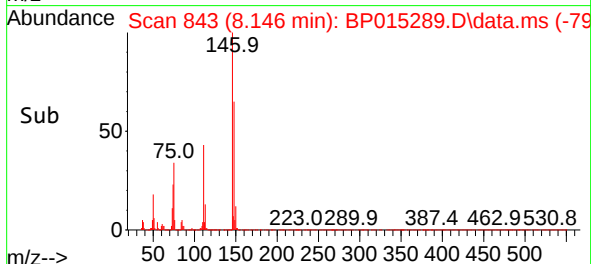
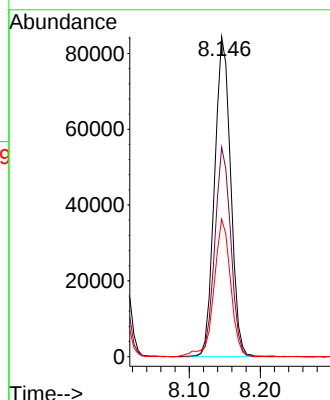
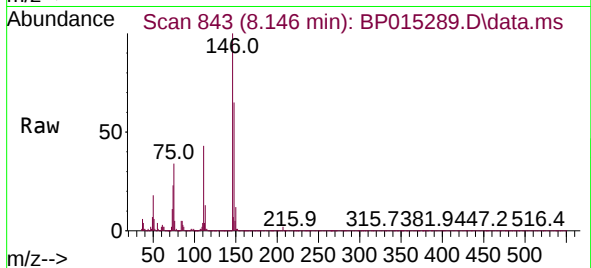
LOQ-WATER-02-QT2-2023

Tgt Ion:	146	Resp:	132398
Ion Ratio	Lower	Upper	
146	100		
148	65.5	51.0	76.6
111	43.0	33.3	49.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#14

1,2-Dichlorobenzene

Concen: 10.317 ng

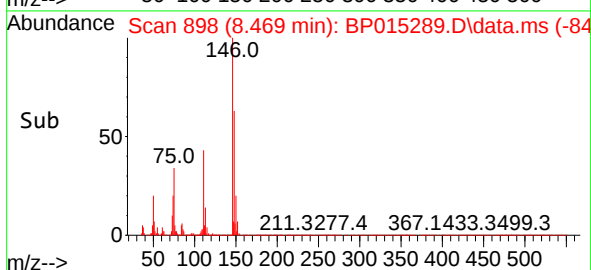
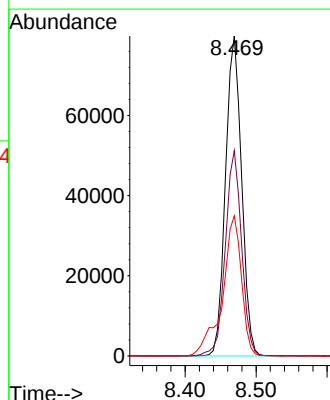
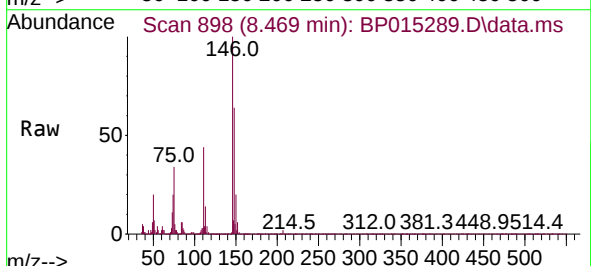
RT: 8.469 min Scan# 898

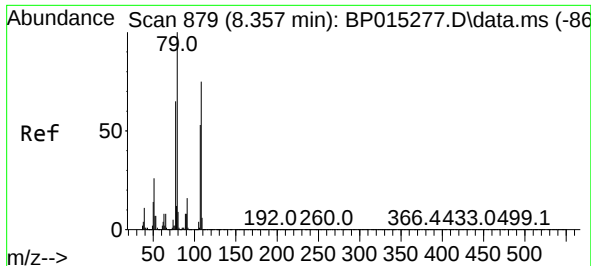
Delta R.T. -0.000 min

Lab File: BP015289.D

Acq: 25 May 2023 13:25

Tgt Ion:	146	Resp:	125222
Ion Ratio	Lower	Upper	
146	100		
148	64.2	51.4	77.2
111	43.8	34.2	51.2





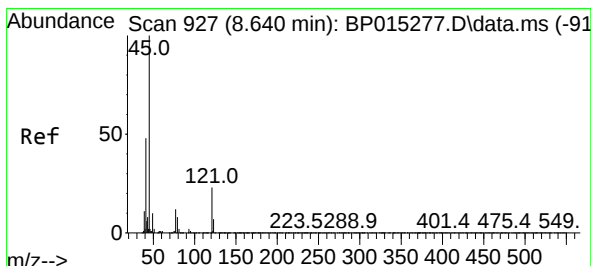
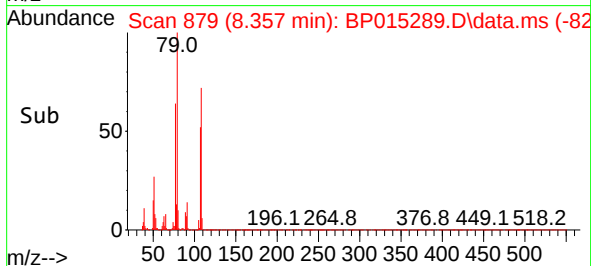
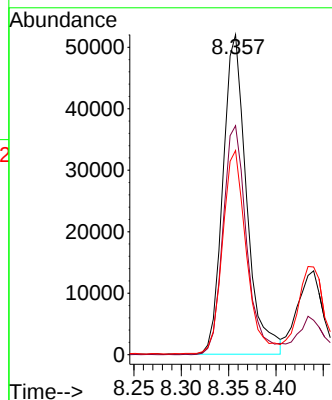
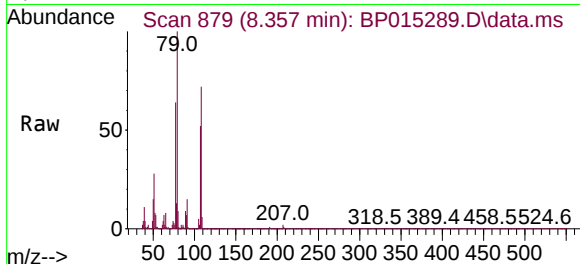
#15
Benzyl Alcohol
Concen: 9.074 ng
RT: 8.357 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP015289.D
Acq: 25 May 2023 13:25

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2023

Tgt Ion: 79 Resp: 9020
Ion Ratio Lower Upper
79 100
108 71.6 60.2 90.2
77 63.8 52.1 78.1

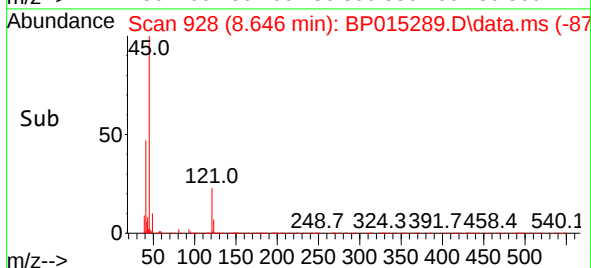
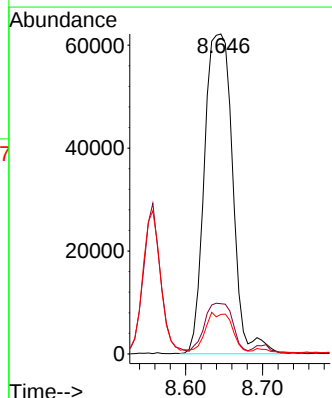
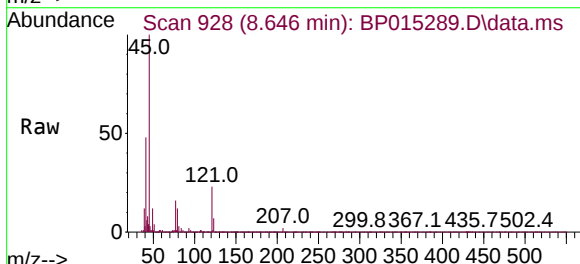
Manual Integrations
APPROVED

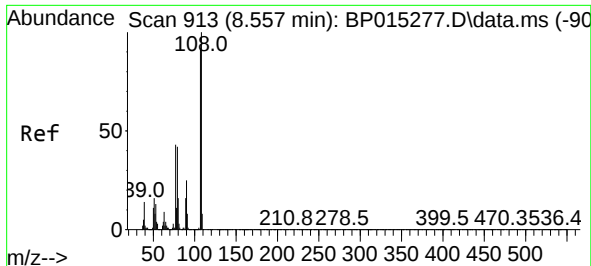
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 10.253 ng m
RT: 8.646 min Scan# 928
Delta R.T. 0.006 min
Lab File: BP015289.D
Acq: 25 May 2023 13:25

Tgt Ion: 45 Resp: 158067
Ion Ratio Lower Upper
45 100
77 15.7 0.0 35.3
79 12.4 0.0 31.2





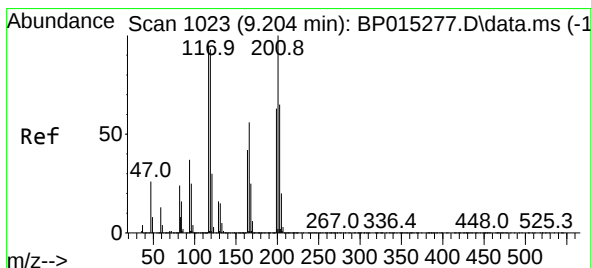
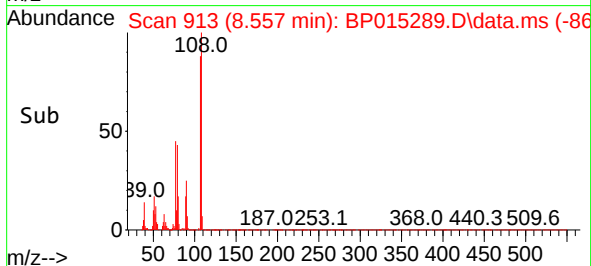
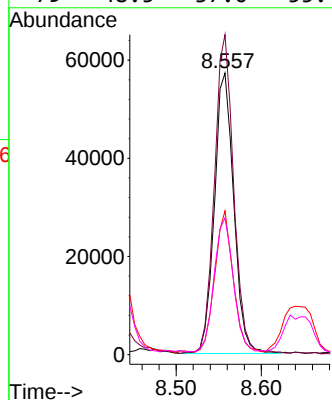
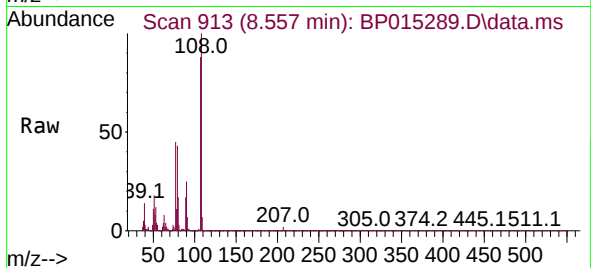
#17
2-Methylphenol
Concen: 8.886 ng
RT: 8.557 min Scan# 913
Delta R.T. -0.000 min
Lab File: BP015289.D
Acq: 25 May 2023 13:25

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2023

Tgt Ion:	107	Resp:	90200
Ion	Ratio	Lower	Upper
107	100		
108	113.6	87.3	130.9
77	51.0	38.1	57.1
79	48.5	37.0	55.4

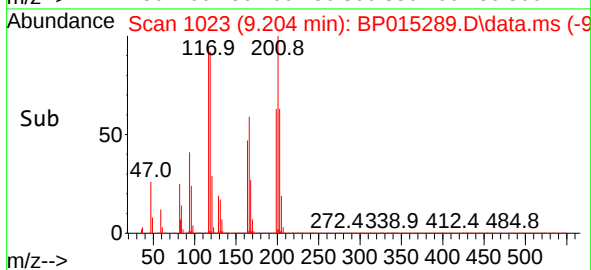
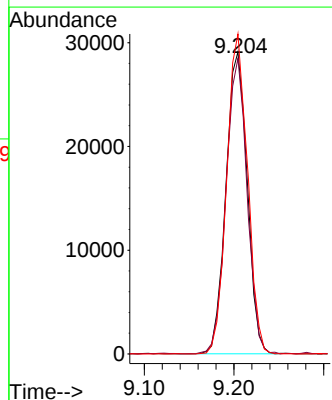
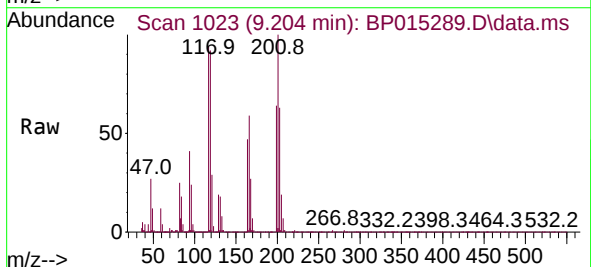
Manual Integrations
APPROVED

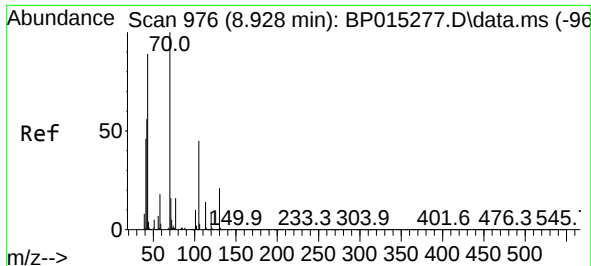
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#18
Hexachloroethane
Concen: 9.993 ng
RT: 9.204 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BP015289.D
Acq: 25 May 2023 13:25

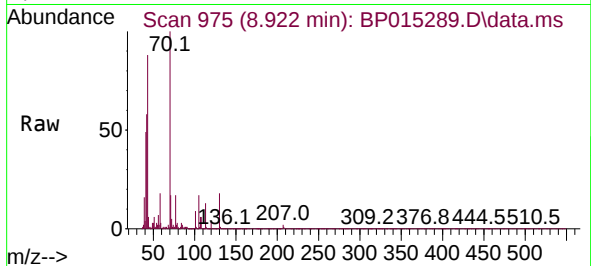
Tgt Ion:	117	Resp:	47908
Ion	Ratio	Lower	Upper
117	100		
119	97.8	78.8	118.2
201	105.9	84.5	126.7





#19
n-Nitroso-di-n-propylamine
Concen: 9.570 ng
RT: 8.922 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP015289.D
Acq: 25 May 2023 13:25

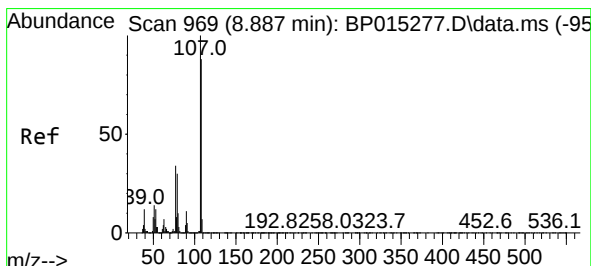
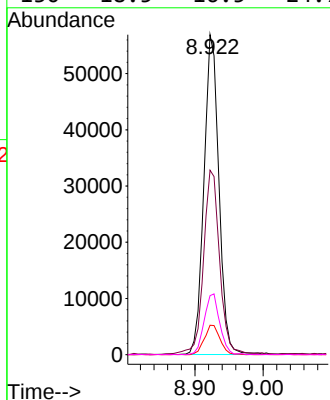
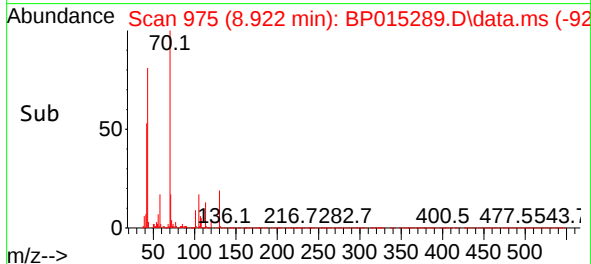
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2023



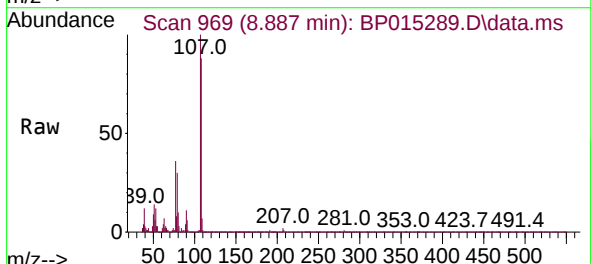
Tgt Ion: 70 Resp: 87238
Ion Ratio Lower Upper
70 100
42 57.6 45.4 68.2
101 9.2 7.9 11.9
130 18.5 16.5 24.7

Manual Integrations
APPROVED

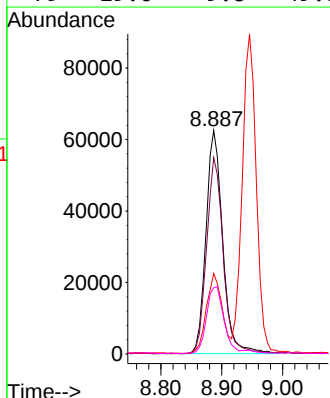
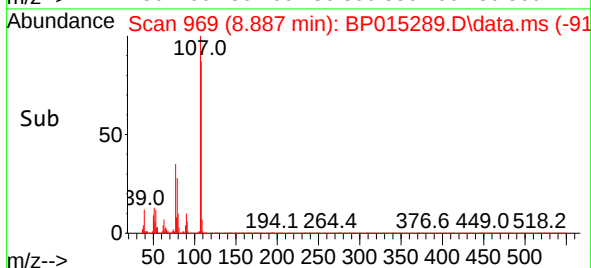
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023

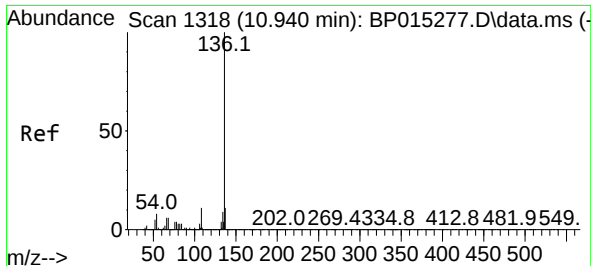


#20
3+4-Methylphenols
Concen: 8.710 ng
RT: 8.887 min Scan# 969
Delta R.T. -0.000 min
Lab File: BP015289.D
Acq: 25 May 2023 13:25



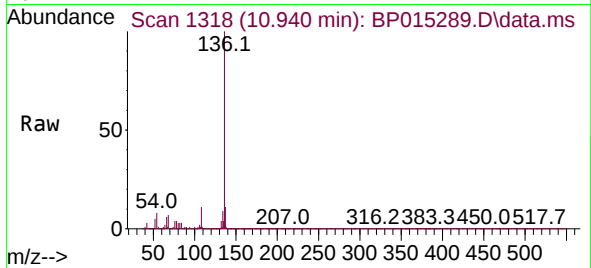
Tgt Ion:107 Resp: 119456
Ion Ratio Lower Upper
107 100
108 87.8 68.0 108.0
77 36.0 14.5 54.5
79 29.6 9.8 49.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.940 min Scan# 1318
Delta R.T. -0.000 min
Lab File: BP015289.D
Acq: 25 May 2023 13:25

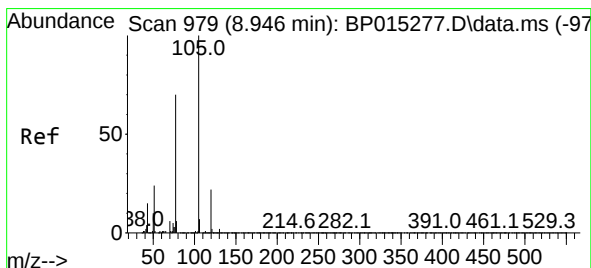
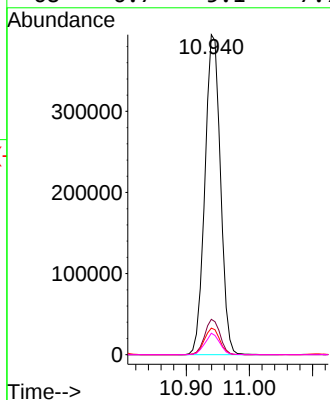
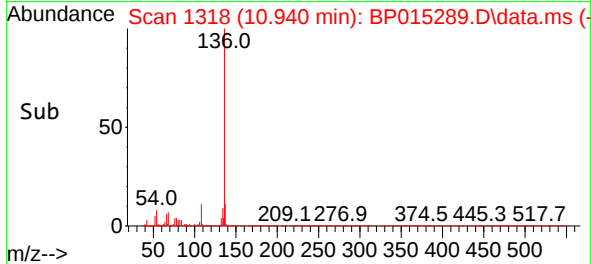
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2023



Tgt Ion:136 Resp: 674138
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 8.3 6.3 9.5
68 6.7 5.1 7.7

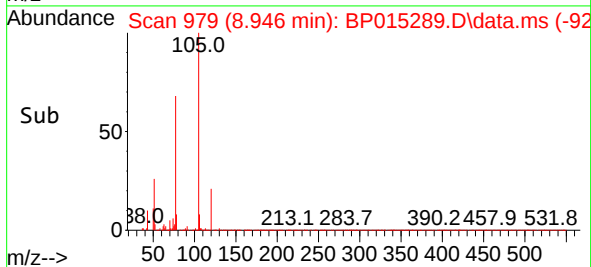
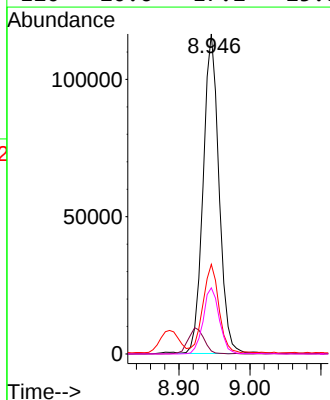
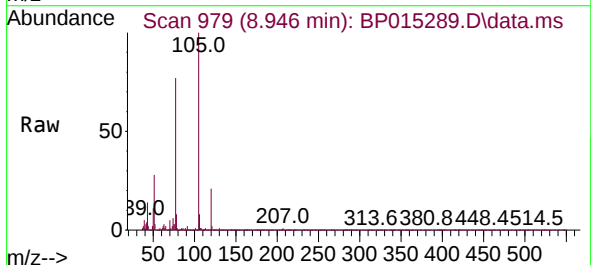
Manual Integrations
APPROVED

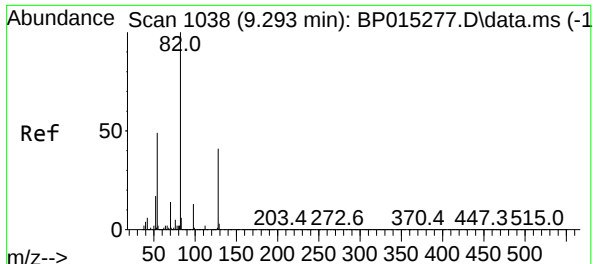
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#22
Acetophenone
Concen: 10.326 ng
RT: 8.946 min Scan# 979
Delta R.T. -0.000 min
Lab File: BP015289.D
Acq: 25 May 2023 13:25

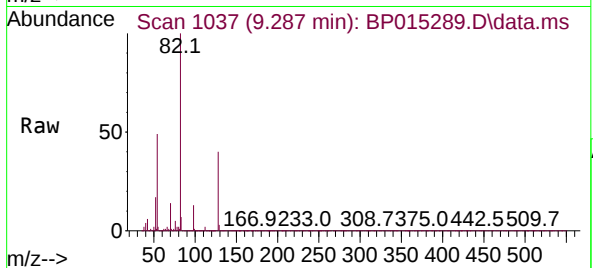
Tgt Ion:105 Resp: 180801
Ion Ratio Lower Upper
105 100
71 1.0 1.5 2.3#
51 28.0 22.5 33.7
120 20.6 17.2 25.8





#23
Nitrobenzene-d5
Concen: 82.294 ng
RT: 9.287 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BP015289.D
Acq: 25 May 2023 13:25

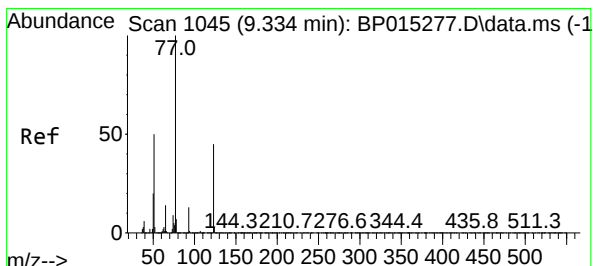
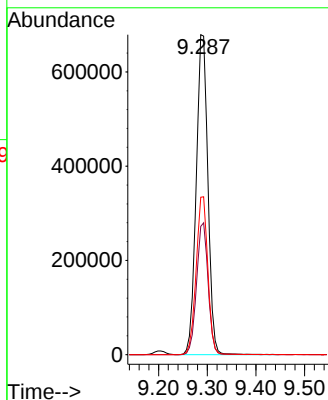
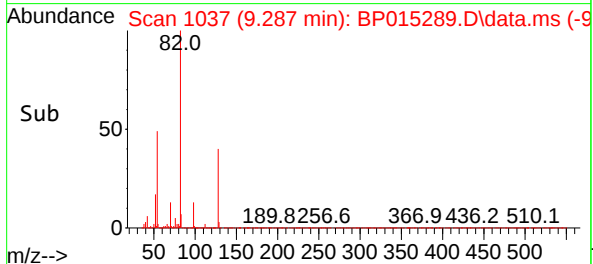
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2023



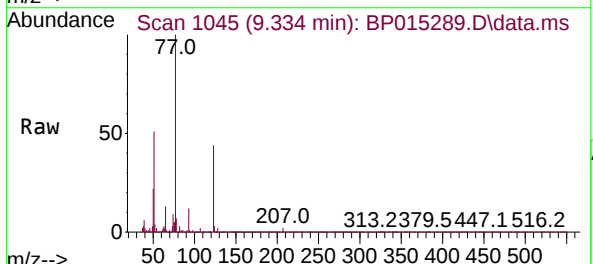
Tgt Ion: 82 Resp: 113622
Ion Ratio Lower Upper
82 100
128 40.1 33.0 49.4
54 49.2 39.2 58.8

Manual Integrations
APPROVED

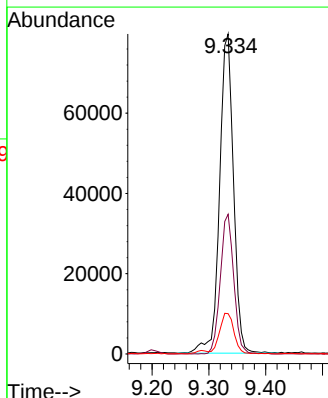
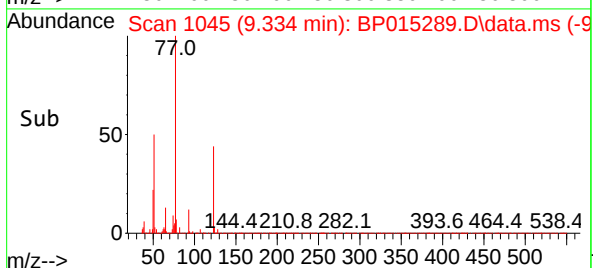
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023

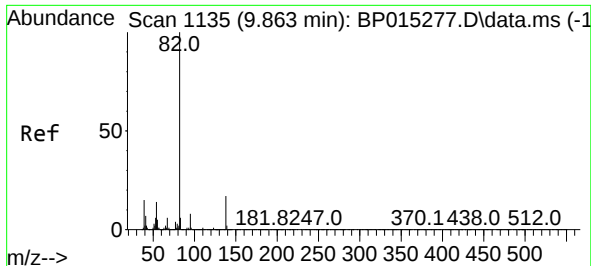


#24
Nitrobenzene
Concen: 9.889 ng
RT: 9.334 min Scan# 1045
Delta R.T. -0.000 min
Lab File: BP015289.D
Acq: 25 May 2023 13:25



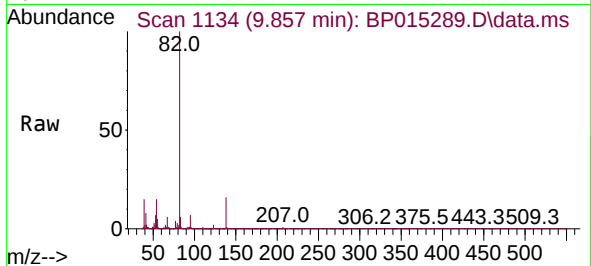
Tgt Ion: 77 Resp: 135952
Ion Ratio Lower Upper
77 100
123 43.6 36.2 54.4
65 12.6 10.8 16.2





#25
Isophorone
Concen: 9.286 ng
RT: 9.857 min Scan# 1134
Delta R.T. -0.006 min
Lab File: BP015289.D
Acq: 25 May 2023 13:25

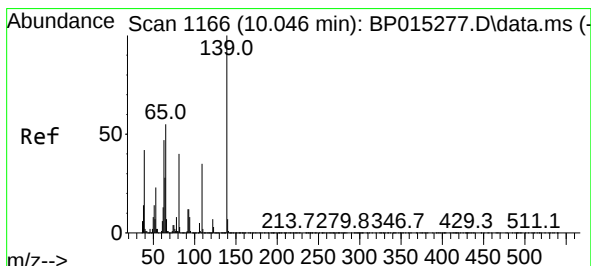
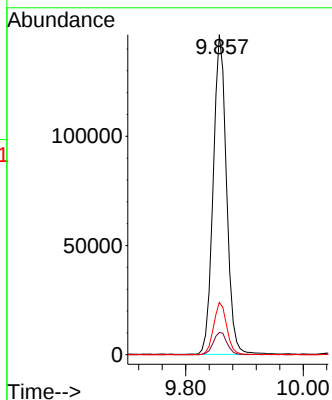
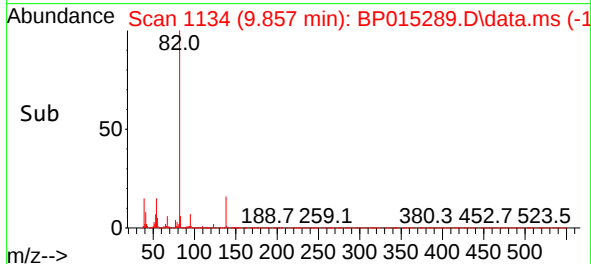
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2023



Tgt Ion: 82 Resp: 230078
Ion Ratio Lower Upper
82 100
95 7.0 6.3 9.5
138 16.3 13.6 20.4

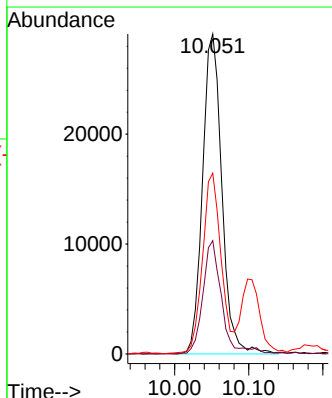
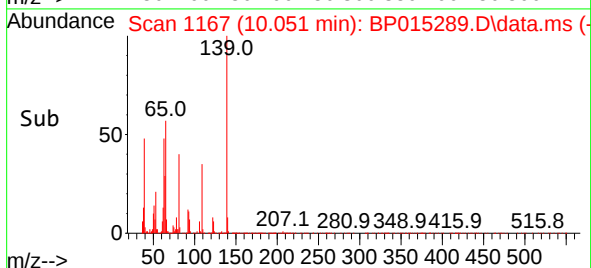
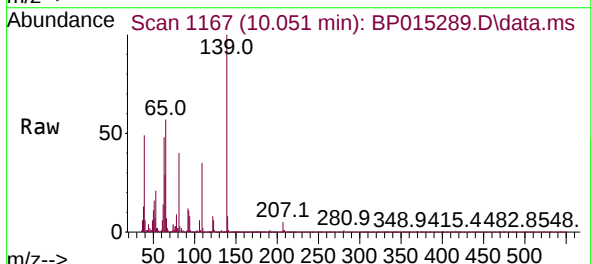
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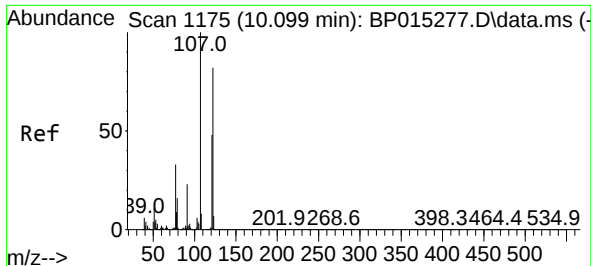
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#26
2-Nitrophenol
Concen: 8.735 ng
RT: 10.051 min Scan# 1167
Delta R.T. 0.006 min
Lab File: BP015289.D
Acq: 25 May 2023 13:25

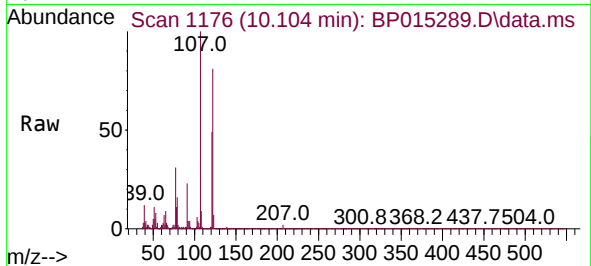
Tgt Ion:139 Resp: 52710
Ion Ratio Lower Upper
139 100
109 35.4 28.4 42.6
65 56.5 43.8 65.8





#27
2,4-Dimethylphenol
Concen: 9.889 ng
RT: 10.104 min Scan# 1176
Delta R.T. 0.006 min
Lab File: BP015289.D
Acq: 25 May 2023 13:25

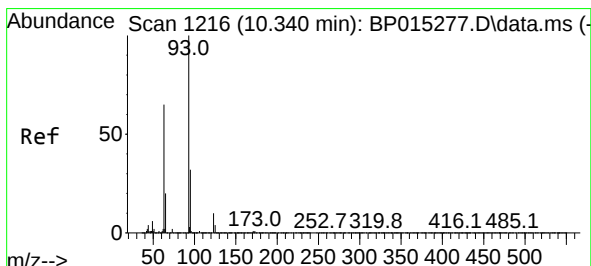
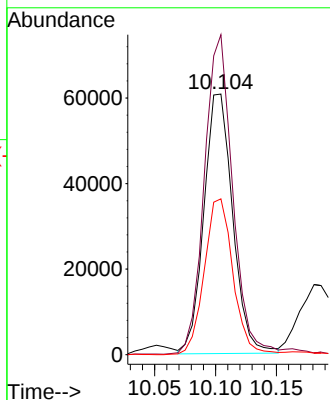
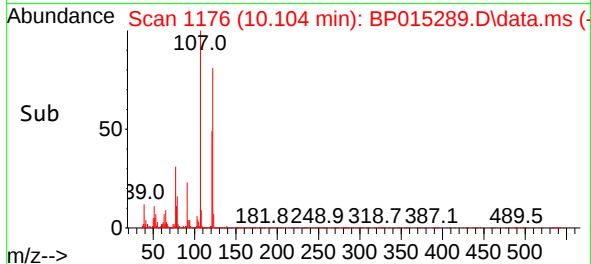
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2023



Tgt Ion:122 Resp: 100044
Ion Ratio Lower Upper
122 100
107 122.8 95.9 143.9
121 59.8 45.8 68.8

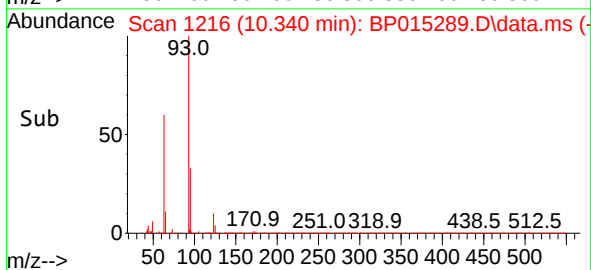
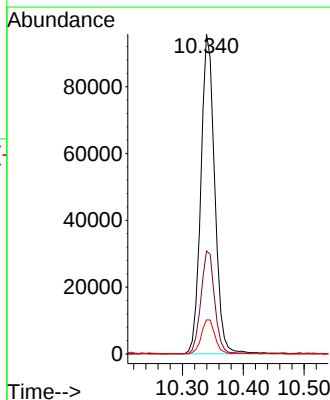
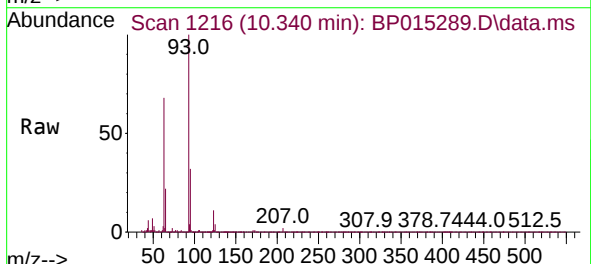
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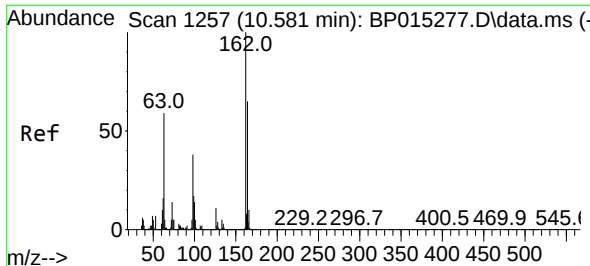
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#28
bis(2-Chloroethoxy)methane
Concen: 9.906 ng
RT: 10.340 min Scan# 1216
Delta R.T. -0.000 min
Lab File: BP015289.D
Acq: 25 May 2023 13:25

Tgt Ion: 93 Resp: 151266
Ion Ratio Lower Upper
93 100
95 32.2 26.0 39.0
123 10.6 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 9.205 ng

RT: 10.587 min Scan# 1257

Delta R.T. 0.006 min

Lab File: BP015289.D

Acq: 25 May 2023 13:25

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT2-2023

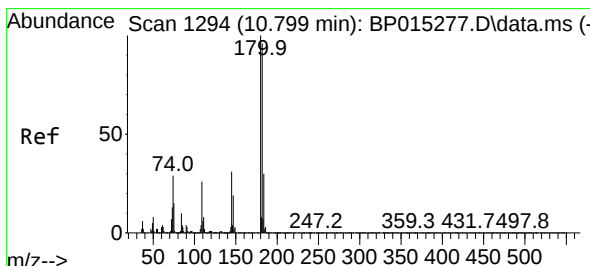
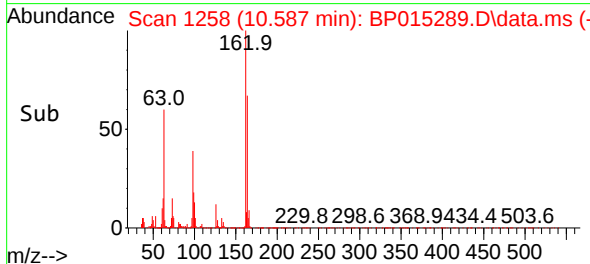
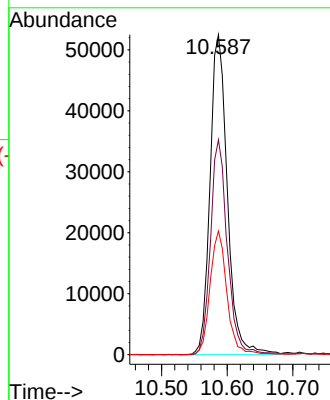
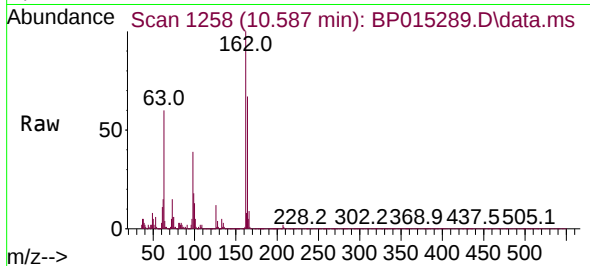
Tgt Ion:	162	Resp:	9655
Ion Ratio	Lower	Upper	
162	100		
164	67.1	45.4	85.4
98	38.7	17.9	57.9

Manual Integrations

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Reviewed By :Christian Giraldo 05/26/2023

Supervised By :Jagrut Upadhyay 05/26/2023



#30

1,2,4-Trichlorobenzene

Concen: 10.073 ng

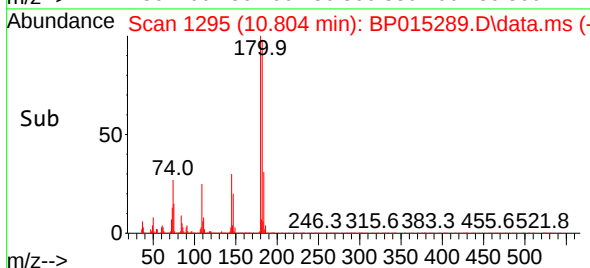
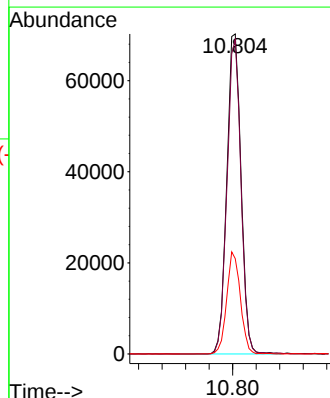
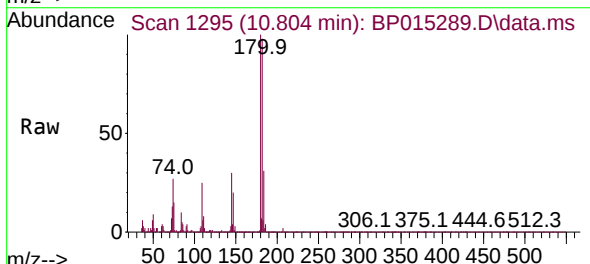
RT: 10.804 min Scan# 1295

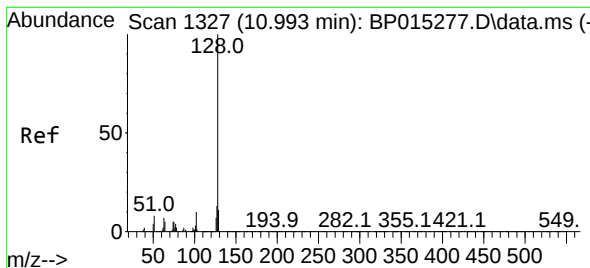
Delta R.T. 0.006 min

Lab File: BP015289.D

Acq: 25 May 2023 13:25

Tgt Ion:	180	Resp:	117854
Ion Ratio	Lower	Upper	
180	100		
182	98.3	76.6	115.0
145	29.8	24.9	37.3





#31

Naphthalene

Concen: 9.960 ng

RT: 10.993 min Scan# 1189

Delta R.T. -0.000 min

Lab File: BP015289.D

Acq: 25 May 2023 13:25

Instrument :

BNA_P

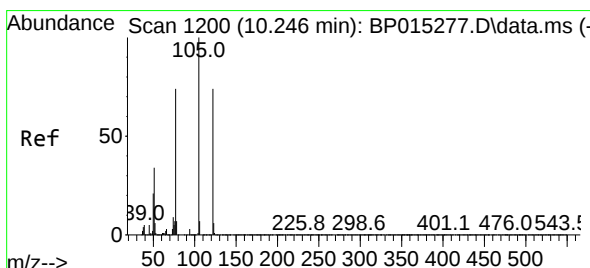
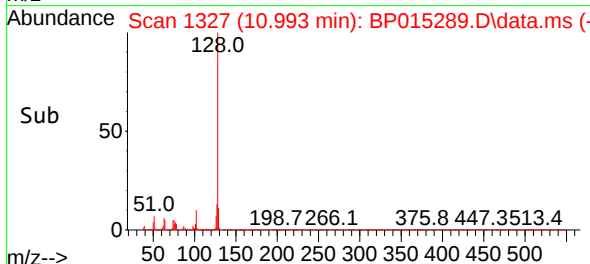
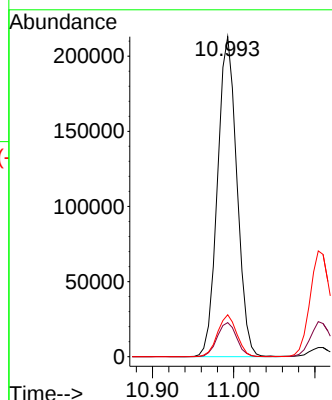
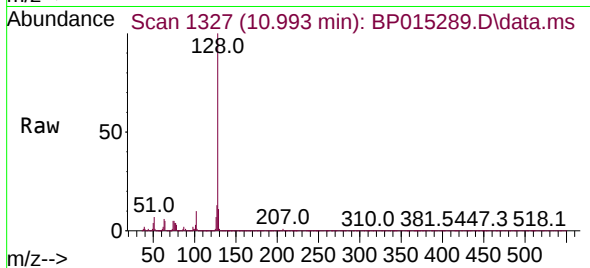
ClientSampleId :

LOQ-WATER-02-QT2-2023

Tgt Ion:128 Resp: 353610
 Ion Ratio Lower Upper
 128 100
 129 10.6 8.6 13.0
 127 13.1 10.4 15.6

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Reviewed By :Christian Giraldo 05/26/2023
 Supervised By :Jagrut Upadhyay 05/26/2023



#32

Benzoic acid

Concen: 10.813 ng m

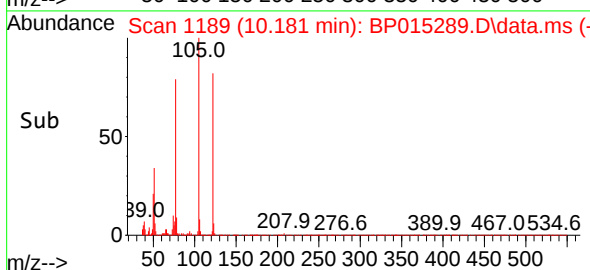
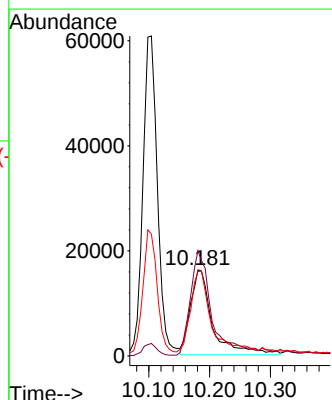
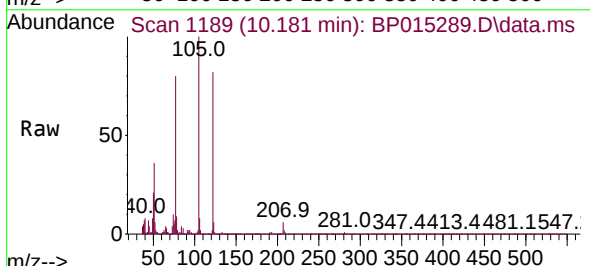
RT: 10.181 min Scan# 1189

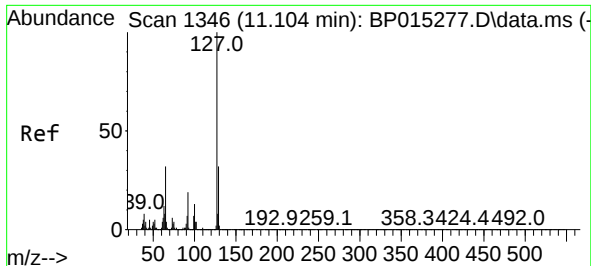
Delta R.T. -0.065 min

Lab File: BP015289.D

Acq: 25 May 2023 13:25

Tgt Ion:122 Resp: 41274
 Ion Ratio Lower Upper
 122 100
 105 122.4 109.5 149.5
 77 98.2 78.2 118.2





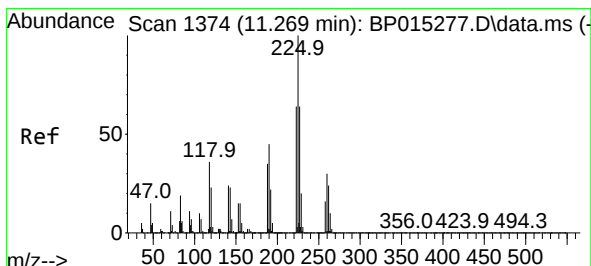
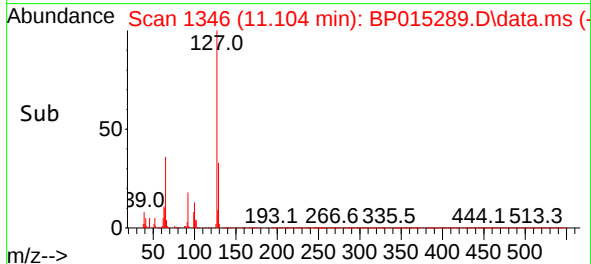
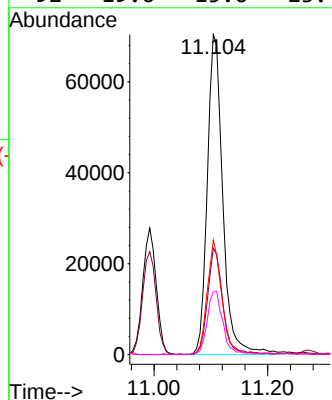
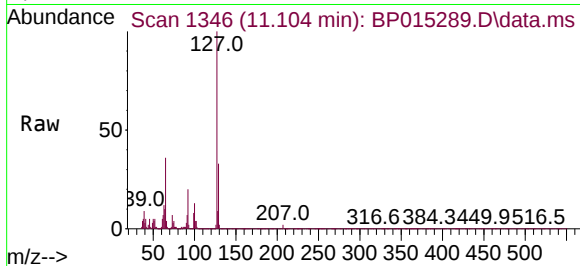
#33
4-Chloroaniline
Concen: 9.067 ng
RT: 11.104 min Scan# 1346
Delta R.T. -0.000 min
Lab File: BP015289.D
Acq: 25 May 2023 13:25

Instrument : BNA_P
ClientSampleId : LOQ-WATER-02-QT2-2023

Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.2	25.5	38.3
65	35.8	25.3	37.9
92	19.6	15.6	23.4

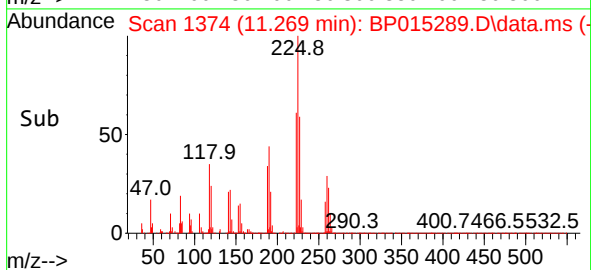
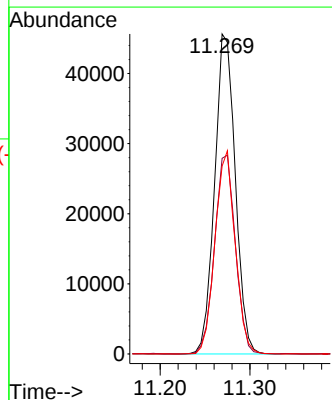
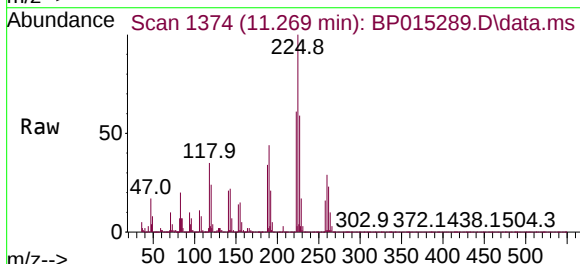
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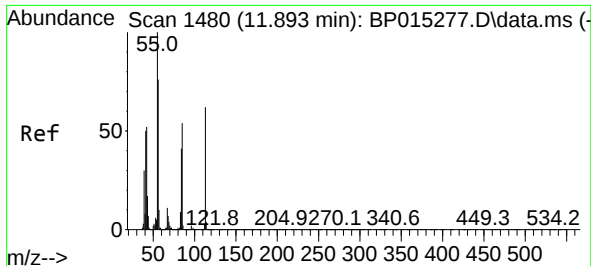
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#34
Hexachlorobutadiene
Concen: 9.842 ng
RT: 11.269 min Scan# 1374
Delta R.T. -0.000 min
Lab File: BP015289.D
Acq: 25 May 2023 13:25

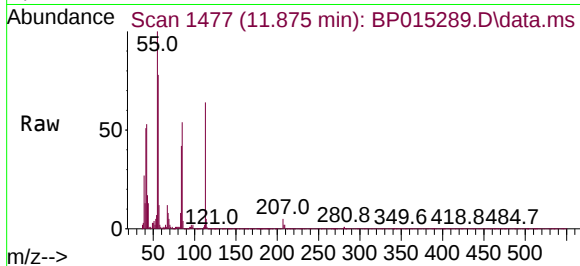
Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.2	51.0	76.4
227	58.7	51.4	77.2





#35
Caprolactam
Concen: 8.681 ng
RT: 11.875 min Scan# 1480
Delta R.T. -0.018 min
Lab File: BP015289.D
Acq: 25 May 2023 13:25

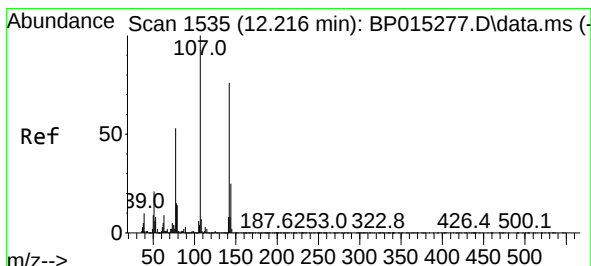
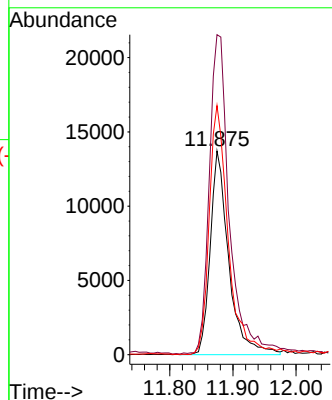
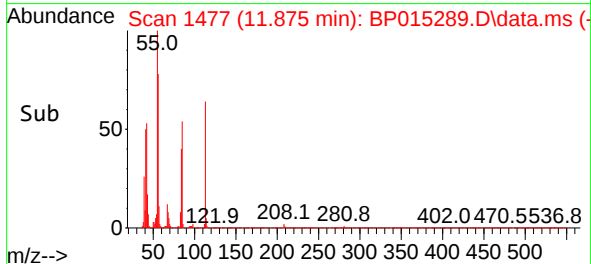
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2023



Tgt Ion:113 Resp: 2795
Ion Ratio Lower Upper
113 100
55 157.1 141.4 181.4
56 122.4 102.5 142.5

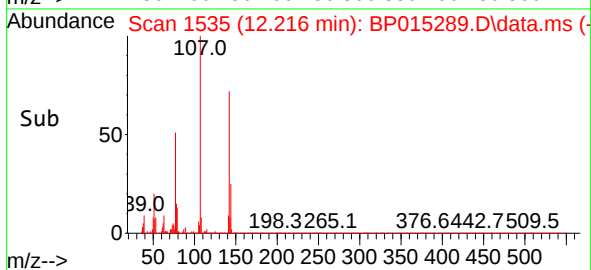
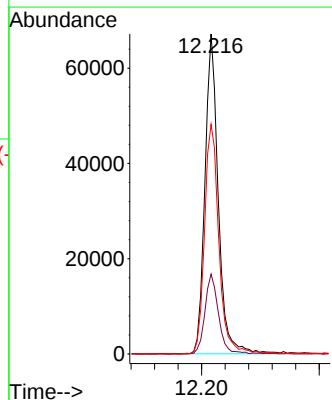
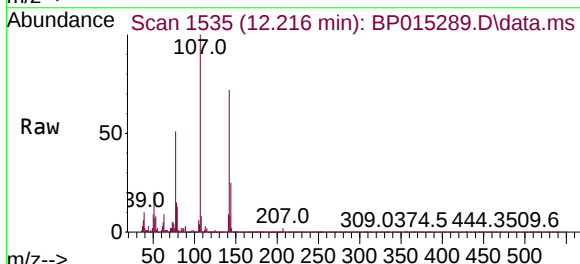
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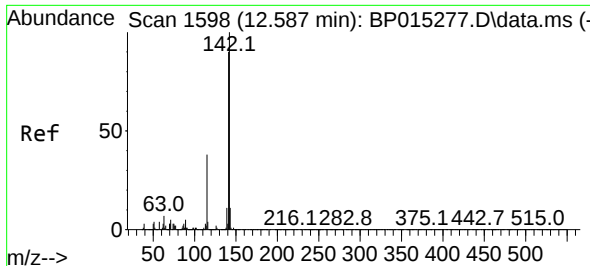
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#36
4-Chloro-3-methylphenol
Concen: 9.280 ng
RT: 12.216 min Scan# 1535
Delta R.T. -0.000 min
Lab File: BP015289.D
Acq: 25 May 2023 13:25

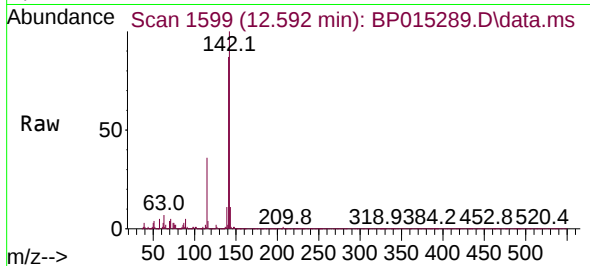
Tgt Ion:107 Resp: 105834
Ion Ratio Lower Upper
107 100
144 24.9 19.8 29.6
142 71.7 61.0 91.4





#37
2-Methylnaphthalene
Concen: 9.571 ng
RT: 12.592 min Scan# 1599
Delta R.T. 0.006 min
Lab File: BP015289.D
Acq: 25 May 2023 13:25

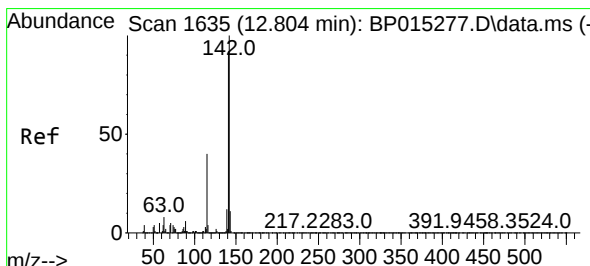
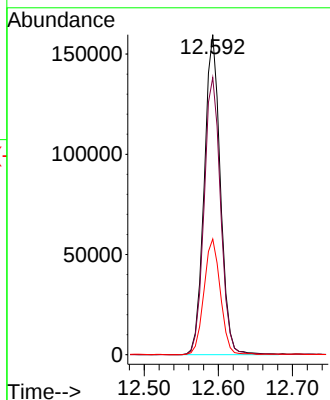
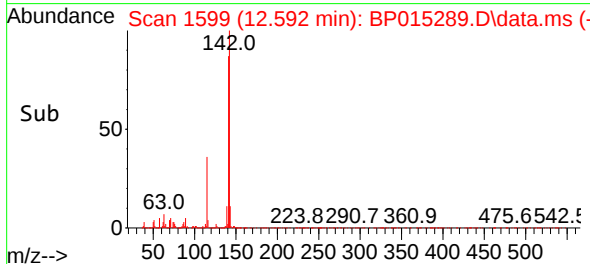
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2023



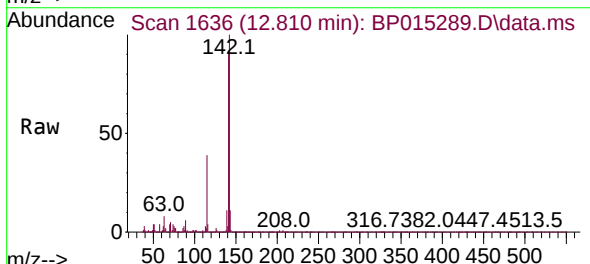
Tgt Ion:142 Resp: 241519
Ion Ratio Lower Upper
142 100
141 86.6 72.0 108.0
115 36.1 30.6 46.0

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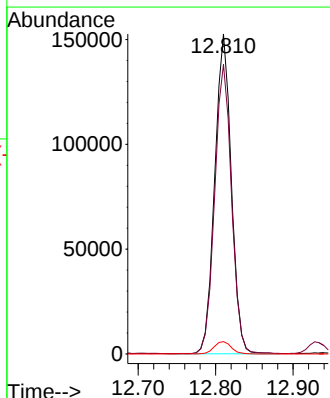
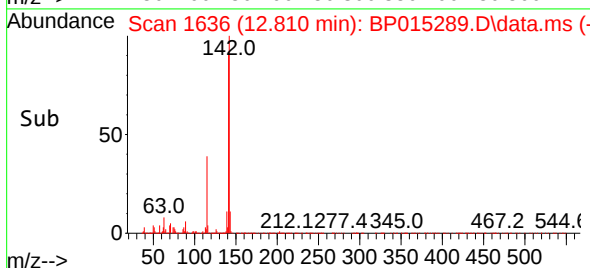
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023

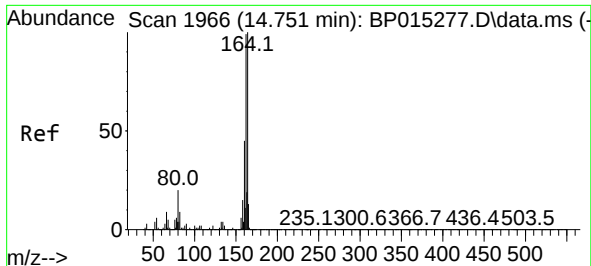


#38
1-Methylnaphthalene
Concen: 9.606 ng
RT: 12.810 min Scan# 1636
Delta R.T. 0.006 min
Lab File: BP015289.D
Acq: 25 May 2023 13:25



Tgt Ion:142 Resp: 226160
Ion Ratio Lower Upper
142 100
141 90.5 73.8 110.6
116 3.8 3.4 5.0





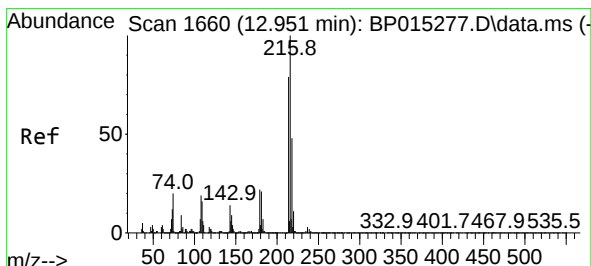
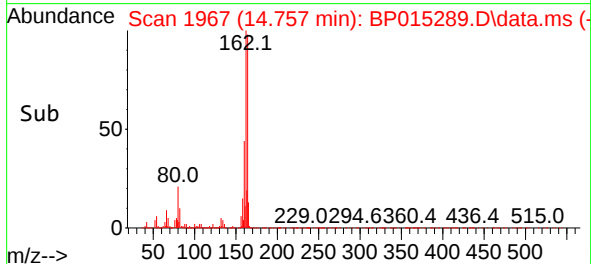
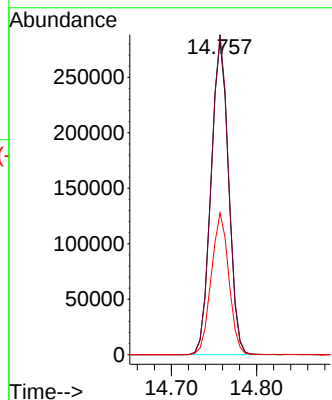
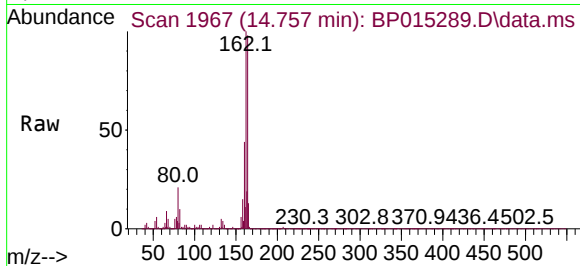
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.757 min Scan# 1966
Delta R.T. 0.006 min
Lab File: BP015289.D
Acq: 25 May 2023 13:25

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2023

Tgt Ion:164 Resp: 404640
Ion Ratio Lower Upper
164 100
162 101.7 79.4 119.2
160 45.0 35.6 53.4

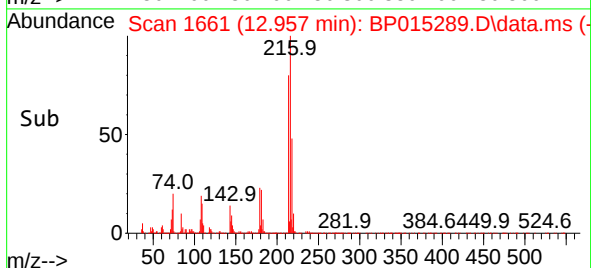
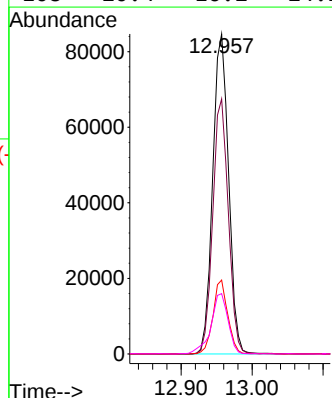
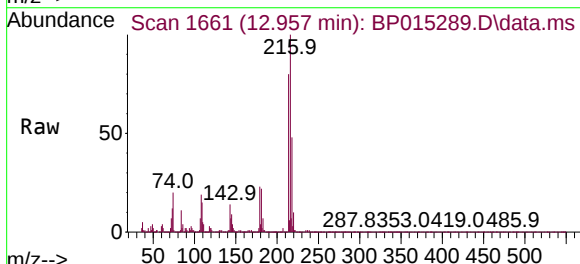
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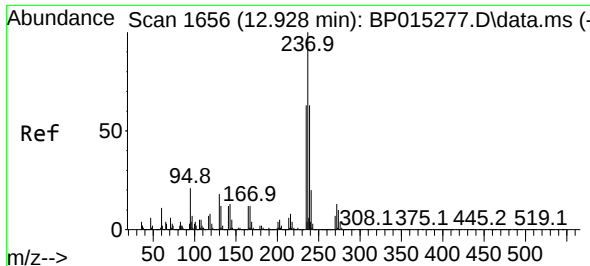
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 9.861 ng
RT: 12.957 min Scan# 1661
Delta R.T. 0.006 min
Lab File: BP015289.D
Acq: 25 May 2023 13:25

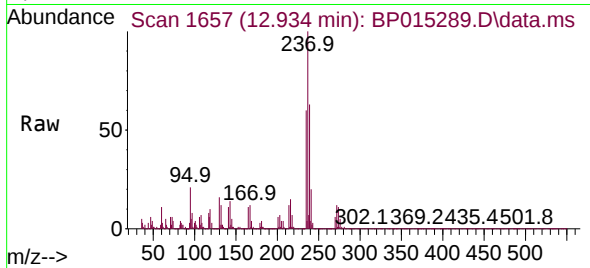
Tgt Ion:216 Resp: 130928
Ion Ratio Lower Upper
216 100
214 78.4 63.0 94.4
179 21.8 17.3 25.9
108 20.4 16.2 24.2





#41
Hexachlorocyclopentadiene
Concen: 9.850 ng
RT: 12.934 min Scan# 1657
Delta R.T. 0.006 min
Lab File: BP015289.D
Acq: 25 May 2023 13:25

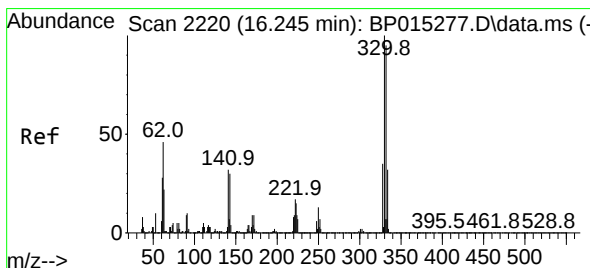
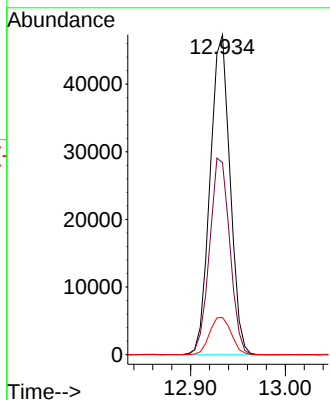
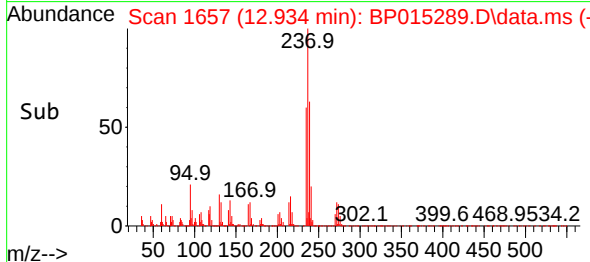
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2023



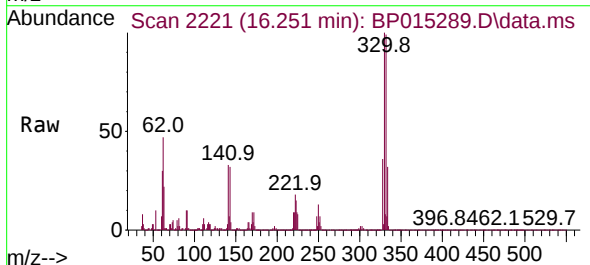
Tgt Ion: 237 Resp: 69270
Ion Ratio Lower Upper
237 100
235 60.0 43.2 83.2
272 11.6 0.0 32.7

Manual Integrations
APPROVED

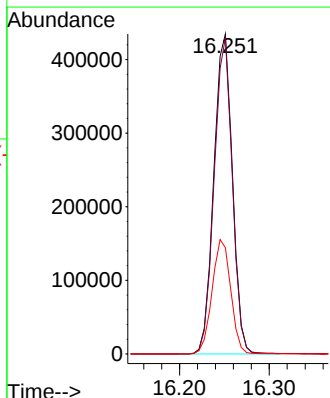
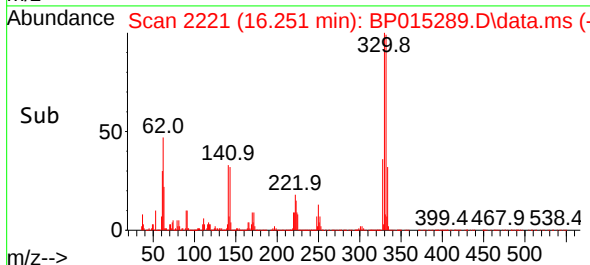
Reviewed By : Christian Giraldo 05/26/2023
Supervised By : Jagrut Upadhyay 05/26/2023

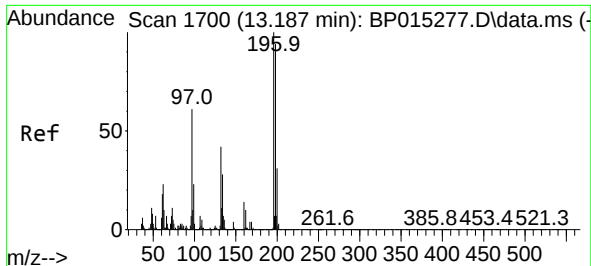


#42
2,4,6-Tribromophenol
Concen: 113.496 ng
RT: 16.251 min Scan# 2221
Delta R.T. 0.006 min
Lab File: BP015289.D
Acq: 25 May 2023 13:25



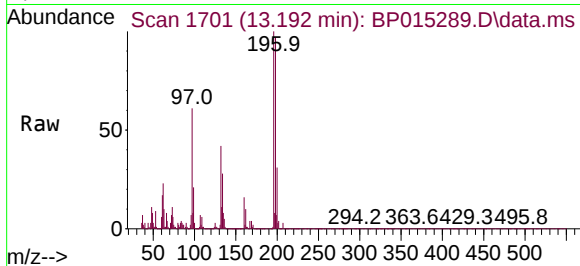
Tgt Ion: 330 Resp: 624098
Ion Ratio Lower Upper
330 100
332 96.6 76.3 114.5
141 36.0 27.8 41.8





#43
2,4,6-Trichlorophenol
Concen: 9.034 ng
RT: 13.192 min Scan# 1700
Delta R.T. 0.006 min
Lab File: BP015289.D
Acq: 25 May 2023 13:25

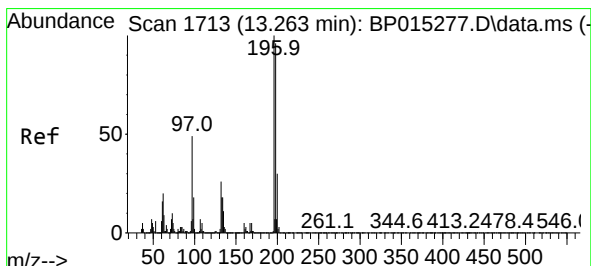
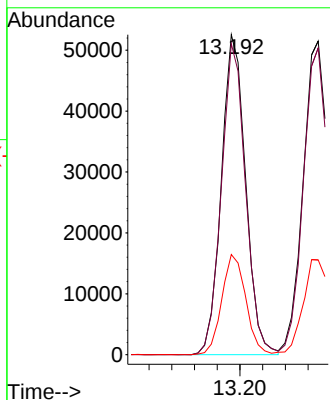
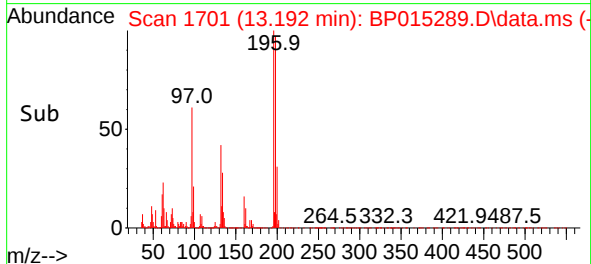
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2023



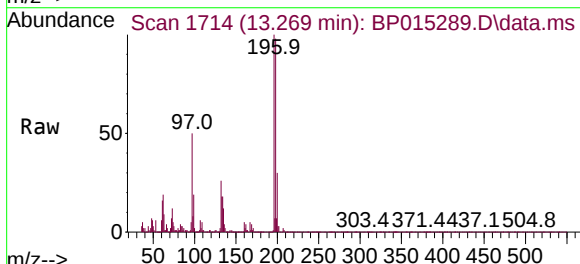
Tgt Ion:196 Resp: 7785
Ion Ratio Lower Upper
196 100
198 97.1 75.0 112.4
200 31.3 24.4 36.6

Manual Integrations
APPROVED

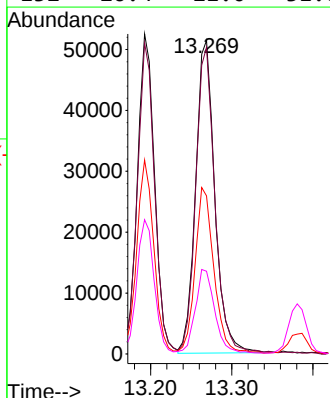
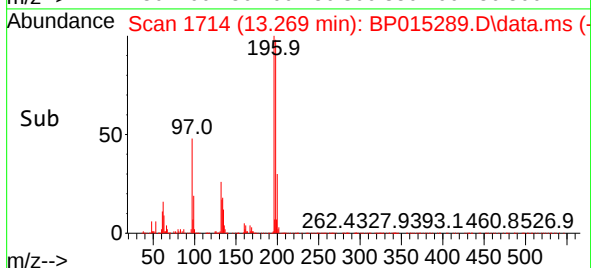
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023

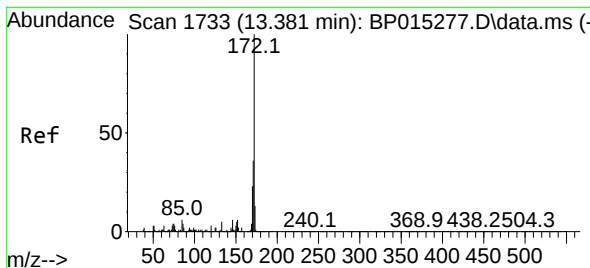


#44
2,4,5-Trichlorophenol
Concen: 8.361 ng
RT: 13.269 min Scan# 1714
Delta R.T. 0.006 min
Lab File: BP015289.D
Acq: 25 May 2023 13:25



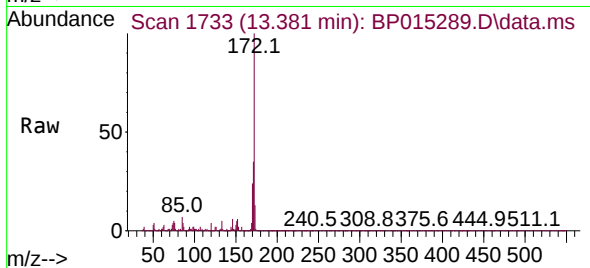
Tgt Ion:196 Resp: 84707
Ion Ratio Lower Upper
196 100
198 97.8 76.8 115.2
97 50.4 39.3 58.9
132 26.4 21.0 31.6





#45
2-Fluorobiphenyl
Concen: 80.278 ng
RT: 13.381 min Scan# 1733
Delta R.T. -0.000 min
Lab File: BP015289.D
Acq: 25 May 2023 13:25

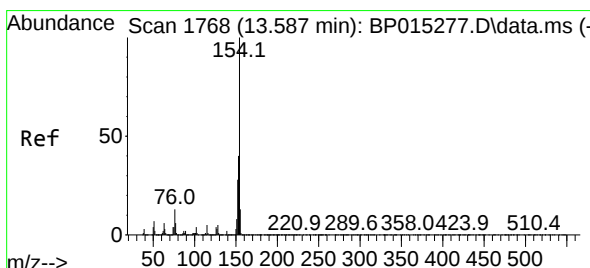
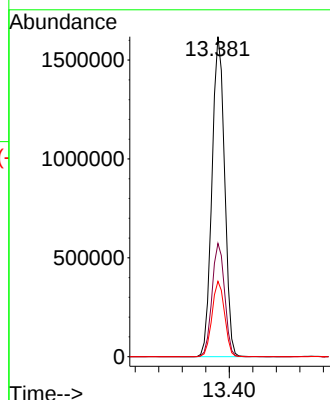
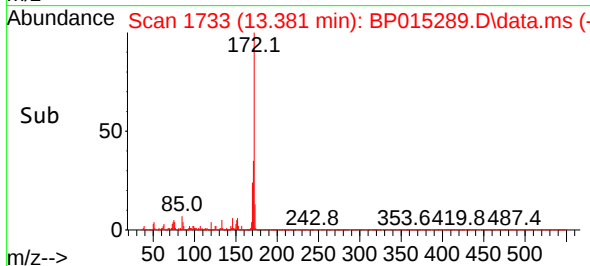
Instrument : BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2023



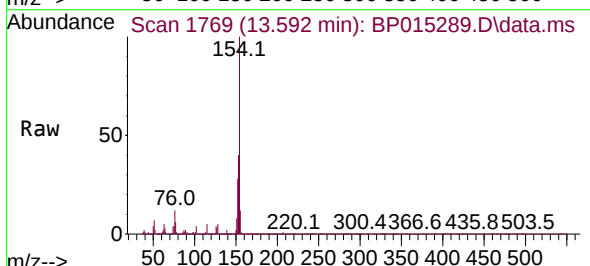
Tgt Ion:172 Resp: 241959
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 23.6 18.7 28.1

Manual Integrations
APPROVED

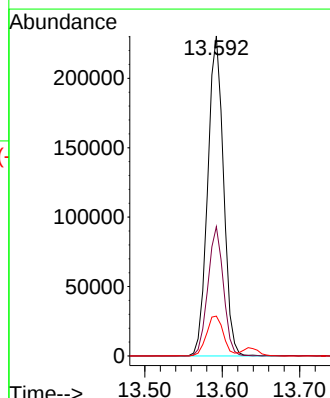
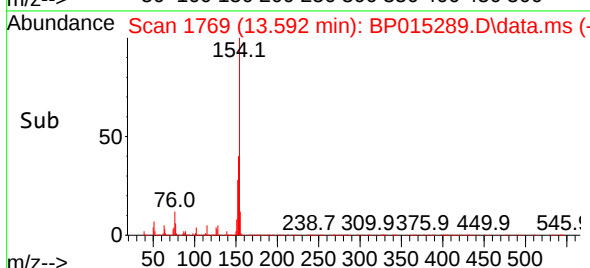
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023

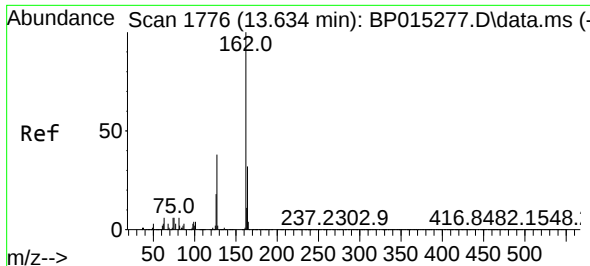


#46
1,1'-Biphenyl
Concen: 10.173 ng
RT: 13.592 min Scan# 1769
Delta R.T. 0.006 min
Lab File: BP015289.D
Acq: 25 May 2023 13:25



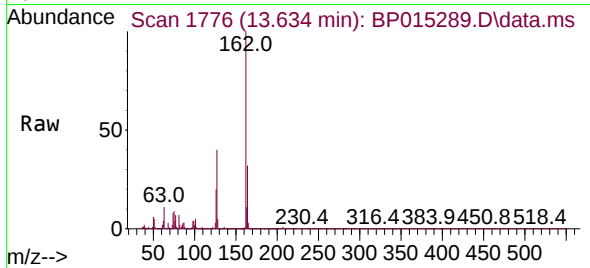
Tgt Ion:154 Resp: 326173
Ion Ratio Lower Upper
154 100
153 40.4 20.3 60.3
76 12.4 0.0 33.1





#47
2-Chloronaphthalene
Concen: 10.069 ng
RT: 13.634 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP015289.D
Acq: 25 May 2023 13:25

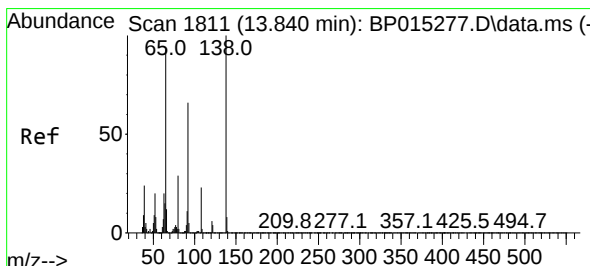
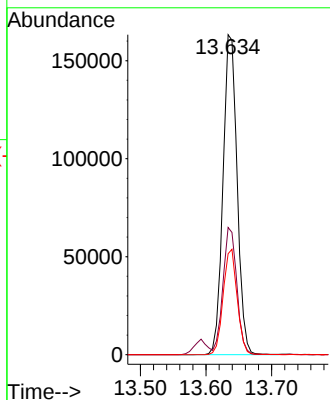
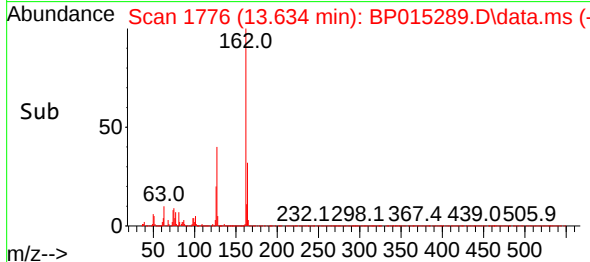
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2023



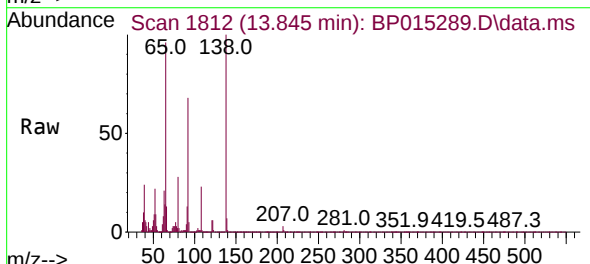
Tgt Ion:162 Resp: 243518
Ion Ratio Lower Upper
162 100
127 39.7 31.7 47.5
164 31.5 25.8 38.8

Manual Integrations
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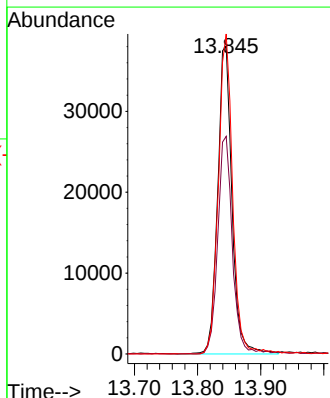
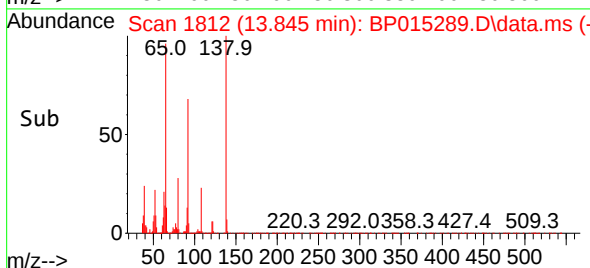
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023

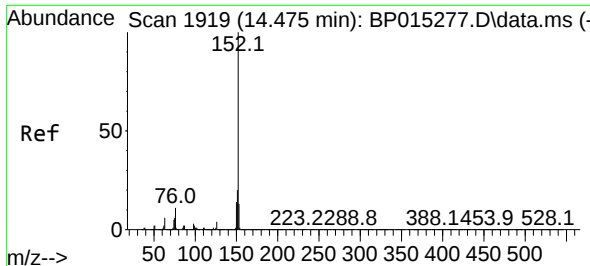


#48
2-Nitroaniline
Concen: 8.160 ng
RT: 13.845 min Scan# 1812
Delta R.T. 0.006 min
Lab File: BP015289.D
Acq: 25 May 2023 13:25



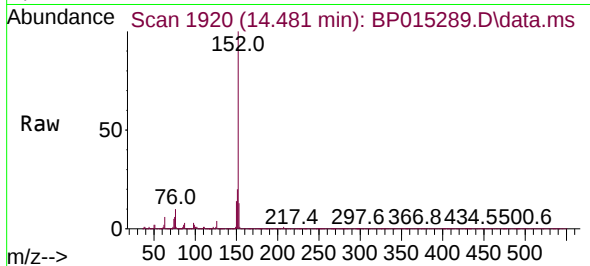
Tgt Ion: 65 Resp: 60289
Ion Ratio Lower Upper
65 100
92 70.8 56.5 84.7
138 104.0 85.7 128.5





#49
Acenaphthylene
Concen: 9.580 ng
RT: 14.481 min Scan# 1919
Delta R.T. 0.006 min
Lab File: BP015289.D
Acq: 25 May 2023 13:25

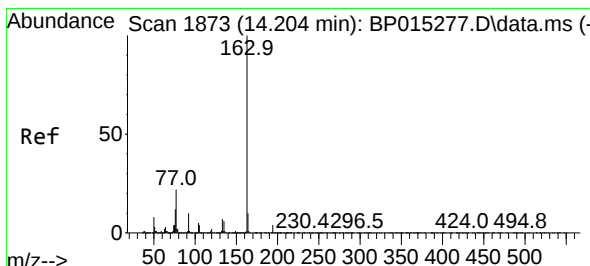
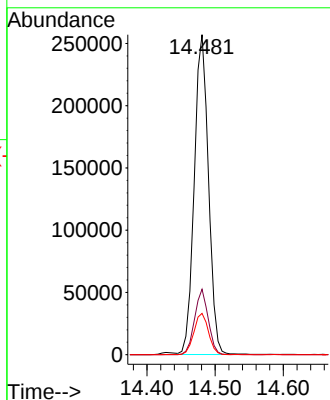
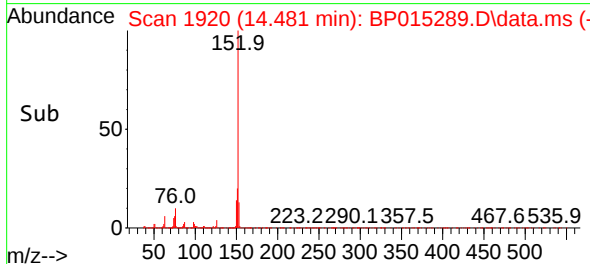
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2023



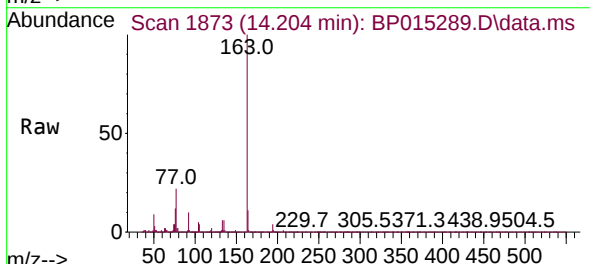
Tgt Ion:152 Resp: 370752
Ion Ratio Lower Upper
152 100
151 20.5 16.0 24.0
153 12.9 10.6 16.0

Manual Integrations
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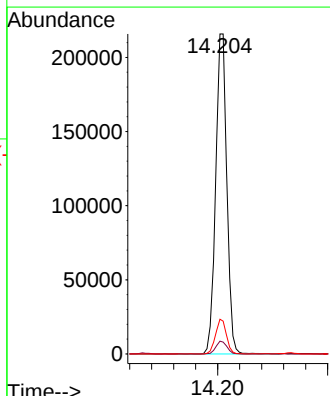
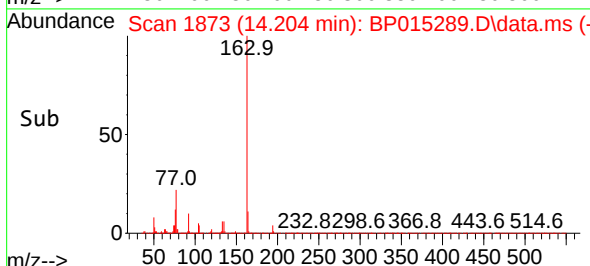
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023

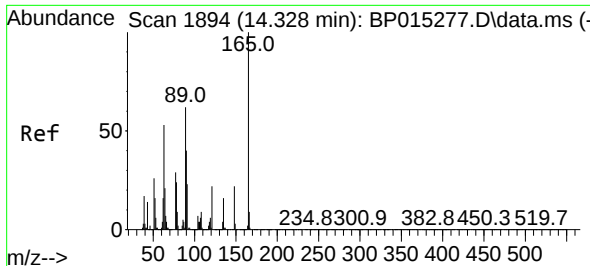


#50
Dimethylphthalate
Concen: 9.607 ng
RT: 14.204 min Scan# 1873
Delta R.T. 0.000 min
Lab File: BP015289.D
Acq: 25 May 2023 13:25



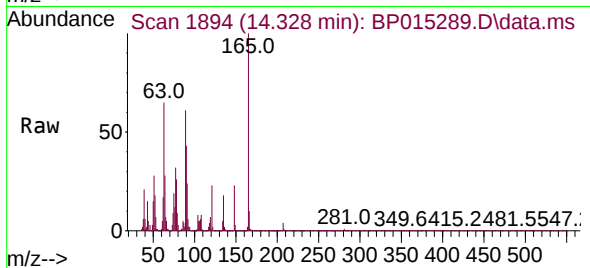
Tgt Ion:163 Resp: 304124
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.8 8.2 12.4





#51
2,6-Dinitrotoluene
Concen: 9.259 ng
RT: 14.328 min Scan# 1894
Delta R.T. -0.000 min
Lab File: BP015289.D
Acq: 25 May 2023 13:25

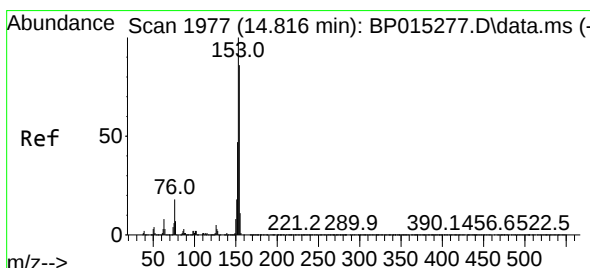
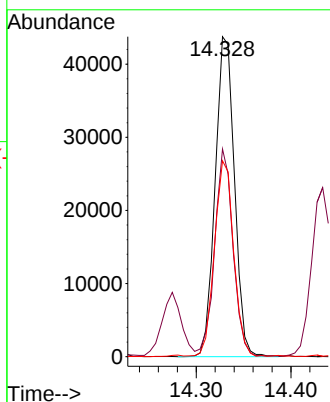
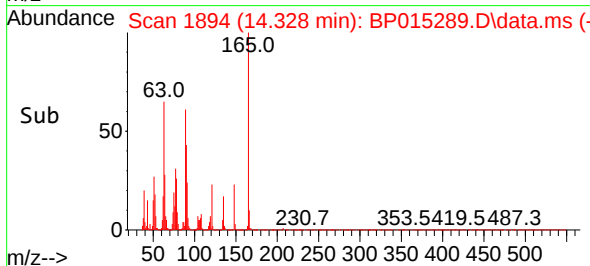
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2023



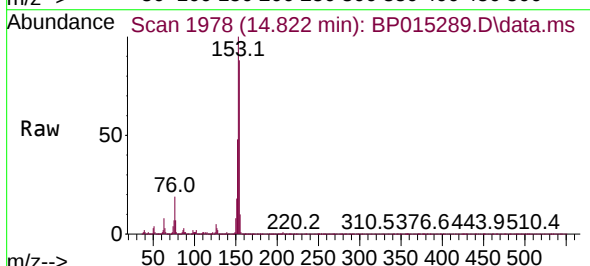
Tgt Ion:165 Resp: 6188
Ion Ratio Lower Upper
165 100
63 64.9 46.6 70.0
89 61.2 49.7 74.5

Manual Integrations
APPROVED

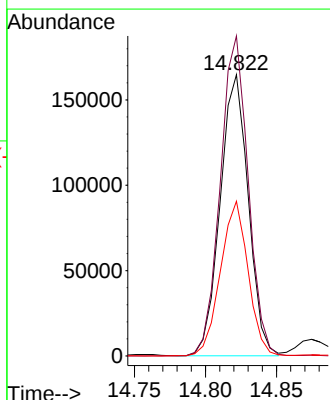
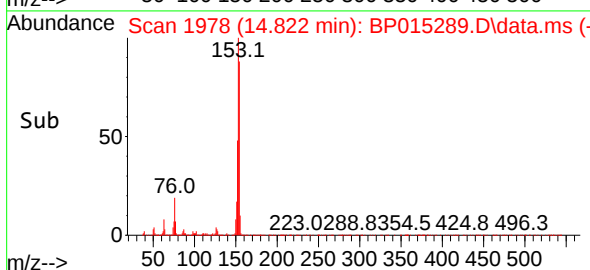
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023

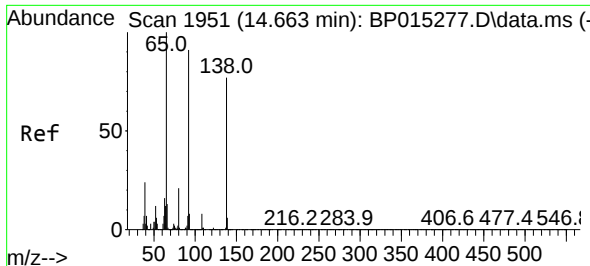


#52
Acenaphthene
Concen: 9.841 ng
RT: 14.822 min Scan# 1978
Delta R.T. 0.006 min
Lab File: BP015289.D
Acq: 25 May 2023 13:25



Tgt Ion:154 Resp: 226834
Ion Ratio Lower Upper
154 100
153 113.8 92.8 139.2
152 55.0 44.0 66.0





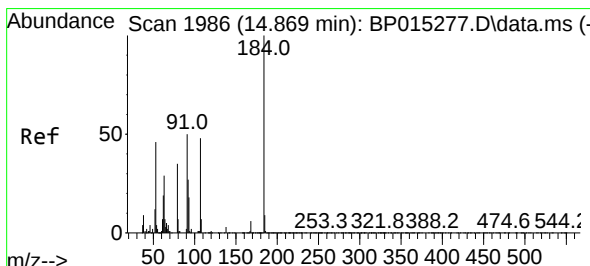
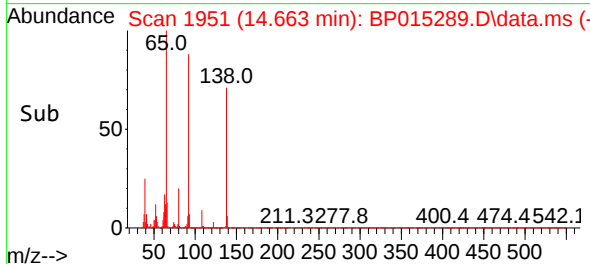
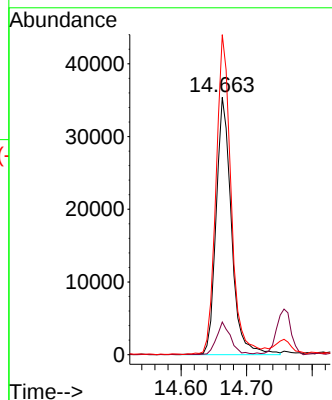
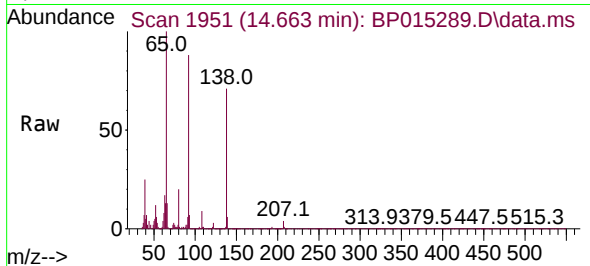
#53
3-Nitroaniline
Concen: 8.360 ng
RT: 14.663 min Scan# 1951
Delta R.T. -0.000 min
Lab File: BP015289.D
Acq: 25 May 2023 13:25

Instrument : BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2023

Tgt Ion:138 Resp: 5711
Ion Ratio Lower Upper
138 100
108 12.7 8.6 13.0
92 124.4 94.0 141.0

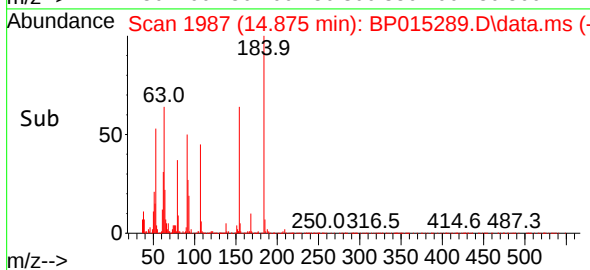
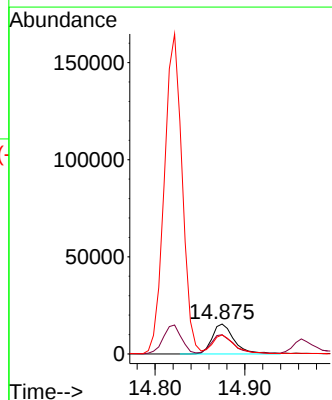
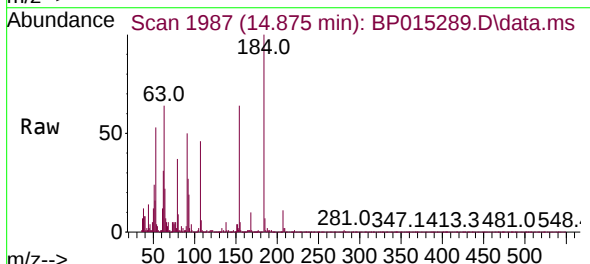
Manual Integrations
APPROVED

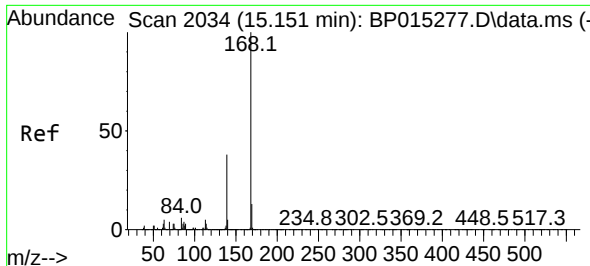
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#54
2,4-Dinitrophenol
Concen: 10.628 ng
RT: 14.875 min Scan# 1987
Delta R.T. 0.006 min
Lab File: BP015289.D
Acq: 25 May 2023 13:25

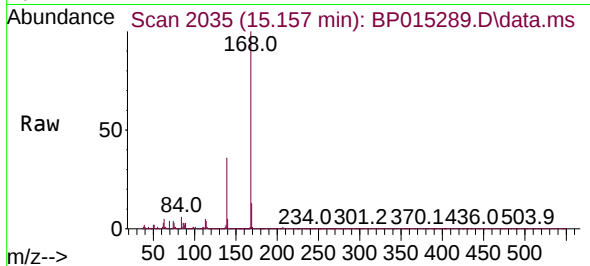
Tgt Ion:184 Resp: 26166
Ion Ratio Lower Upper
184 100
63 64.3 56.2 84.4
154 63.7 53.2 79.8





#55
Dibenzenofuran
Concen: 9.907 ng
RT: 15.157 min Scan# 2035
Delta R.T. 0.006 min
Lab File: BP015289.D
Acq: 25 May 2023 13:25

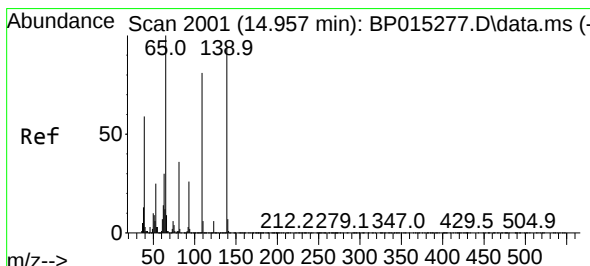
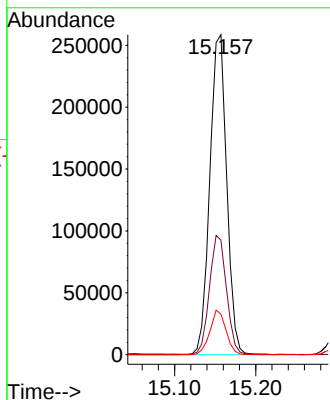
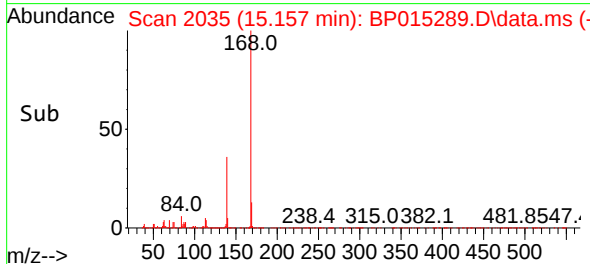
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2023



Tgt Ion:168 Resp: 373562
Ion Ratio Lower Upper
168 100
139 35.8 30.1 45.1
169 12.7 10.6 15.8

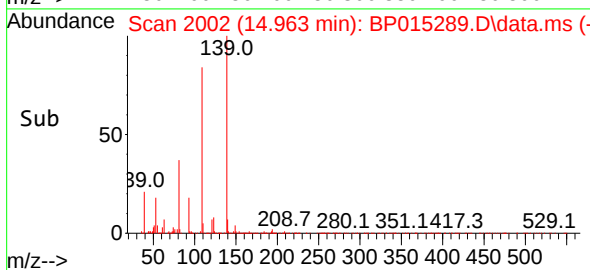
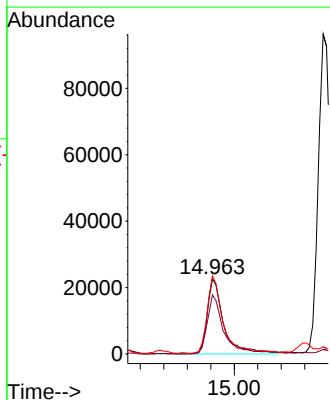
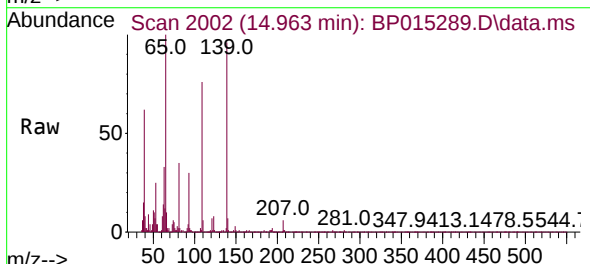
Manual Integrations
APPROVED

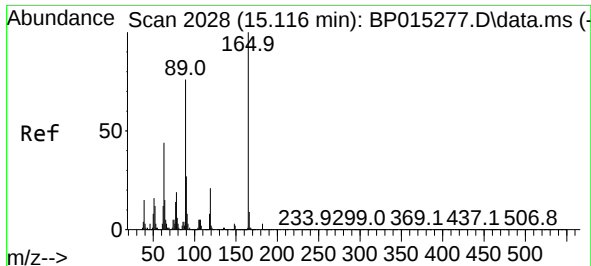
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#56
4-Nitrophenol
Concen: 10.362 ng
RT: 14.963 min Scan# 2002
Delta R.T. 0.006 min
Lab File: BP015289.D
Acq: 25 May 2023 13:25

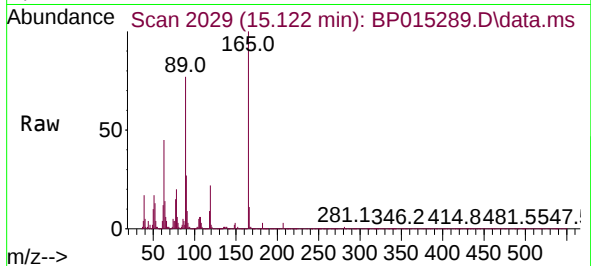
Tgt Ion:139 Resp: 43472
Ion Ratio Lower Upper
139 100
109 78.8 66.5 106.5
65 104.1 86.6 126.6





#57
2,4-Dinitrotoluene
Concen: 8.836 ng
RT: 15.122 min Scan# 2028
Delta R.T. 0.006 min
Lab File: BP015289.D
Acq: 25 May 2023 13:25

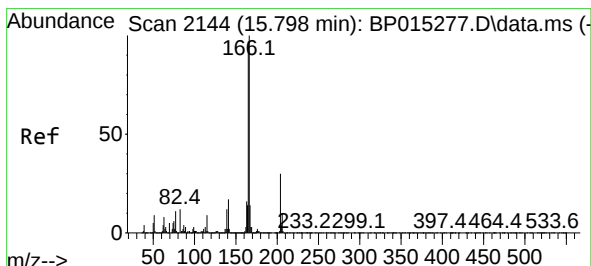
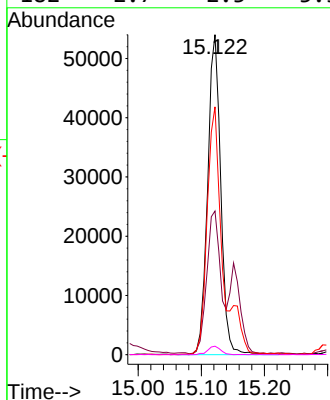
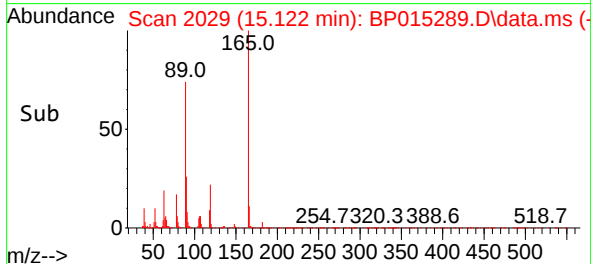
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2023



Tgt Ion:165 Resp: 77650
Ion Ratio Lower Upper
165 100
63 44.9 35.7 53.5
89 77.4 60.8 91.2
182 2.7 2.3 3.5

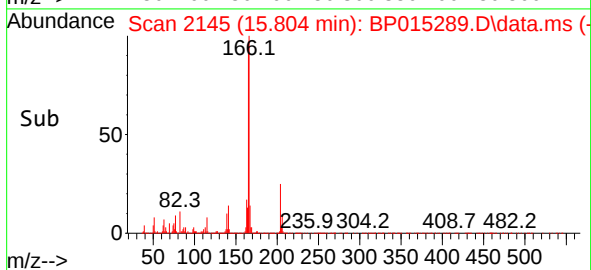
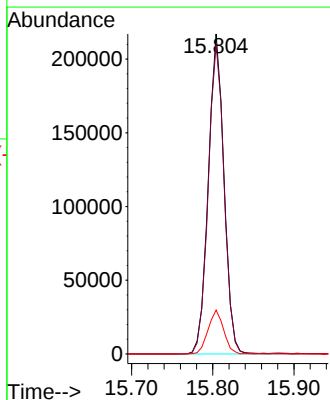
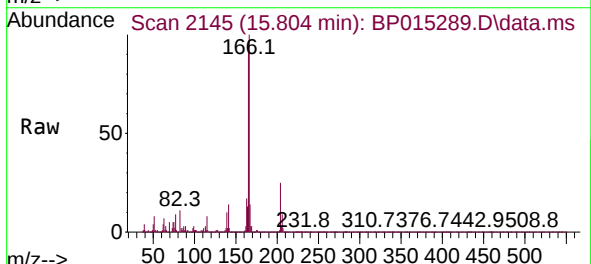
Manual Integrations
APPROVED

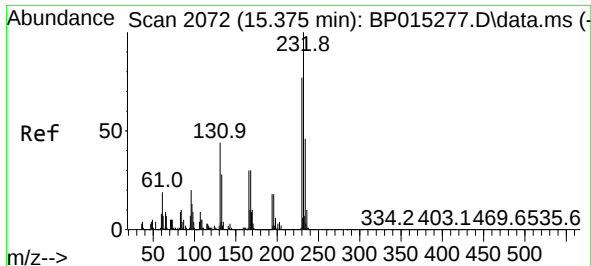
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#58
Fluorene
Concen: 9.997 ng
RT: 15.804 min Scan# 2145
Delta R.T. 0.006 min
Lab File: BP015289.D
Acq: 25 May 2023 13:25

Tgt Ion:166 Resp: 291139
Ion Ratio Lower Upper
166 100
165 96.6 77.5 116.3
167 13.7 10.9 16.3





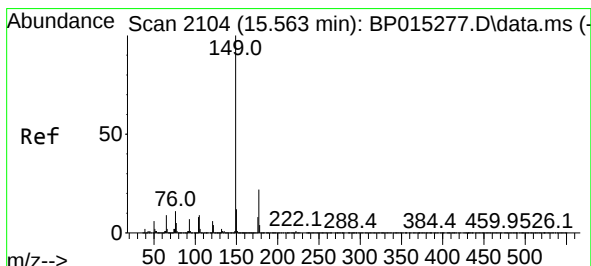
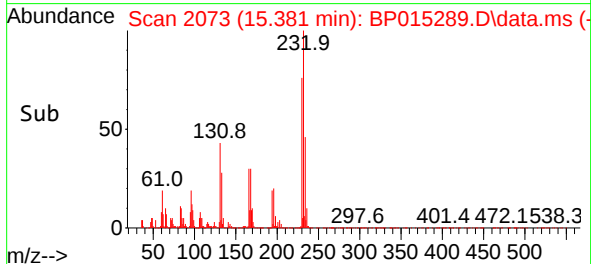
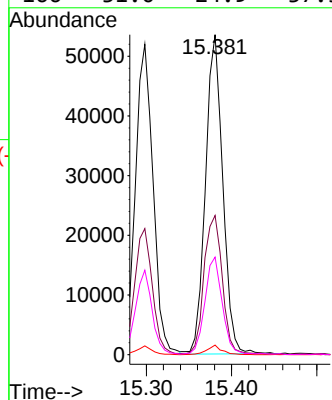
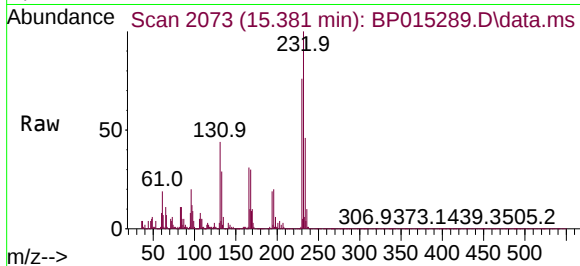
#59
2,3,4,6-Tetrachlorophenol
Concen: 9.322 ng
RT: 15.381 min Scan# 2073
Delta R.T. 0.006 min
Lab File: BP015289.D
Acq: 25 May 2023 13:25

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2023

Tgt Ion:232 Resp: 7553
Ion Ratio Lower Upper
232 100
131 46.0 36.2 54.2
130 2.6 2.0 3.0
166 31.0 24.9 37.3

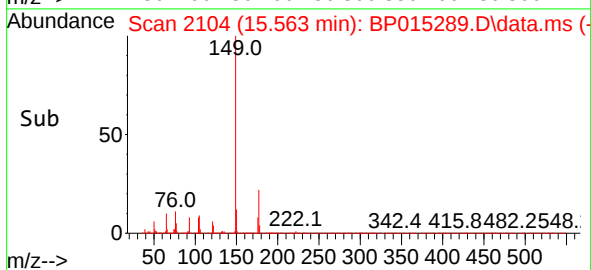
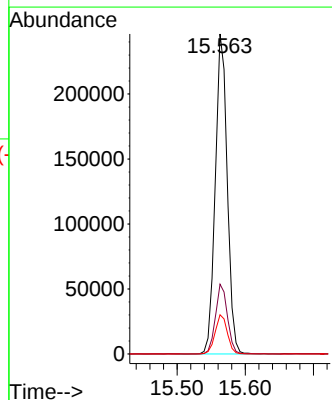
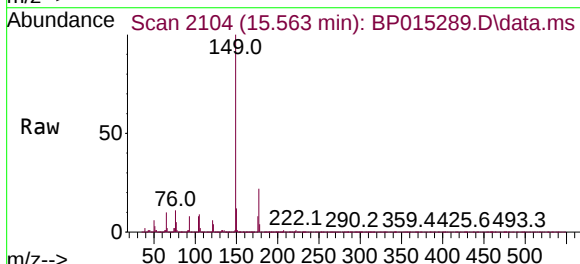
Manual Integrations
APPROVED

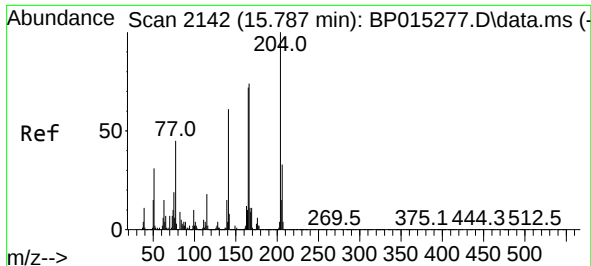
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#60
Diethylphthalate
Concen: 9.521 ng
RT: 15.563 min Scan# 2104
Delta R.T. -0.000 min
Lab File: BP015289.D
Acq: 25 May 2023 13:25

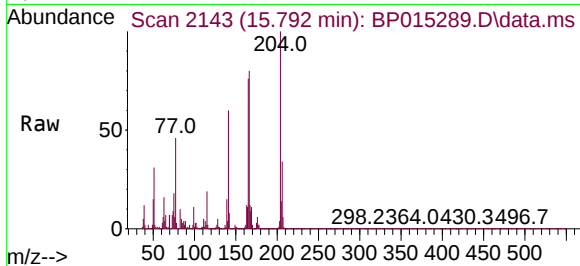
Tgt Ion:149 Resp: 300247
Ion Ratio Lower Upper
149 100
177 21.8 17.7 26.5
150 12.3 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 9.814 ng
RT: 15.792 min Scan# 2143
Delta R.T. 0.006 min
Lab File: BP015289.D
Acq: 25 May 2023 13:25

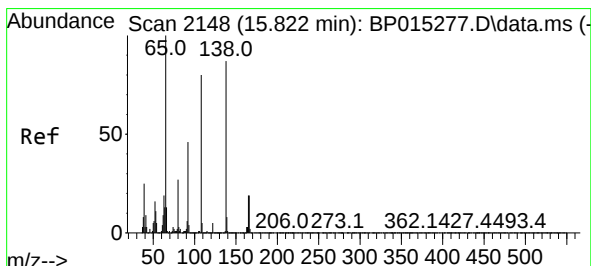
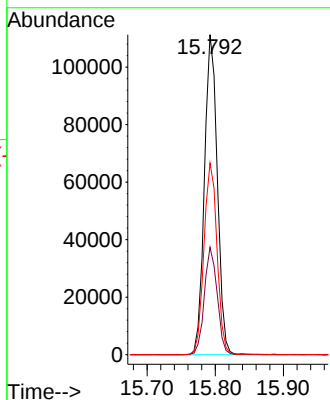
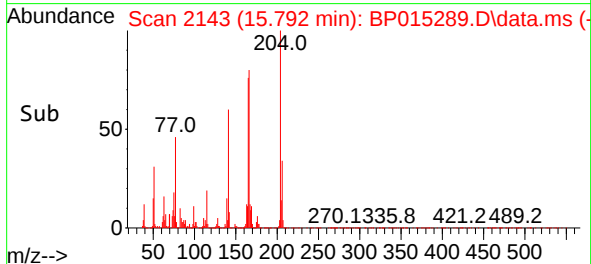
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2023



Tgt Ion: 204 Resp: 14633
Ion Ratio Lower Upper
204 100
206 33.6 26.4 39.6
141 59.9 49.0 73.4

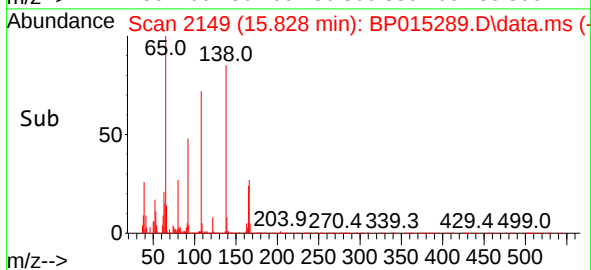
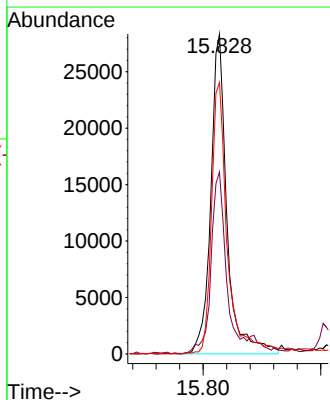
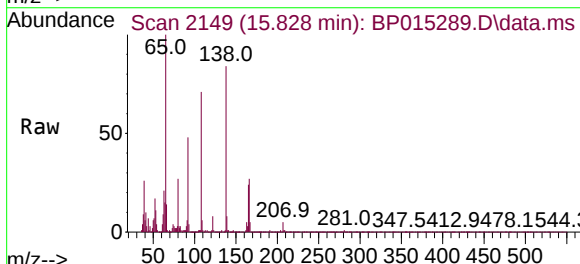
Manual Integrations
APPROVED

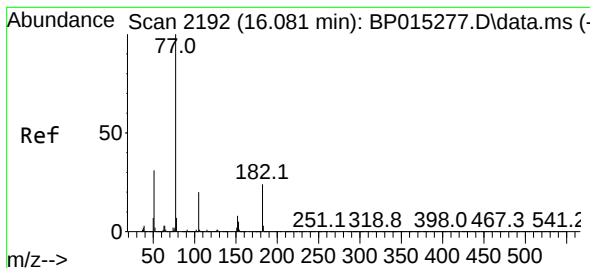
Reviewed By : Christian Giraldo 05/26/2023
Supervised By : Jagrut Upadhyay 05/26/2023



#62
4-Nitroaniline
Concen: 9.312 ng
RT: 15.828 min Scan# 2149
Delta R.T. 0.006 min
Lab File: BP015289.D
Acq: 25 May 2023 13:25

Tgt Ion: 138 Resp: 54061
Ion Ratio Lower Upper
138 100
92 56.9 33.1 73.1
108 84.8 71.0 111.0





#63

Azobenzene

Concen: 9.491 ng

RT: 16.086 min Scan# 2192

Delta R.T. 0.006 min

Lab File: BP015289.D

Acq: 25 May 2023 13:25

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT2-2023

Tgt Ion: 77 Resp: 28552

Ion Ratio Lower Upper

77 100

182 23.7 3.9 43.9

105 20.7 0.3 40.3

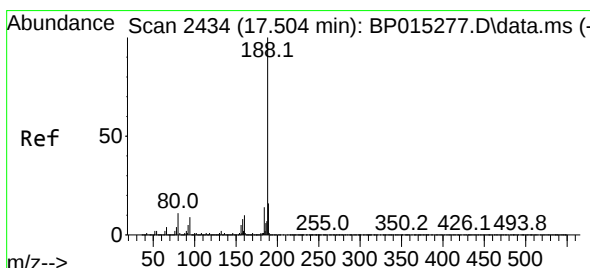
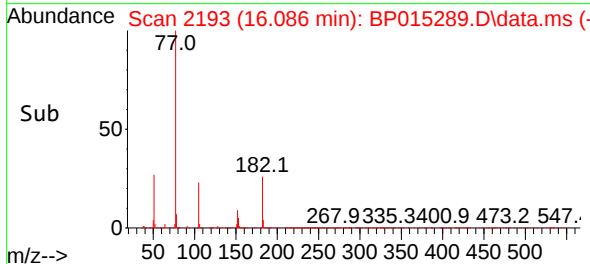
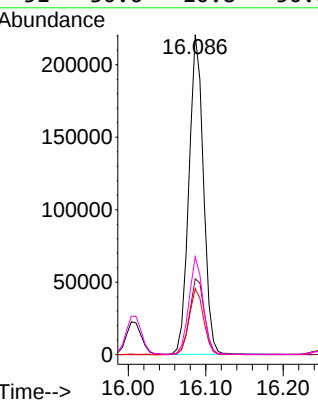
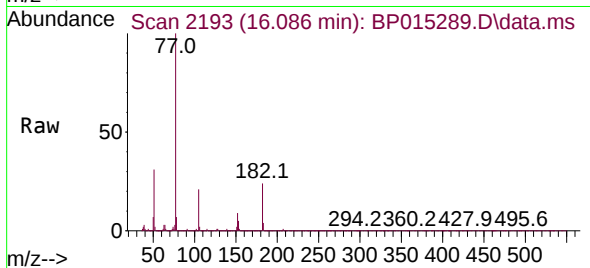
51 30.6 10.8 50.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/26/2023

Supervised By :Jagrut Upadhyay 05/26/2023



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.510 min Scan# 2435

Delta R.T. 0.006 min

Lab File: BP015289.D

Acq: 25 May 2023 13:25

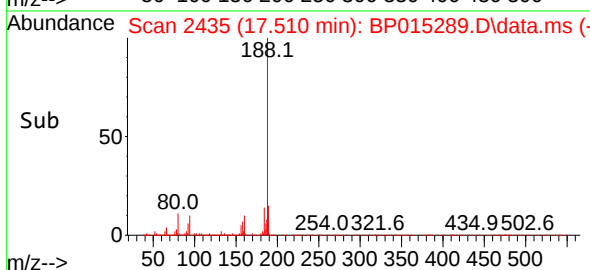
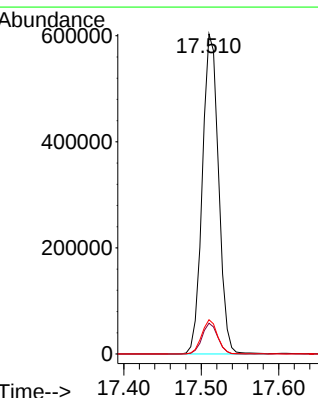
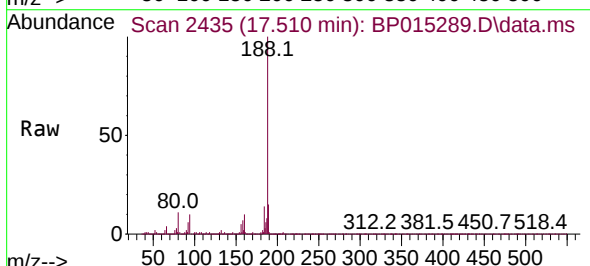
Tgt Ion:188 Resp: 876759

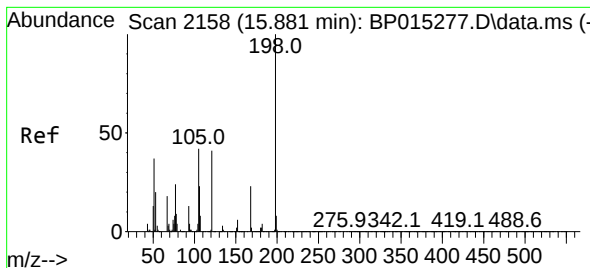
Ion Ratio Lower Upper

188 100

94 9.6 7.4 11.0

80 10.7 8.6 13.0





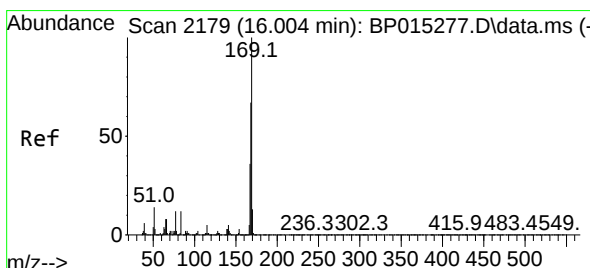
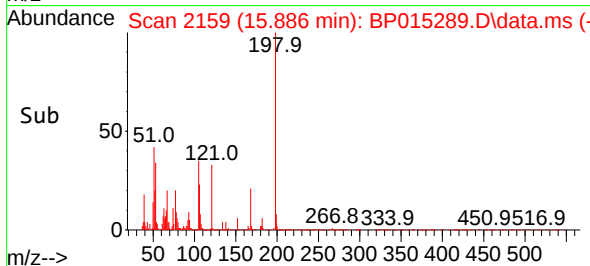
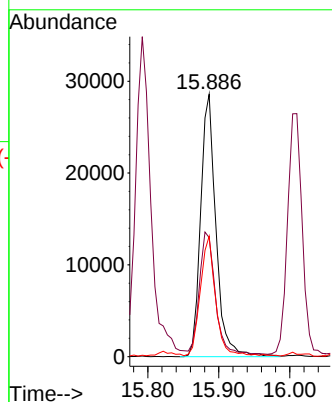
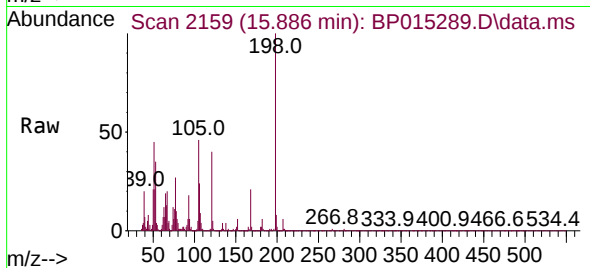
#65
4,6-Dinitro-2-methylphenol
Concen: 8.055 ng
RT: 15.886 min Scan# 2158
Delta R.T. 0.006 min
Lab File: BP015289.D
Acq: 25 May 2023 13:25

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2023

Tgt Ion:198 Resp: 42894
Ion Ratio Lower Upper
198 100
51 45.3 25.4 65.4
105 45.9 23.3 63.3

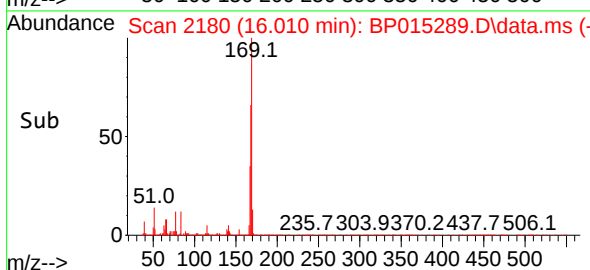
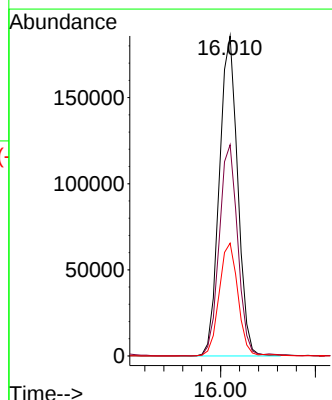
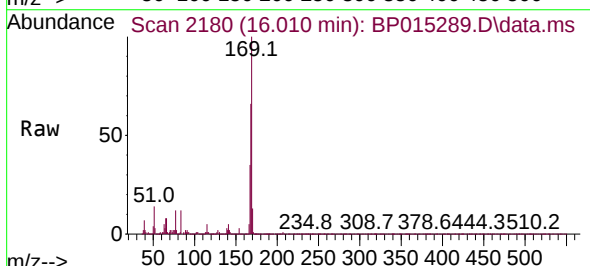
Manual Integrations
APPROVED

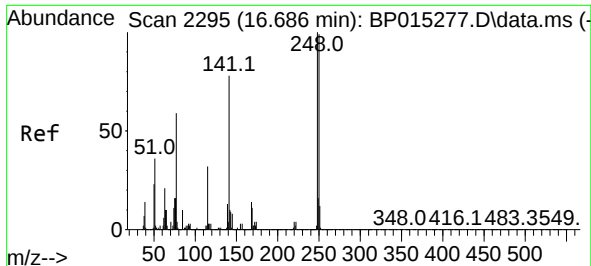
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#66
n-Nitrosodiphenylamine
Concen: 9.570 ng
RT: 16.010 min Scan# 2180
Delta R.T. 0.006 min
Lab File: BP015289.D
Acq: 25 May 2023 13:25

Tgt Ion:169 Resp: 250026
Ion Ratio Lower Upper
169 100
168 66.0 53.4 80.2
167 35.2 29.0 43.6





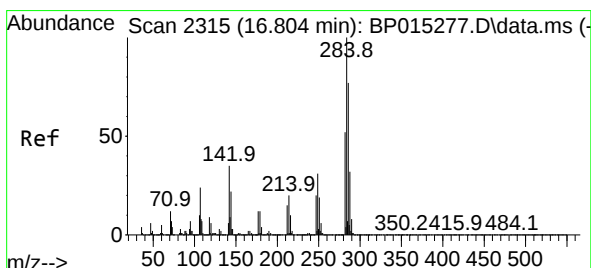
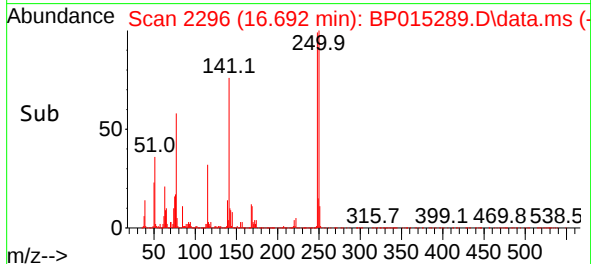
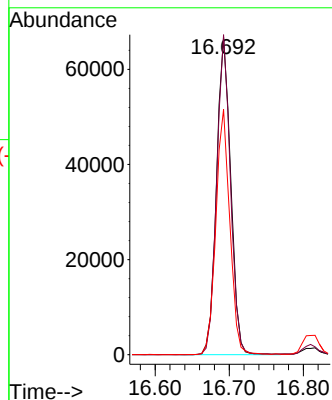
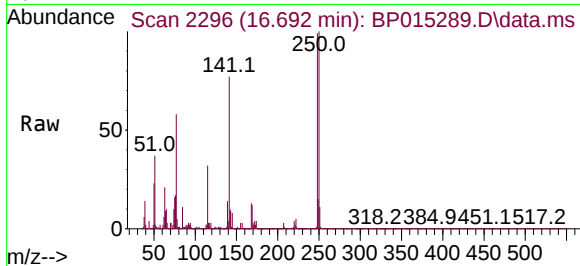
#67
4-Bromophenyl-phenylether
Concen: 9.360 ng
RT: 16.692 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP015289.D
Acq: 25 May 2023 13:25

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2023

Tgt Ion:248 Resp: 8873
Ion Ratio Lower Upper
248 100
250 100.8 79.0 118.4
141 77.3 62.4 93.6

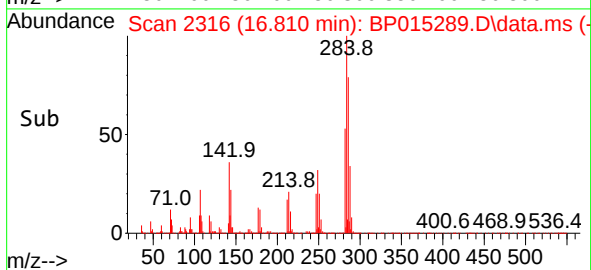
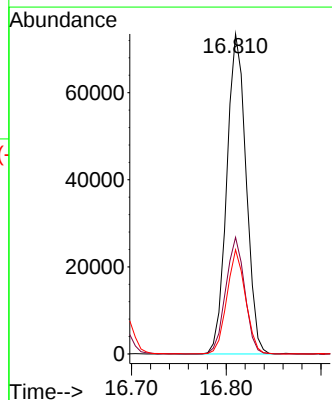
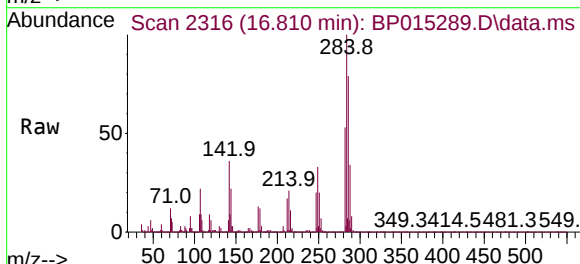
Manual Integrations
APPROVED

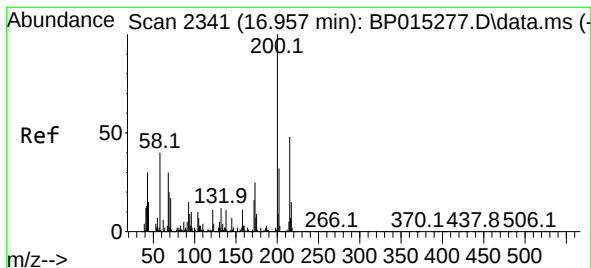
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#68
Hexachlorobenzene
Concen: 9.954 ng
RT: 16.810 min Scan# 2316
Delta R.T. 0.006 min
Lab File: BP015289.D
Acq: 25 May 2023 13:25

Tgt Ion:284 Resp: 103927
Ion Ratio Lower Upper
284 100
142 36.4 28.2 42.2
249 32.5 25.0 37.6





#69

Atrazine

Concen: 10.564 ng

RT: 16.957 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP015289.D

Acq: 25 May 2023 13:25

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT2-2023

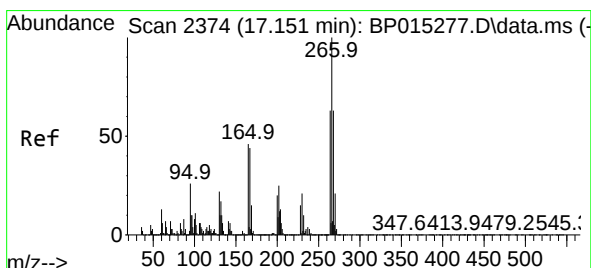
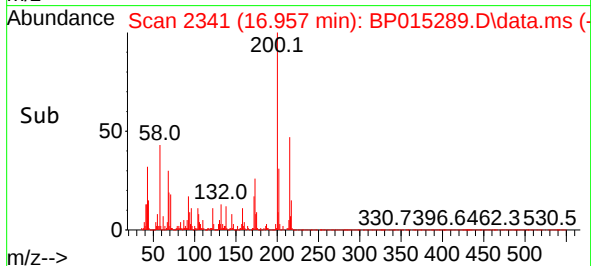
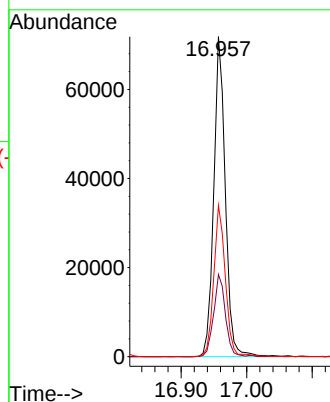
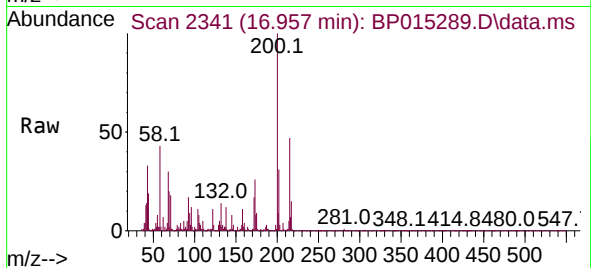
Tgt Ion:	200	Resp:	88128
Ion Ratio	Lower	Upper	
200	100		
173	25.7	4.7	44.7
215	47.3	27.5	67.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/26/2023

Supervised By :Jagrut Upadhyay 05/26/2023



#70

Pentachlorophenol

Concen: 7.691 ng

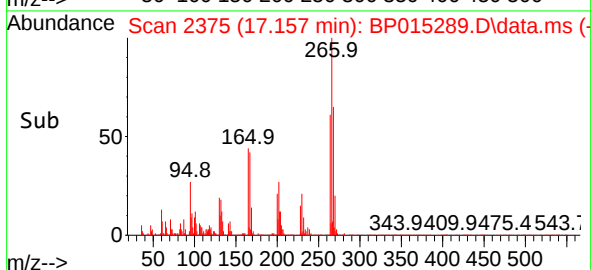
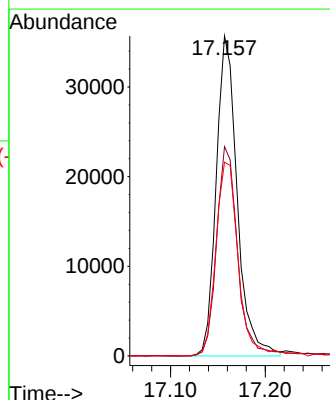
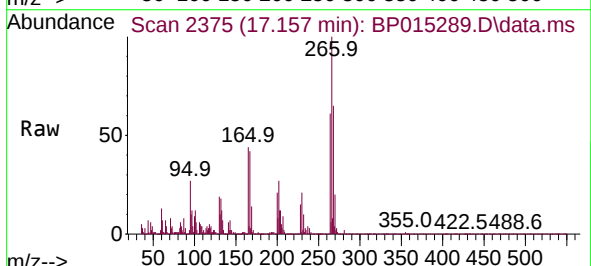
RT: 17.157 min Scan# 2375

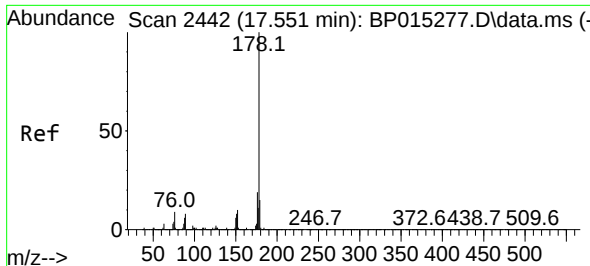
Delta R.T. 0.006 min

Lab File: BP015289.D

Acq: 25 May 2023 13:25

Tgt Ion:	266	Resp:	55029
Ion Ratio	Lower	Upper	
266	100		
268	65.4	50.0	75.0
264	60.5	50.4	75.6





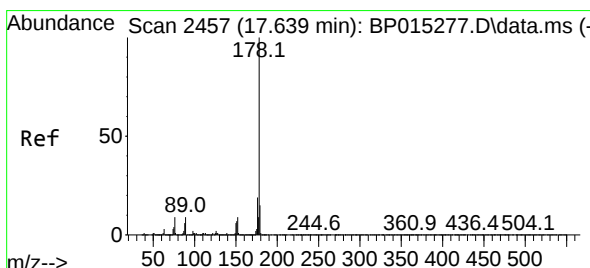
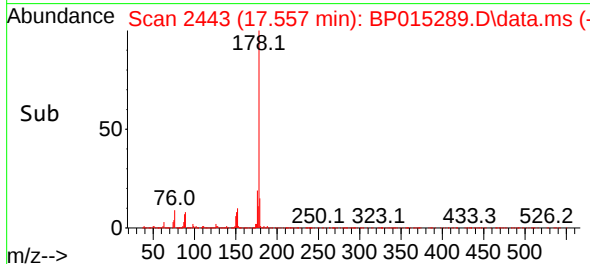
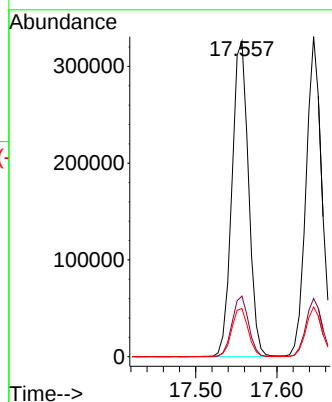
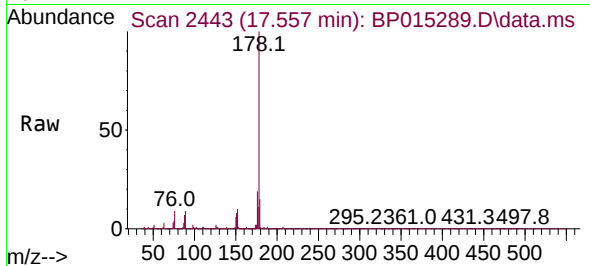
#71
Phenanthrene
Concen: 9.887 ng
RT: 17.557 min Scan# 2442
Delta R.T. 0.006 min
Lab File: BP015289.D
Acq: 25 May 2023 13:25

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2023

Tgt Ion:178 Resp: 462015
Ion Ratio Lower Upper
178 100
176 19.2 15.3 22.9
179 15.3 12.3 18.5

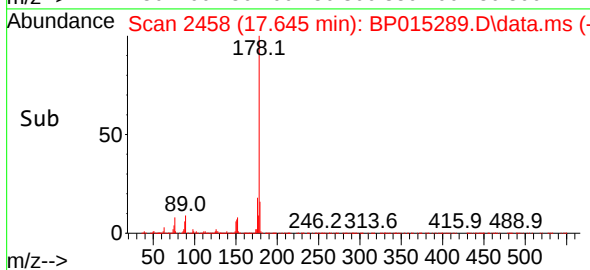
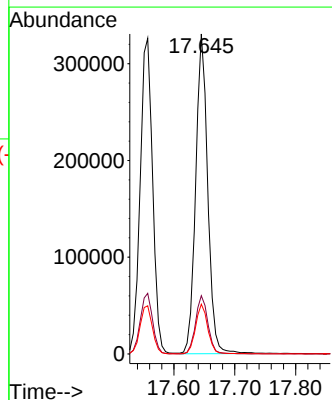
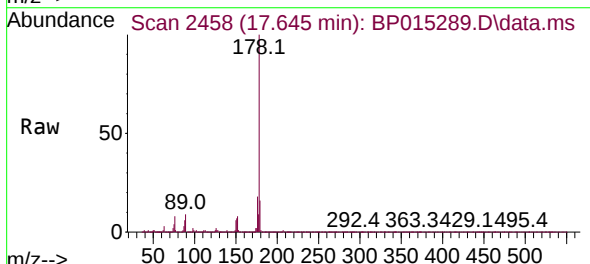
Manual Integrations
APPROVED

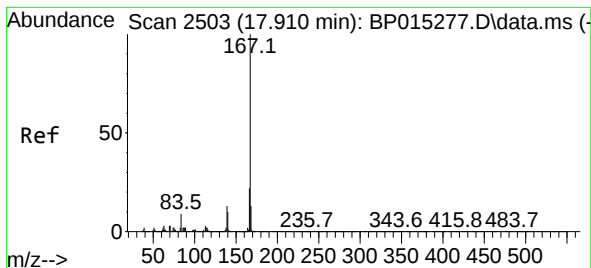
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#72
Anthracene
Concen: 9.694 ng
RT: 17.645 min Scan# 2458
Delta R.T. 0.006 min
Lab File: BP015289.D
Acq: 25 May 2023 13:25

Tgt Ion:178 Resp: 453670
Ion Ratio Lower Upper
178 100
176 18.2 15.1 22.7
179 15.6 12.2 18.4





#73

Carbazole

Concen: 9.816 ng

RT: 17.916 min Scan# 2503

Delta R.T. 0.006 min

Lab File: BP015289.D

Acq: 25 May 2023 13:25

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT2-2023

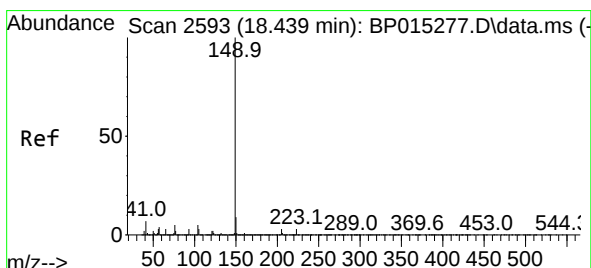
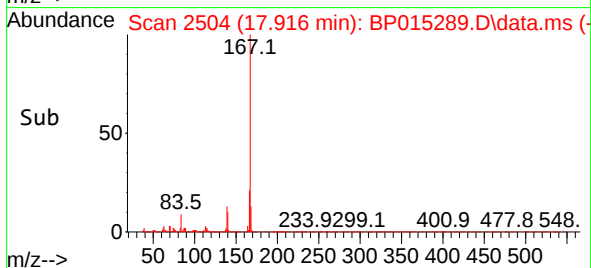
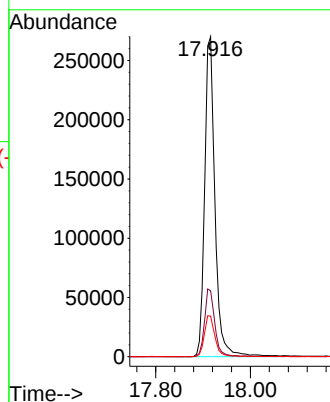
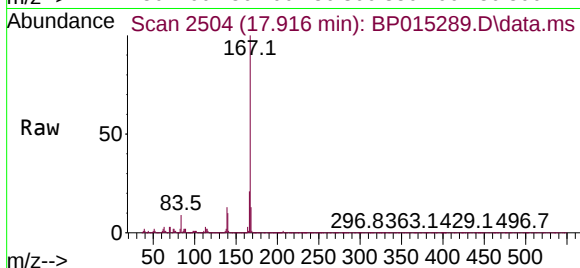
Tgt Ion	Ratio	Lower	Upper
167	100		
166	20.6	17.4	26.0
139	12.6	10.2	15.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/26/2023

Supervised By :Jagrut Upadhyay 05/26/2023



#74

Di-n-butylphthalate

Concen: 9.115 ng

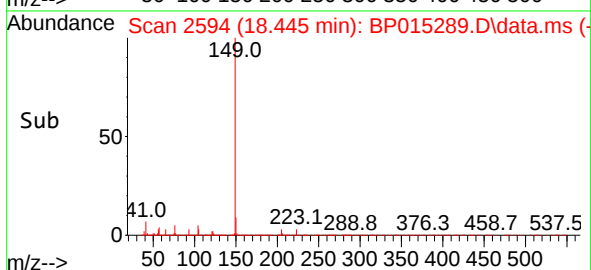
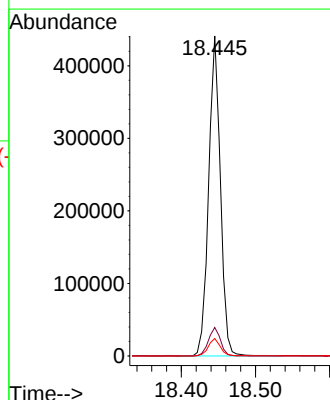
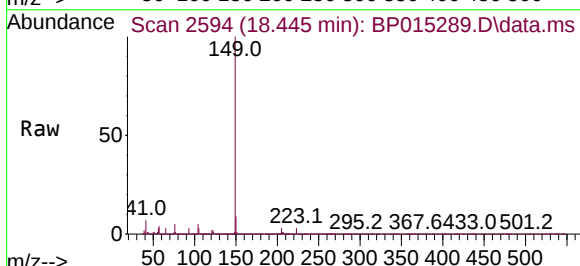
RT: 18.445 min Scan# 2594

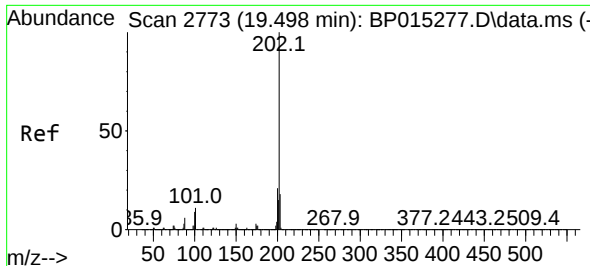
Delta R.T. 0.006 min

Lab File: BP015289.D

Acq: 25 May 2023 13:25

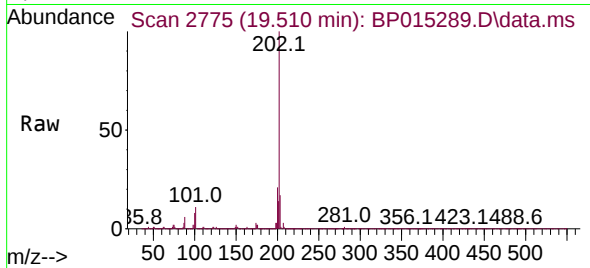
Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.3	10.9
104	5.4	4.4	6.6





#75
Fluoranthene
Concen: 9.741 ng
RT: 19.510 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP015289.D
Acq: 25 May 2023 13:25

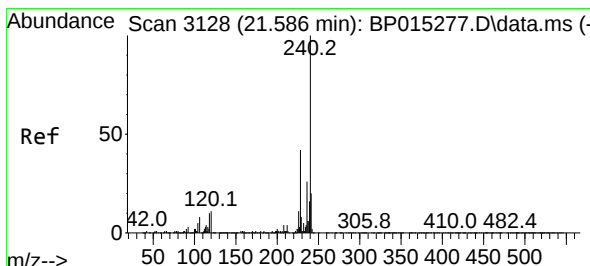
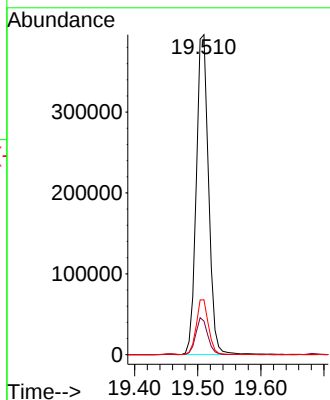
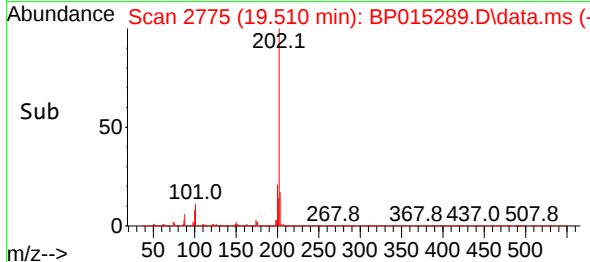
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2023



Tgt Ion:202 Resp: 53176
Ion Ratio Lower Upper
202 100
101 10.5 0.0 31.4
203 17.2 0.0 37.6

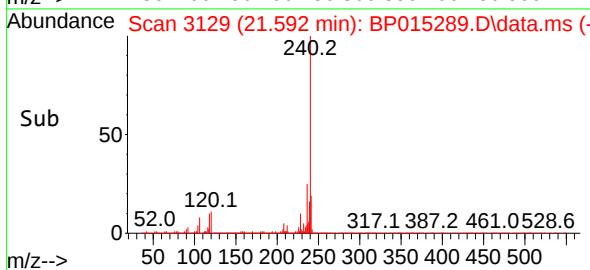
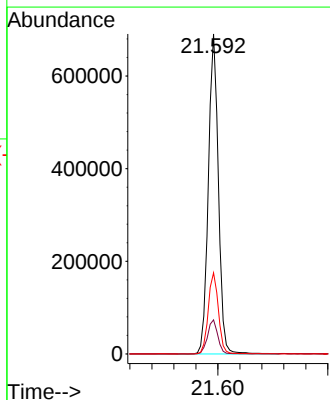
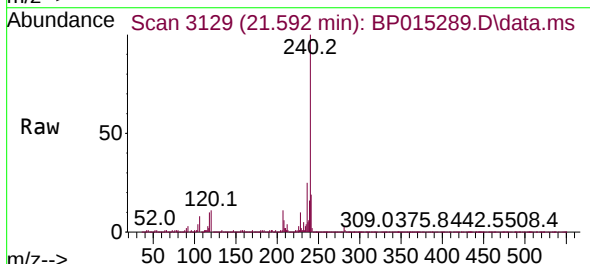
Manual Integrations
APPROVED

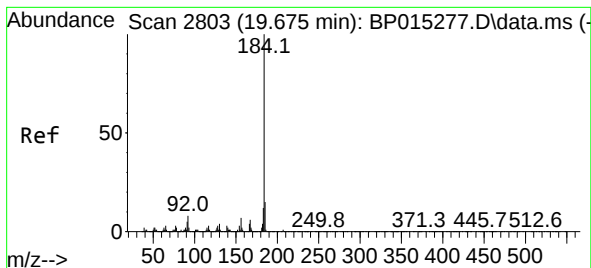
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.592 min Scan# 3129
Delta R.T. 0.006 min
Lab File: BP015289.D
Acq: 25 May 2023 13:25

Tgt Ion:240 Resp: 871676
Ion Ratio Lower Upper
240 100
120 10.6 8.8 13.2
236 25.4 20.5 30.7





#77

Benzidine

Concen: 18.089 ng

RT: 19.686 min Scan# 2805

Delta R.T. 0.012 min

Lab File: BP015289.D

Acq: 25 May 2023 13:25

Instrument :

BNA_P

ClientSampleId :

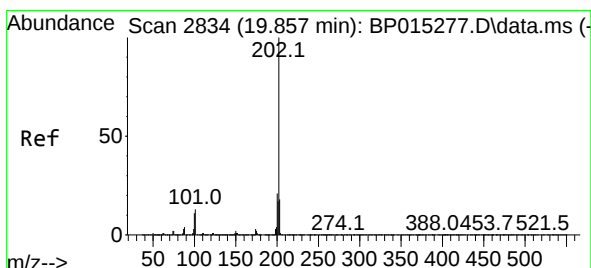
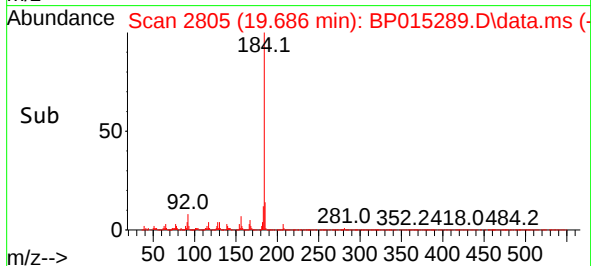
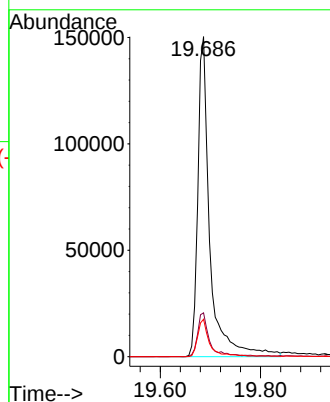
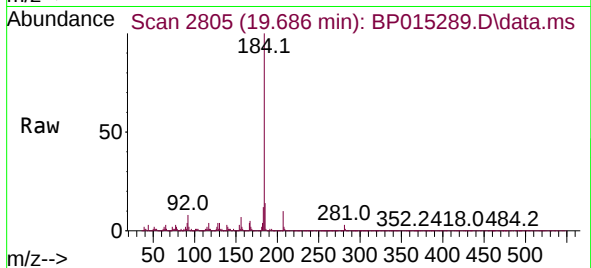
LOQ-WATER-02-QT2-2023

Tgt Ion:184 Resp: 24969
 Ion Ratio Lower Upper
 184 100
 185 13.7 11.6 17.4
 183 11.7 9.4 14.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/26/2023
 Supervised By :Jagrut Upadhyay 05/26/2023



#78

Pyrene

Concen: 9.208 ng

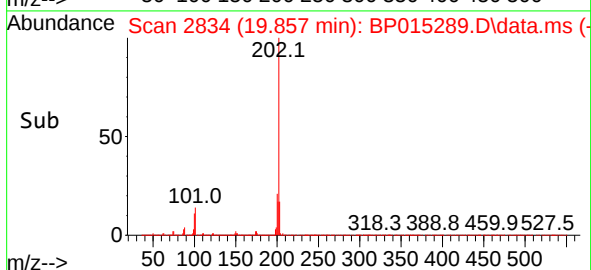
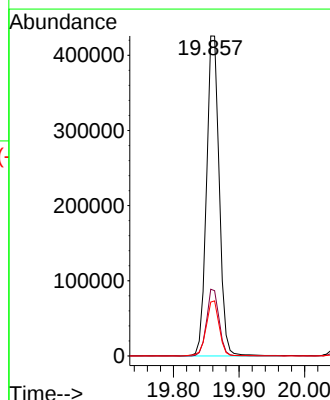
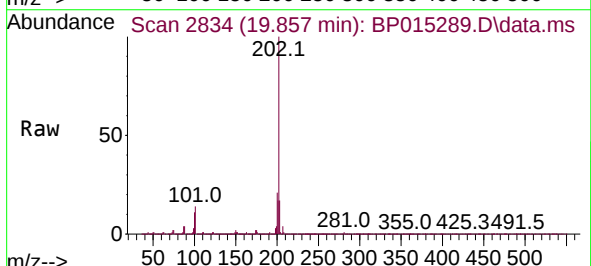
RT: 19.857 min Scan# 2834

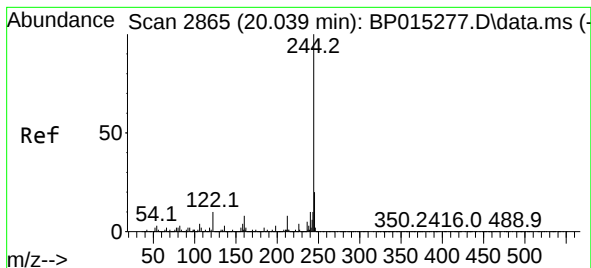
Delta R.T. -0.000 min

Lab File: BP015289.D

Acq: 25 May 2023 13:25

Tgt Ion:202 Resp: 574285
 Ion Ratio Lower Upper
 202 100
 200 20.9 17.1 25.7
 203 16.9 14.2 21.2





#79

Terphenyl-d14

Concen: 76.086 ng

RT: 20.051 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP015289.D

Acq: 25 May 2023 13:25

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT2-2023

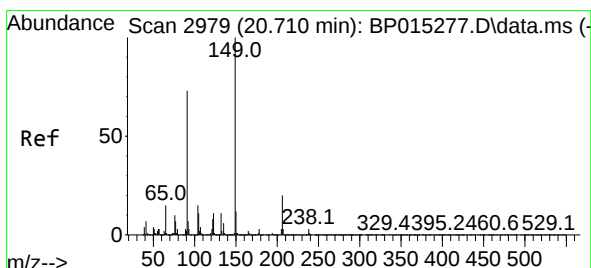
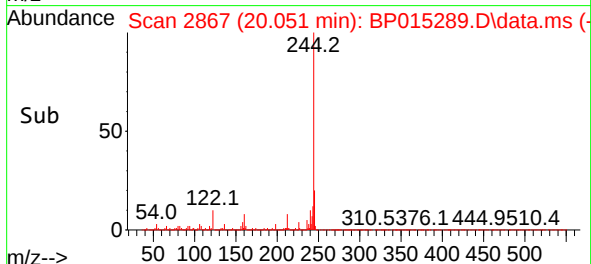
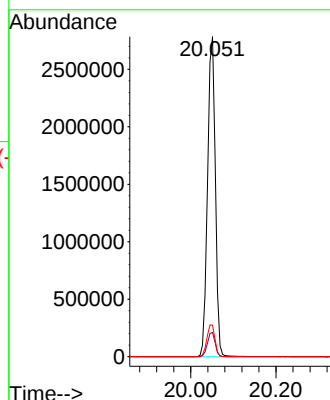
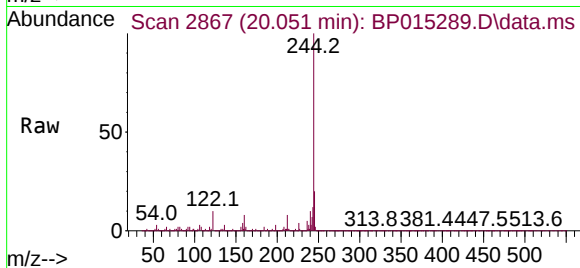
Tgt Ion:244 Resp: 352599

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.0	9.0
122	9.8	8.2	12.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#80

Butylbenzylphthalate

Concen: 8.091 ng

RT: 20.716 min Scan# 2980

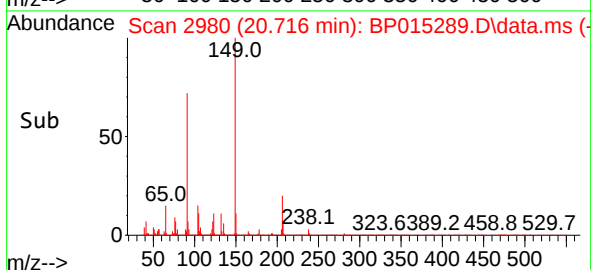
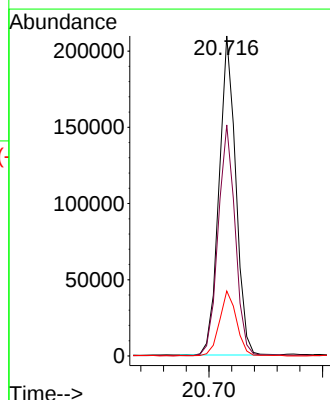
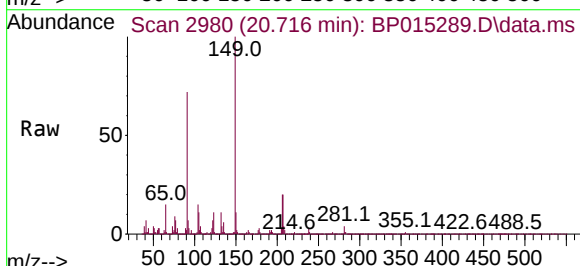
Delta R.T. 0.006 min

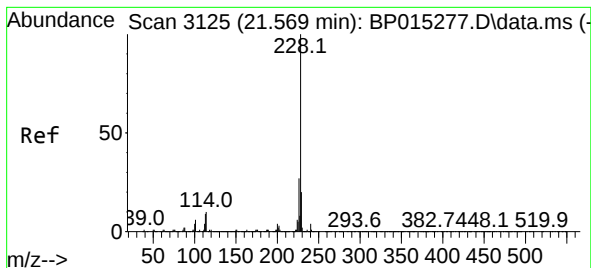
Lab File: BP015289.D

Acq: 25 May 2023 13:25

Tgt Ion:149 Resp: 213858

Ion	Ratio	Lower	Upper
149	100		
91	72.2	58.2	87.2
206	20.3	16.2	24.4





#81

Benzo(a)anthracene

Concen: 9.528 ng

RT: 21.574 min Scan# 3114

Delta R.T. 0.006 min

Lab File: BP015289.D

Acq: 25 May 2023 13:25

Instrument :

BNA_P

ClientSampleId :

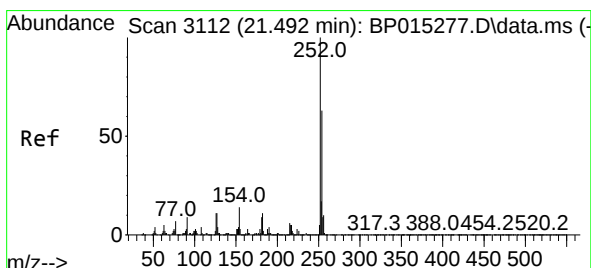
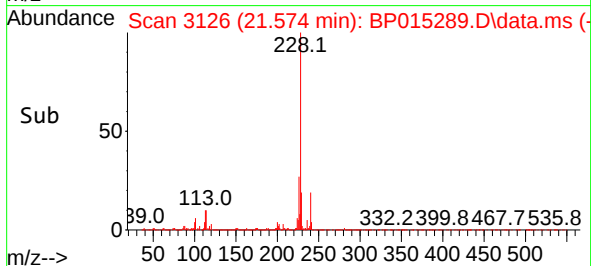
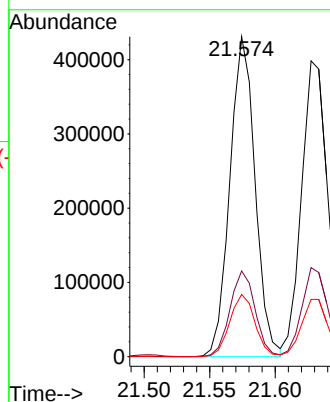
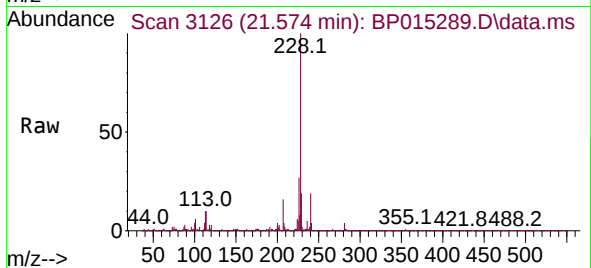
LOQ-WATER-02-QT2-2023

Tgt Ion:228 Resp: 577078
 Ion Ratio Lower Upper
 228 100
 226 26.8 21.7 32.5
 229 19.4 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/26/2023
 Supervised By :Jagrut Upadhyay 05/26/2023



#82

3,3'-Dichlorobenzidine

Concen: 11.475 ng

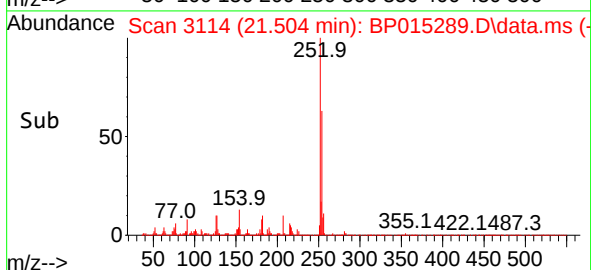
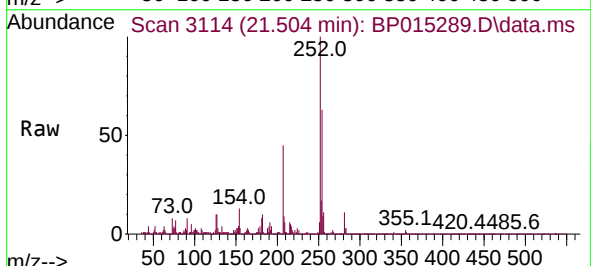
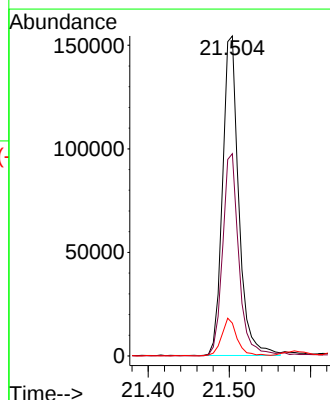
RT: 21.504 min Scan# 3114

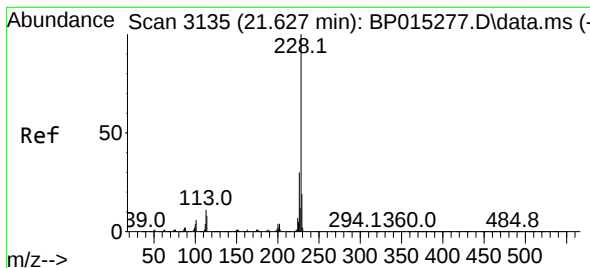
Delta R.T. 0.012 min

Lab File: BP015289.D

Acq: 25 May 2023 13:25

Tgt Ion:252 Resp: 214658
 Ion Ratio Lower Upper
 252 100
 254 63.2 50.7 76.1
 126 10.3 8.7 13.1





#83

Chrysene

Concen: 9.573 ng

RT: 21.627 min Scan# 3135

Delta R.T. -0.000 min

Lab File: BP015289.D

Acq: 25 May 2023 13:25

Instrument :

BNA_P

ClientSampleId :

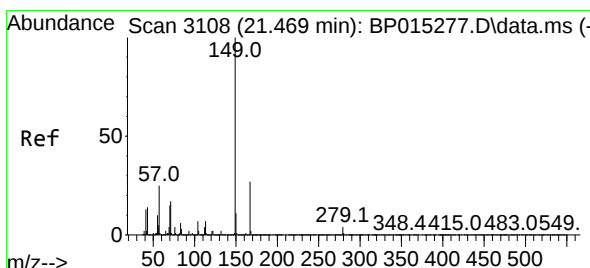
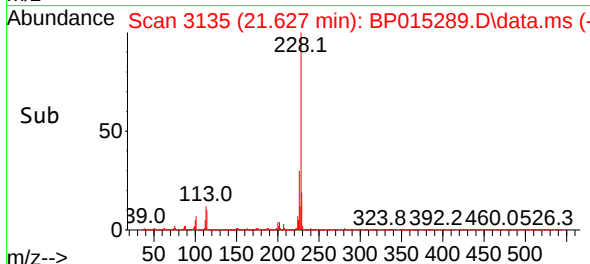
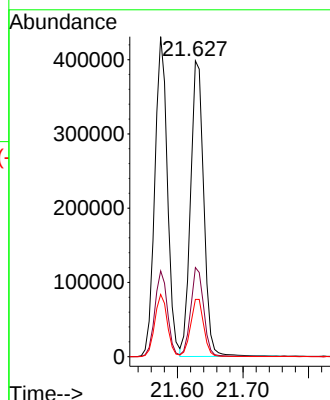
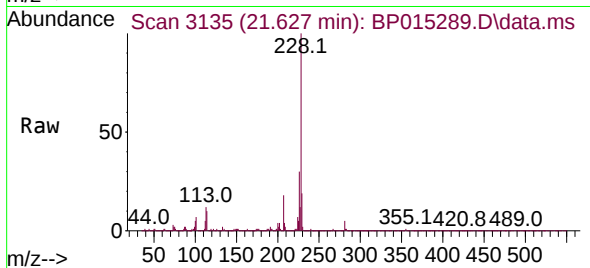
LOQ-WATER-02-QT2-2023

Tgt Ion:	228	Resp:	555954
Ion Ratio	Lower	Upper	
228	100		
226	30.1	23.8	35.6
229	19.4	15.5	23.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 8.413 ng

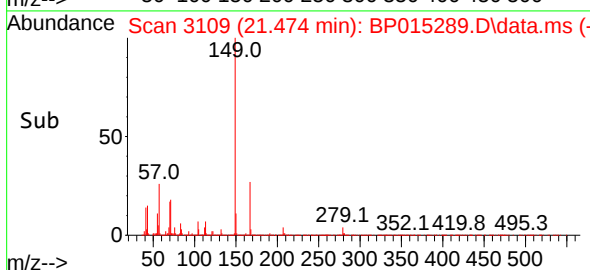
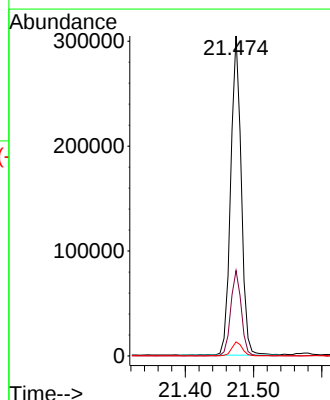
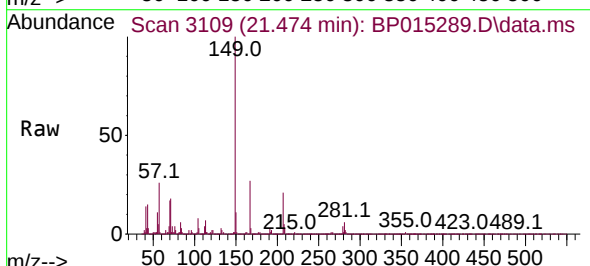
RT: 21.474 min Scan# 3109

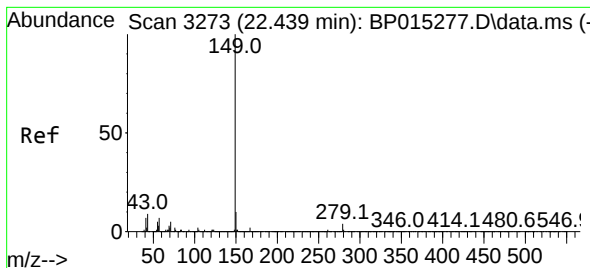
Delta R.T. 0.006 min

Lab File: BP015289.D

Acq: 25 May 2023 13:25

Tgt Ion:	149	Resp:	327494
Ion Ratio	Lower	Upper	
149	100		
167	26.7	21.6	32.4
279	4.4	3.5	5.3





#85

Di-n-octyl phthalate

Concen: 8.441 ng

RT: 22.445 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP015289.D

Acq: 25 May 2023 13:25

Instrument :

BNA_P

ClientSampleId :

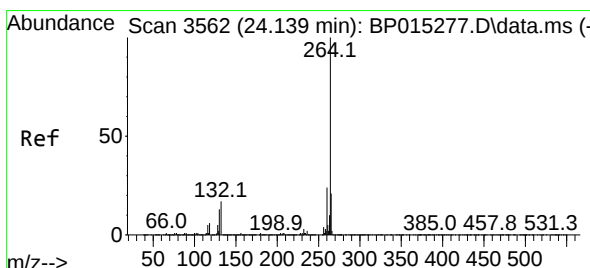
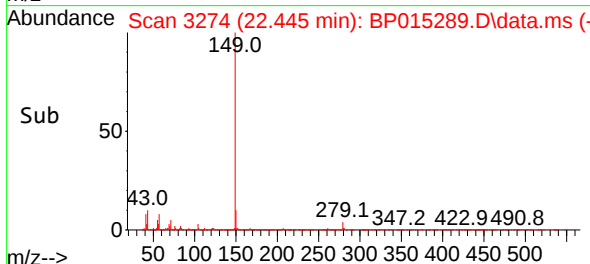
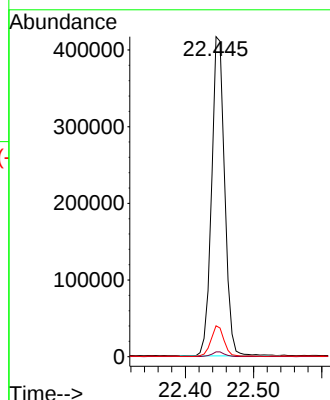
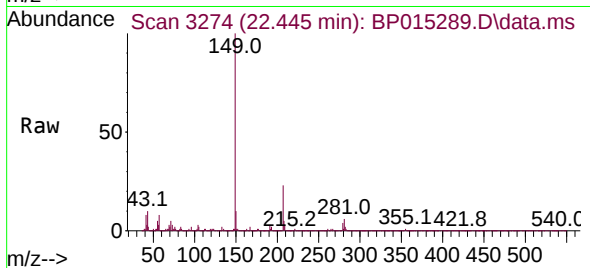
LOQ-WATER-02-QT2-2023

Tgt Ion:149	Resp: 55585
Ion Ratio	Lower Upper
149 100	
167 1.5	1.3 1.9
43 9.7	7.3 10.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#86

Perylene-d12

Concen: 20.000 ng

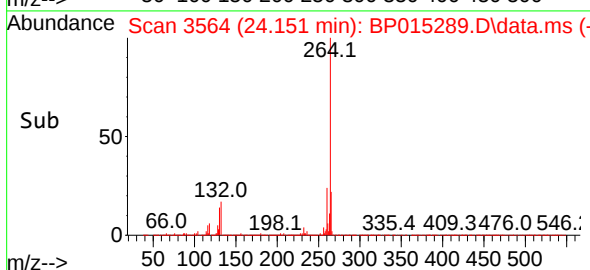
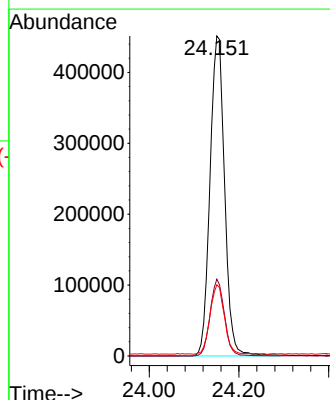
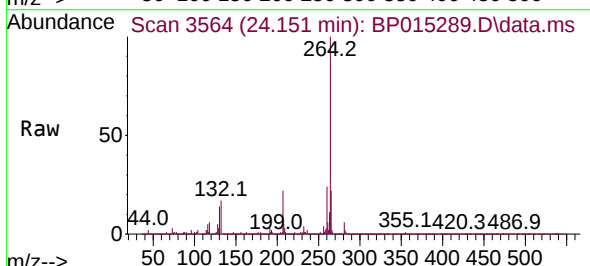
RT: 24.151 min Scan# 3564

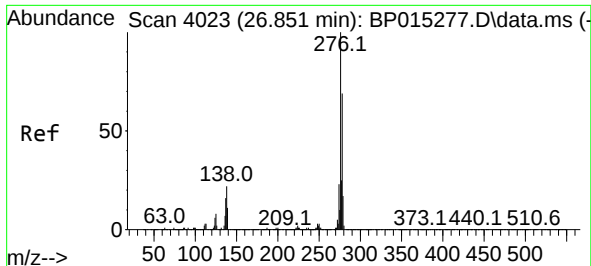
Delta R.T. 0.012 min

Lab File: BP015289.D

Acq: 25 May 2023 13:25

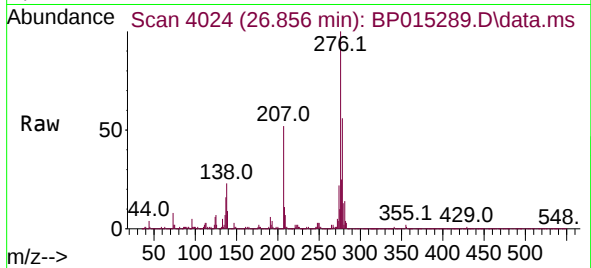
Tgt Ion:264	Resp: 1020488
Ion Ratio	Lower Upper
264 100	
260 24.0	19.0 28.6
265 22.2	17.5 26.3





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 9.537 ng
 RT: 26.856 min Scan# 4023
 Delta R.T. 0.006 min
 Lab File: BP015289.D
 Acq: 25 May 2023 13:25

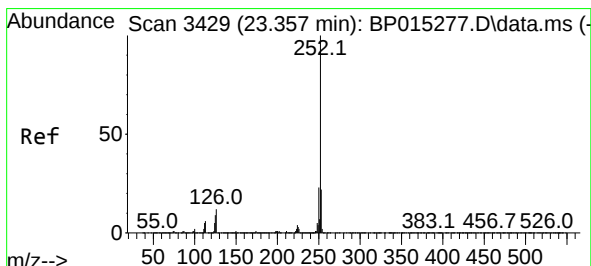
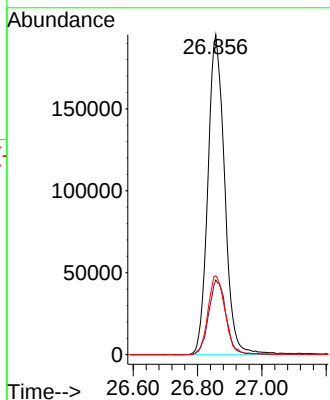
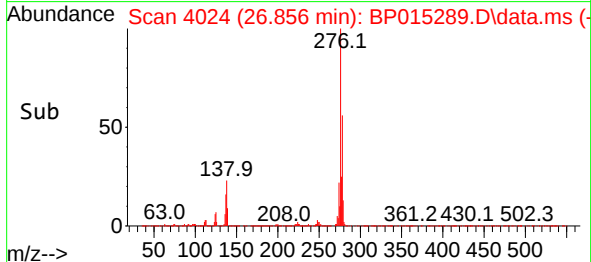
Instrument :
 BNA_P
 ClientSampleId :
 LOQ-WATER-02-QT2-2023



Tgt Ion: 276 Resp: 70542
 Ion Ratio Lower Upper
 276 100
 138 24.0 19.0 28.6
 277 25.2 20.2 30.2

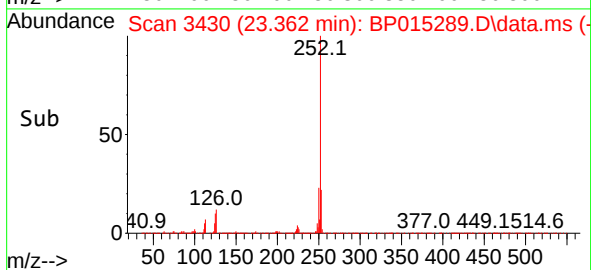
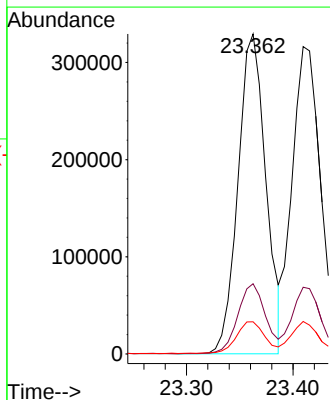
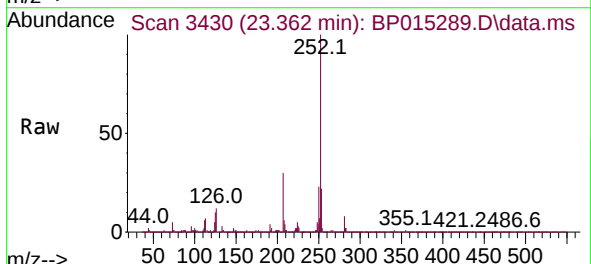
Manual Integrations
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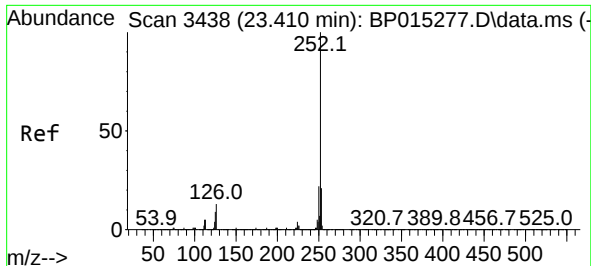
Reviewed By : Christian Giraldo 05/26/2023
 Supervised By : Jagrut Upadhyay 05/26/2023



#88
 Benzo(b)fluoranthene
 Concen: 9.634 ng
 RT: 23.362 min Scan# 3430
 Delta R.T. 0.006 min
 Lab File: BP015289.D
 Acq: 25 May 2023 13:25

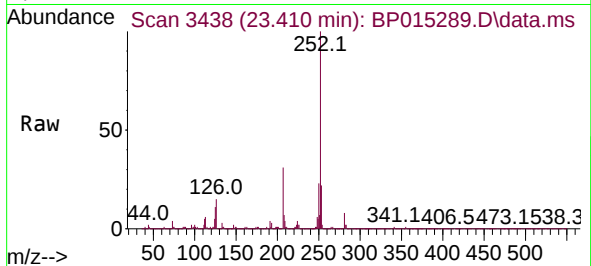
Tgt Ion: 252 Resp: 597736
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.4 26.2
 125 10.0 7.2 10.8





#89
Benzo(k)fluoranthene
Concen: 9.609 ng
RT: 23.410 min Scan# 3438
Delta R.T. -0.000 min
Lab File: BP015289.D
Acq: 25 May 2023 13:25

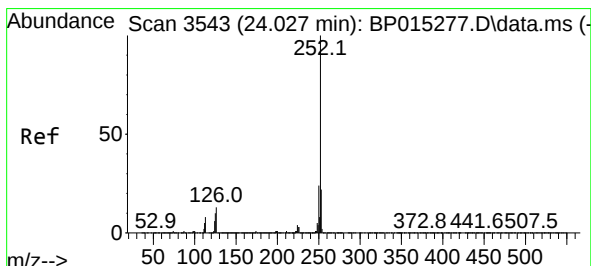
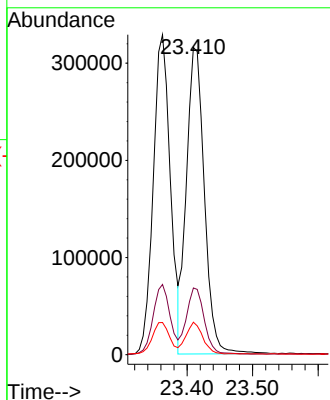
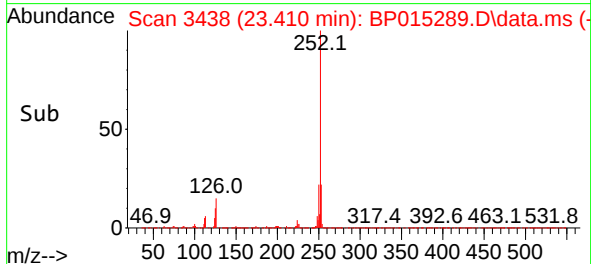
Instrument : BNA_P
ClientSampleId : LOQ-WATER-02-QT2-2023



Tgt Ion:252 Resp: 600348
Ion Ratio Lower Upper
252 100
253 21.7 17.0 25.4
125 10.6 7.4 11.0

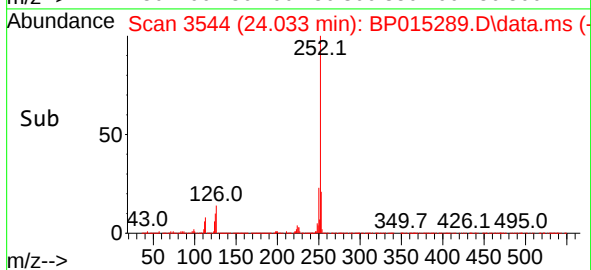
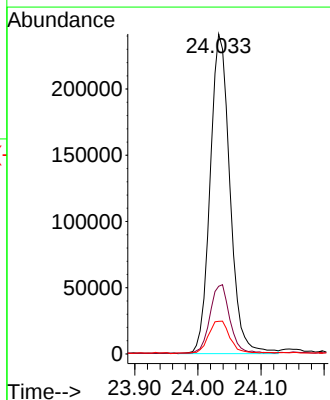
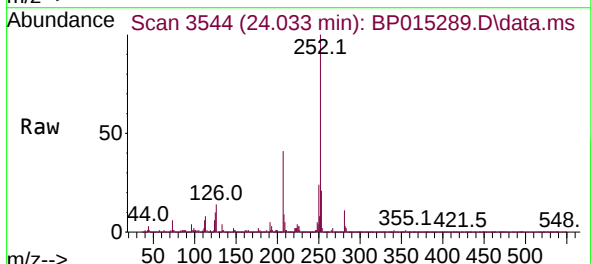
Manual Integrations
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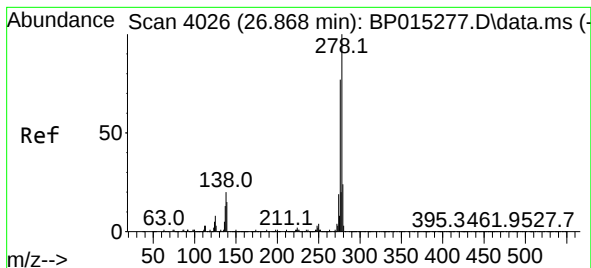
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#90
Benzo(a)pyrene
Concen: 8.768 ng
RT: 24.033 min Scan# 3544
Delta R.T. 0.006 min
Lab File: BP015289.D
Acq: 25 May 2023 13:25

Tgt Ion:252 Resp: 525224
Ion Ratio Lower Upper
252 100
253 21.2 17.4 26.2
125 10.2 8.4 12.6





#91

Dibenzo(a,h)anthracene

Concen: 9.560 ng

RT: 26.880 min Scan# 4026

Delta R.T. 0.012 min

Lab File: BP015289.D

Acq: 25 May 2023 13:25

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT2-2023

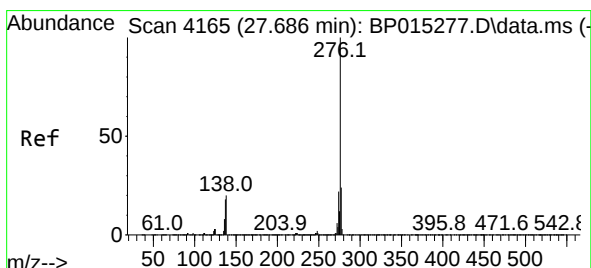
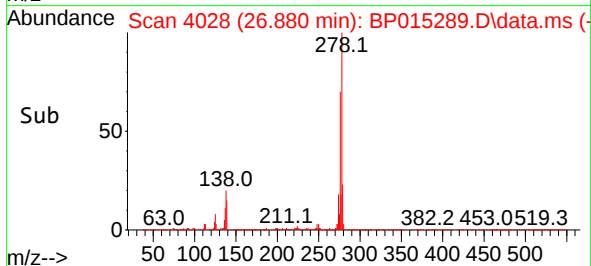
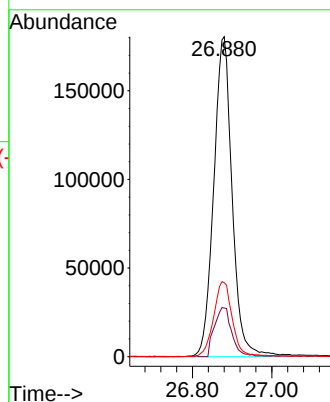
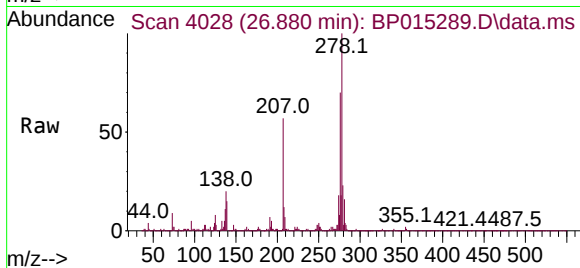
Tgt Ion:	278	Resp:	580729
Ion Ratio	Lower	Upper	
278	100		
139	15.2	12.3	18.5
279	23.2	19.3	28.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/26/2023

Supervised By :Jagrut Upadhyay 05/26/2023



#92

Benzo(g,h,i)perylene

Concen: 9.333 ng

RT: 27.692 min Scan# 4166

Delta R.T. 0.006 min

Lab File: BP015289.D

Acq: 25 May 2023 13:25

Tgt Ion:	276	Resp:	576014
Ion Ratio	Lower	Upper	
276	100		
277	24.2	19.0	28.6
138	21.6	16.2	24.2

