

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021825\
 Data File : BP024083.D
 Acq On : 18 Feb 2025 13:54
 Operator : RC/JU
 Sample : Q1168-08
 Misc : LOQ-WATER 5PPM
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOQ-WATER-02-QT1-2025

Quant Time: Feb 18 14:18:54 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 18 02:25:07 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 02/20/2025
 Supervised By :Jagrut Upadhyay 02/20/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.751	152	313530	20.000	ng	-0.01
21) Naphthalene-d8	10.534	136	1299246	20.000	ng	0.00
39) Acenaphthene-d10	14.386	164	795988	20.000	ng	0.00
64) Phenanthrene-d10	17.180	188	1612501	20.000	ng	0.00
76) Chrysene-d12	21.639	240	1587747	20.000	ng	0.00
86) Perylene-d12	25.027	264	1503254	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	3250459	161.767	ng	-0.01
7) Phenol-d6	6.934	99	4405501	170.588	ng	-0.01
23) Nitrobenzene-d5	8.898	82	2158370	92.679	ng	-0.01
42) 2,4,6-Tribromophenol	15.898	330	1801531	184.773	ng	0.00
45) 2-Fluorobiphenyl	12.998	172	5146875	90.395	ng	0.00
79) Terphenyl-d14	19.915	244	7304980	91.039	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.310	88	49476	6.277	ng	99
3) Pyridine	3.710	79	116054	5.663	ng	97
4) n-Nitrosodimethylamine	3.610	42	45130	6.208	ng	# 88
6) Aniline	7.087	93	175414	7.417	ng	99
8) 2-Chlorophenol	7.322	128	133800	6.291	ng	94
9) Benzaldehyde	6.898	77	120101	10.186	ng	95
10) Phenol	6.957	94	164419	6.331	ng	89
11) bis(2-Chloroethyl)ether	7.181	93	130511	6.381	ng	97
12) 1,3-Dichlorobenzene	7.645	146	148715	6.365	ng	98
13) 1,4-Dichlorobenzene	7.787	146	150958	6.389	ng	98
14) 1,2-Dichlorobenzene	8.104	146	144816	6.386	ng	99
15) Benzyl Alcohol	7.992	79	96388	6.097	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.263	45	140113	7.057	ng	97
17) 2-Methylphenol	8.192	107	93079	5.882	ng	96
18) Hexachloroethane	8.822	117	54178	6.367	ng	96
19) n-Nitroso-di-n-propyla...	8.551	70	93175	6.710	ng	99
20) 3+4-Methylphenols	8.516	107	124591	5.787	ng	99
22) Acetophenone	8.563	105	209731	6.282	ng	98
24) Nitrobenzene	8.939	77	148787m	6.492	ng	
25) Isophorone	9.463	82	234449	6.156	ng	99
26) 2-Nitrophenol	9.651	139	49861	4.722	ng	97
27) 2,4-Dimethylphenol	9.710	122	82668	5.964	ng	98
28) bis(2-Chloroethoxy)met...	9.945	93	170790	6.191	ng	100
29) 2,4-Dichlorophenol	10.186	162	95593	5.054	ng	99
30) 1,2,4-Trichlorobenzene	10.392	180	129214	5.962	ng	98
31) Naphthalene	10.581	128	428607	6.135	ng	100
32) Benzoic acid	9.786	122	42358	9.946	ng	96
33) 4-Chloroaniline	10.692	127	151233	6.145	ng	98
34) Hexachlorobutadiene	10.869	225	75088	5.982	ng	99
35) Caprolactam	11.469	113	26114	9.197	ng	91
36) 4-Chloro-3-methylphenol	11.822	107	97784	5.029	ng	96
37) 2-Methylnaphthalene	12.198	142	284569	6.129	ng	100
38) 1-Methylnaphthalene	12.410	142	269019	5.956	ng	99
40) 1,2,4,5-Tetrachloroben...	12.563	216	144269	5.899	ng	99
41) Hexachlorocyclopentadiene	12.545	237	58685	6.448	ng	96
43) 2,4,6-Trichlorophenol	12.810	196	69631	4.668	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.886	196	78944	4.840	ng	98
46) 1,1'-Biphenyl	13.210	154	388371	6.279	ng	99
47) 2-Chloronaphthalene	13.251	162	282071	6.033	ng	99
48) 2-Nitroaniline	13.457	65	57516	5.207	ng	93
49) Acenaphthylene	14.104	152	418080	6.069	ng	98
50) Dimethylphthalate	13.839	163	343499	6.118	ng	100
51) 2,6-Dinitrotoluene	13.951	165	61325	5.362	ng	87
52) Acenaphthene	14.451	154	266614	6.010	ng	98
53) 3-Nitroaniline	14.286	138	63360	5.191	ng	# 89
54) 2,4-Dinitrophenol	14.498	184	20297	10.209	ng	95
55) Dibenzofuran	14.786	168	456997	6.341	ng	100
56) 4-Nitrophenol	14.616	139	44947	4.263	ng	97
57) 2,4-Dinitrotoluene	14.751	165	80375	5.410	ng	89
58) Fluorene	15.445	166	352444	6.262	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.022	232	77279	5.461	ng	98
60) Diethylphthalate	15.221	149	342632	6.147	ng	100
61) 4-Chlorophenyl-phenyle...	15.445	204	174192	6.288	ng	97
62) 4-Nitroaniline	15.463	138	67578	7.644	ng	95
63) Azobenzene	15.739	77	325648	6.235	ng	97
65) 4,6-Dinitro-2-methylph...	15.527	198	34725	8.942	ng	96
66) n-Nitrosodiphenylamine	15.663	169	289713	5.761	ng	99
67) 4-Bromophenyl-phenylether	16.357	248	103976	5.742	ng	99
68) Hexachlorobenzene	16.474	284	128711	6.041	ng	97
69) Atrazine	16.639	200	88735	6.876	ng	99
70) Pentachlorophenol	16.827	266	52037	3.760	ng	100
71) Phenanthrene	17.227	178	553452	6.088	ng	99
72) Anthracene	17.316	178	519098	5.958	ng	100
73) Carbazole	17.598	167	466551	5.621	ng	99
74) Di-n-butylphthalate	18.192	149	510582	5.272	ng	99
75) Fluoranthene	19.315	202	586542	5.704	ng	99
77) Benzidine	19.515	184	188934	9.765	ng	99
78) Pyrene	19.692	202	622621	6.174	ng	98
80) Butylbenzylphthalate	20.645	149	193031	4.995	ng	100
81) Benzo(a)anthracene	21.621	228	597766	6.004	ng	99
82) 3,3'-Dichlorobenzidine	21.545	252	161145	5.180	ng	99
83) Chrysene	21.686	228	582211	6.064	ng	98
84) Bis(2-ethylhexyl)phtha...	21.562	149	282538	4.821	ng	98
85) Di-n-octyl phthalate	22.862	149	372629	3.978	ng	99
87) Indeno(1,2,3-cd)pyrene	28.856	276	616116	5.761	ng	98
88) Benzo(b)fluoranthene	23.950	252	534771	5.602	ng	99
89) Benzo(k)fluoranthene	24.021	252	548110	5.899	ng	99
90) Benzo(a)pyrene	24.862	252	466701	5.761	ng	97
91) Dibenzo(a,h)anthracene	28.938	278	515099	5.728	ng	99
92) Benzo(g,h,i)perylene	30.044	276	479267	5.252	ng	99

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

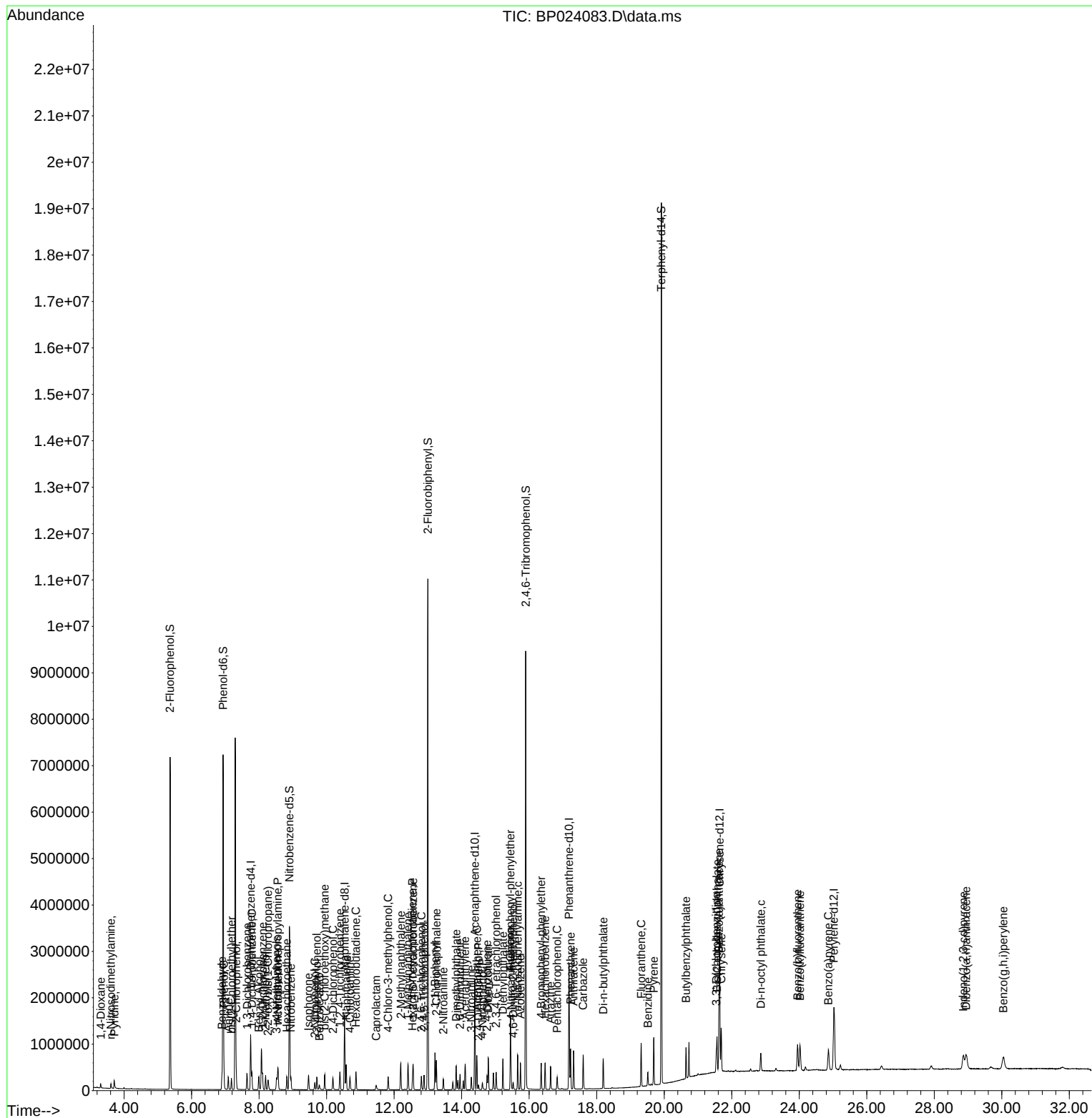
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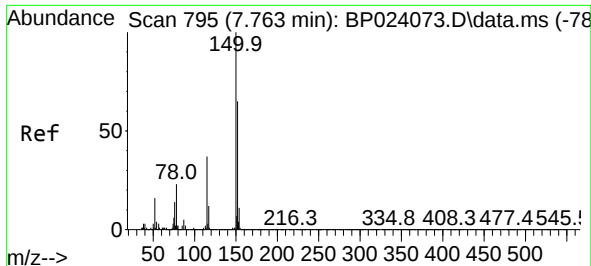
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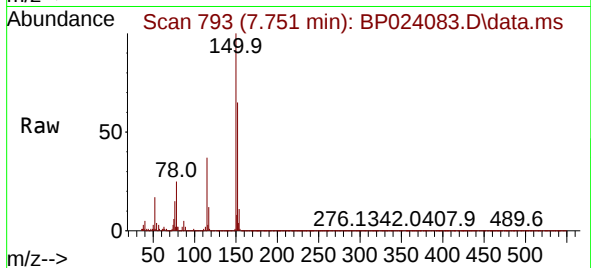
Reviewed By :Rahul Chavli 02/20/2025
 Supervised By :Jagrut Upadhyay 02/20/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.751 min Scan# 795
Delta R.T. -0.012 min
Lab File: BP024083.D
Acq: 18 Feb 2025 13:54

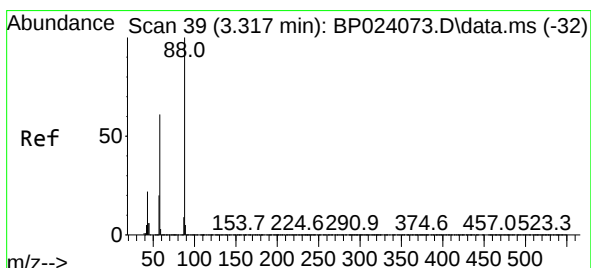
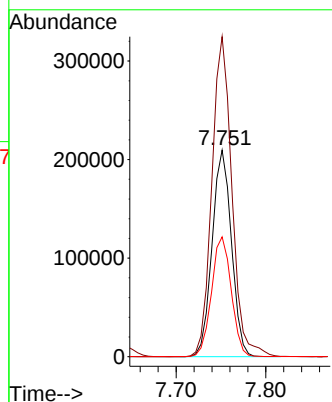
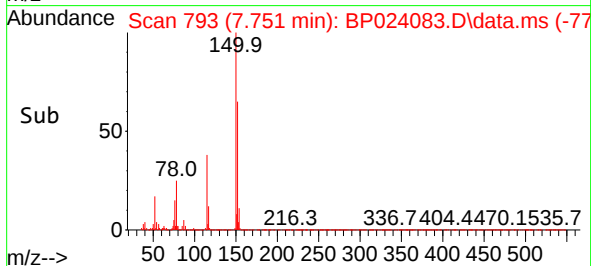
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BNA_P
ClientSampleId :
LOQ-WATER-02-QT1-2025



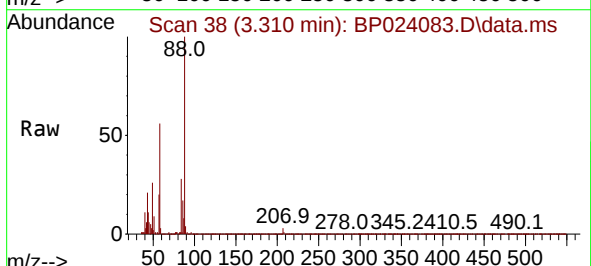
Tgt Ion:152 Resp: 313530
Ion Ratio Lower Upper
152 100
150 154.9 122.4 183.6
115 58.0 45.0 67.6

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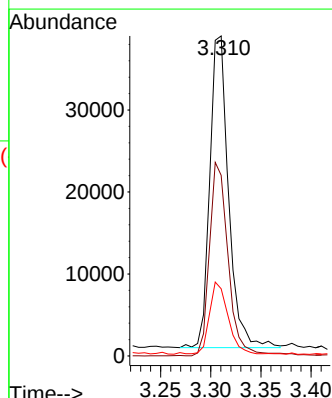
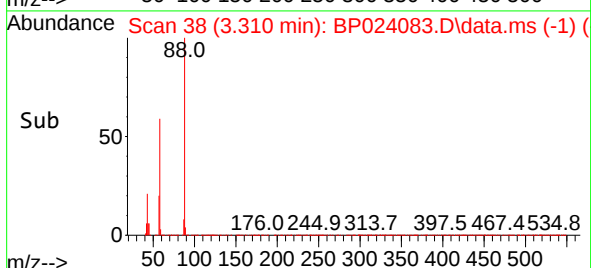
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#2
1,4-Dioxane
Concen: 6.277 ng
RT: 3.310 min Scan# 38
Delta R.T. -0.006 min
Lab File: BP024083.D
Acq: 18 Feb 2025 13:54



Tgt Ion: 88 Resp: 49476
Ion Ratio Lower Upper
88 100
58 62.7 49.1 73.7
43 22.3 18.0 27.0





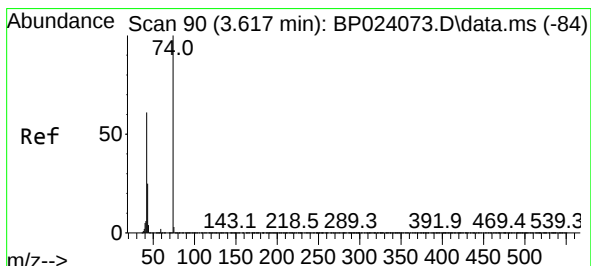
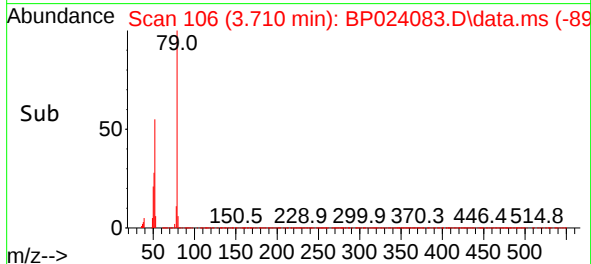
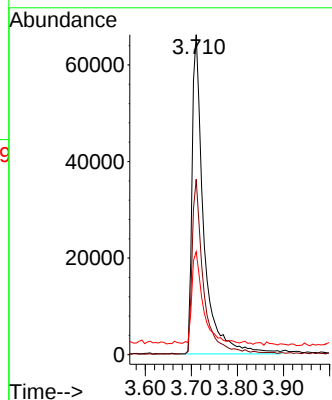
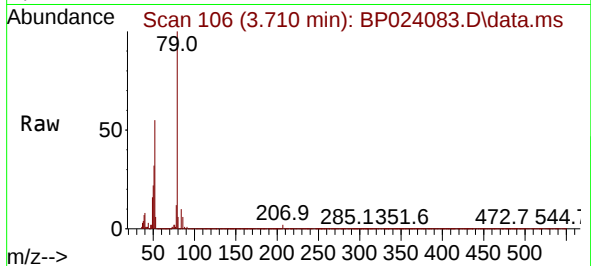
#3
Pyridine
Concen: 5.663 ng
RT: 3.710 min Scan# 106
Delta R.T. -0.000 min
Lab File: BP024083.D
Acq: 18 Feb 2025 13:54

Instrument : BNA_P
ClientSampleId : LOQ-WATER-02-QT1-2025

Tgt Ion: 79 Resp: 116054
Ion Ratio Lower Upper
79 100
52 54.8 43.5 65.3
51 32.2 22.2 33.4

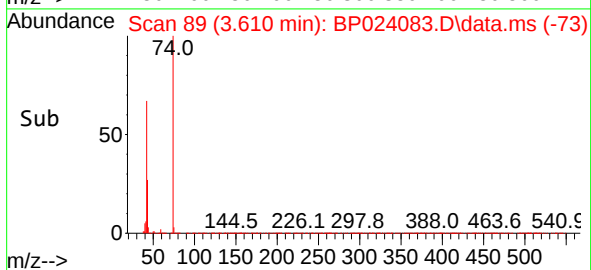
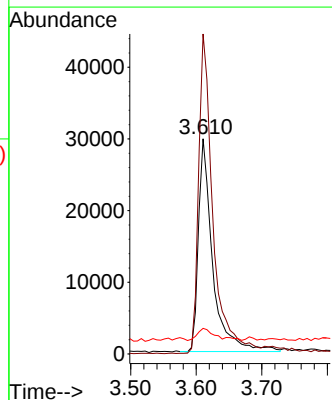
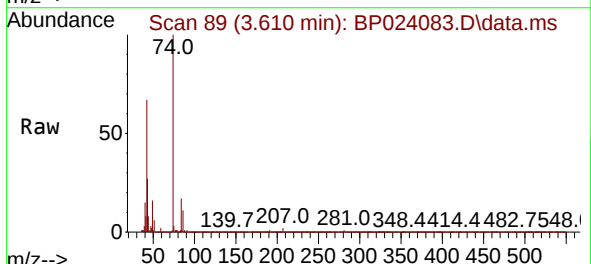
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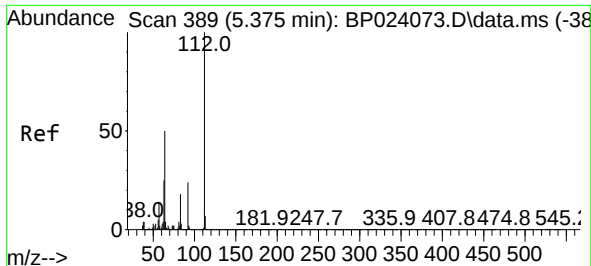
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#4
n-Nitrosodimethylamine
Concen: 6.208 ng
RT: 3.610 min Scan# 89
Delta R.T. -0.006 min
Lab File: BP024083.D
Acq: 18 Feb 2025 13:54

Tgt Ion: 42 Resp: 45130
Ion Ratio Lower Upper
42 100
74 148.7 132.0 198.0
44 11.9 5.3 7.9





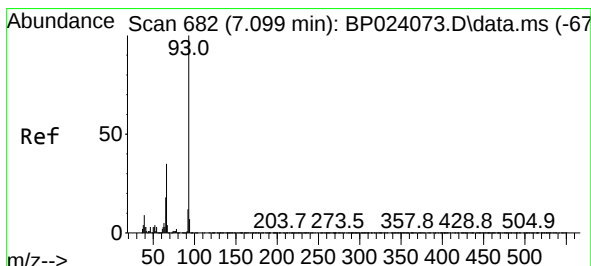
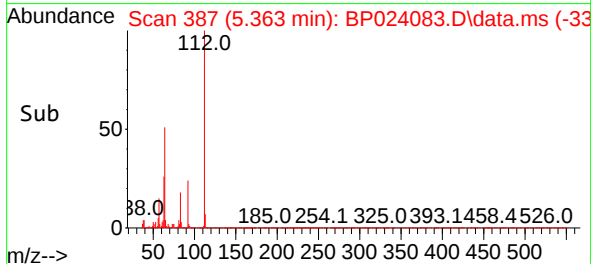
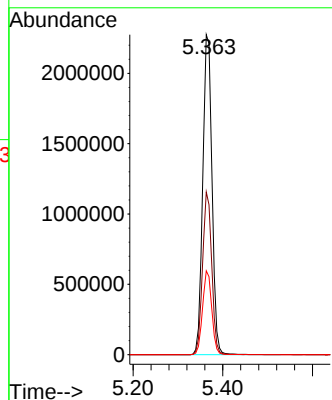
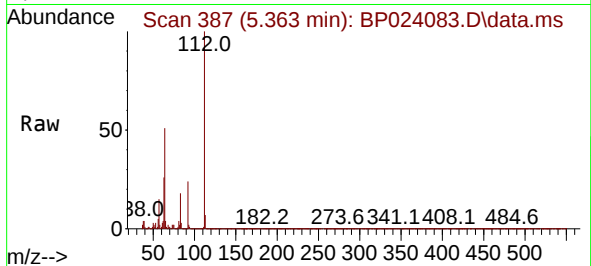
#5
2-Fluorophenol
Concen: 161.767 ng
RT: 5.363 min Scan# 389
Delta R.T. -0.012 min
Lab File: BP024083.D
Acq: 18 Feb 2025 13:54

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT1-2025

Tgt Ion:112 Resp: 3250459
Ion Ratio Lower Upper
112 100
64 50.8 39.6 59.4
63 26.2 20.3 30.5

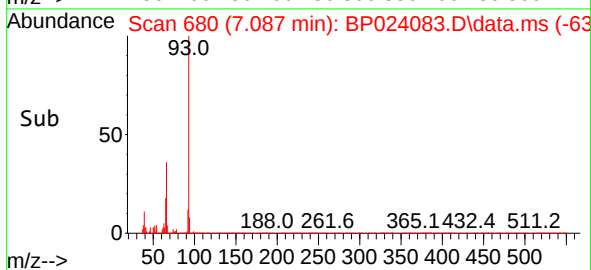
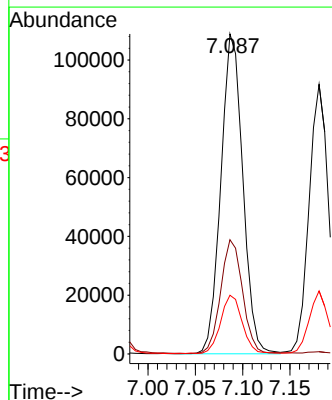
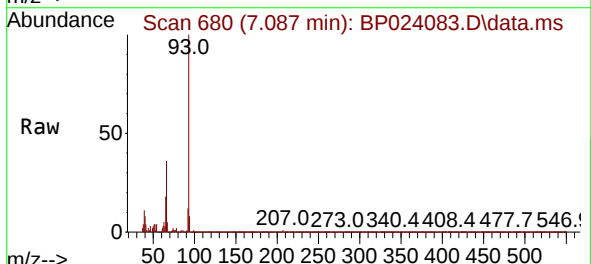
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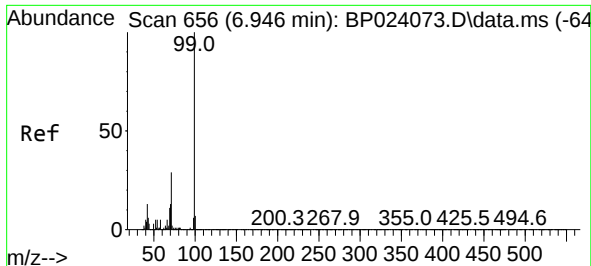
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#6
Aniline
Concen: 7.417 ng
RT: 7.087 min Scan# 680
Delta R.T. -0.012 min
Lab File: BP024083.D
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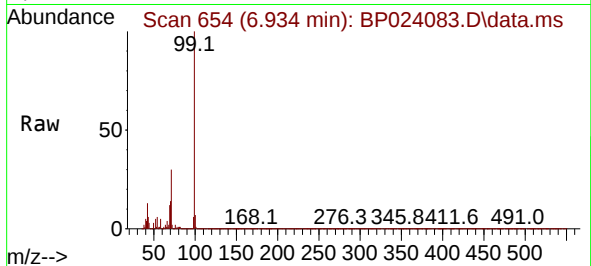
Tgt Ion: 93 Resp: 175414
Ion Ratio Lower Upper
93 100
66 35.7 28.2 42.4
65 18.3 14.1 21.1





#7
Phenol-d6
Concen: 170.588 ng
RT: 6.934 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP024083.D
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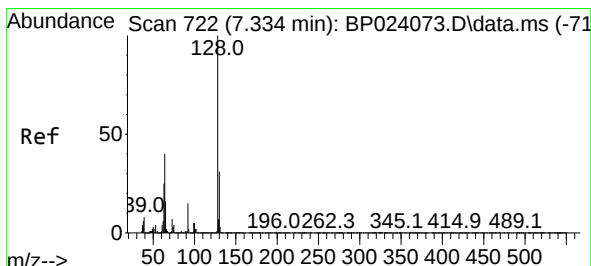
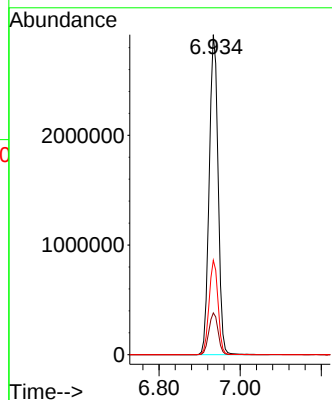
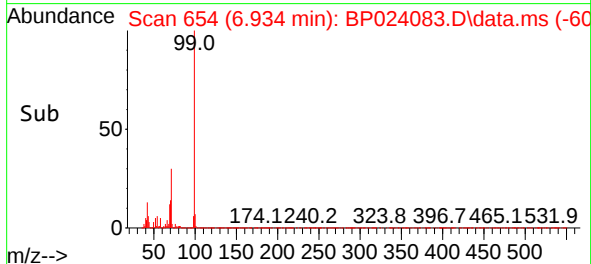
Instrument :
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Tgt Ion: 99 Resp: 440550
Ion Ratio Lower Upper
99 100
42 13.1 10.3 15.5
71 29.5 22.9 34.3

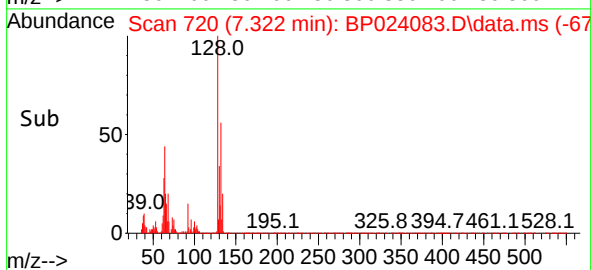
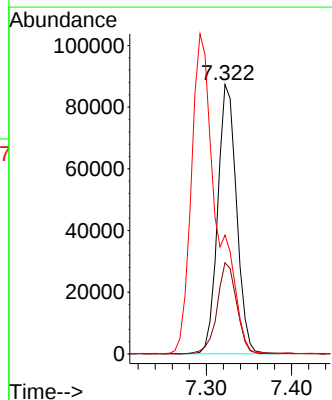
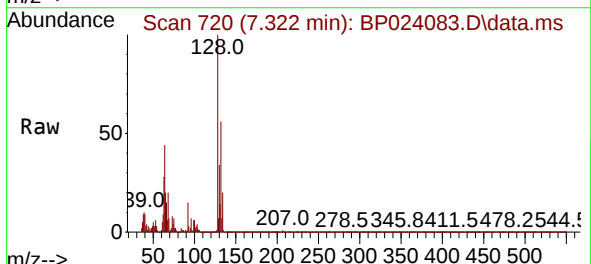
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#8
2-Chlorophenol
Concen: 6.291 ng
RT: 7.322 min Scan# 720
Delta R.T. -0.012 min
Lab File: BP024083.D
Acq: 18 Feb 2025 13:54

Tgt Ion:128 Resp: 133800
Ion Ratio Lower Upper
128 100
130 33.8 11.5 51.5
64 44.1 19.8 59.8





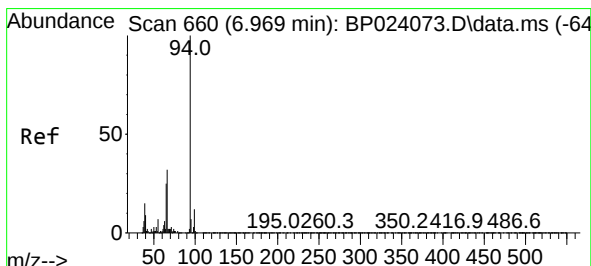
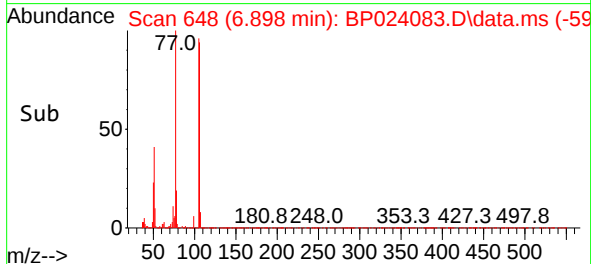
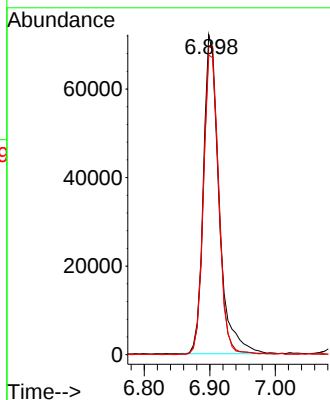
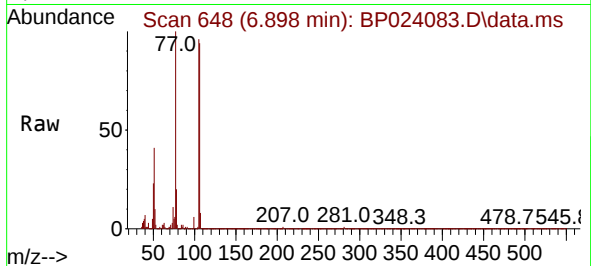
#9
Benzaldehyde
Concen: 10.186 ng
RT: 6.898 min Scan# 648
Delta R.T. -0.012 min
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Tgt Ion: 77 Resp: 12010
Ion Ratio Lower Upper
77 100
105 96.2 81.4 121.4
106 93.6 79.0 119.0

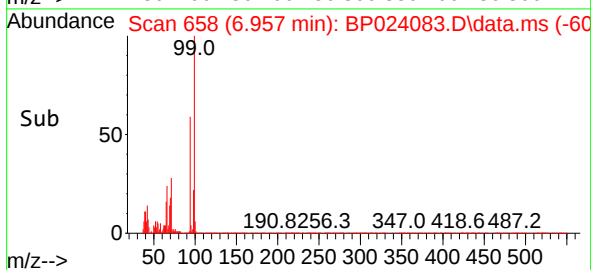
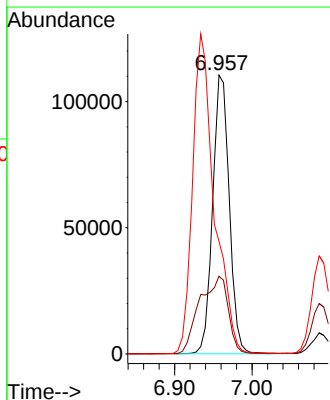
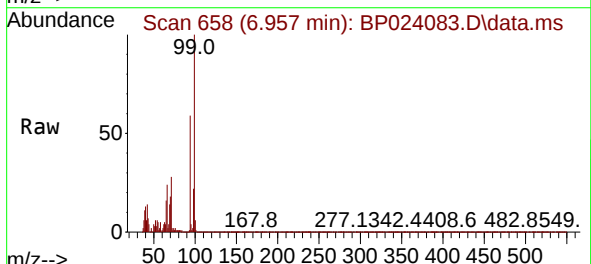
Manual Integrations
APPROVED

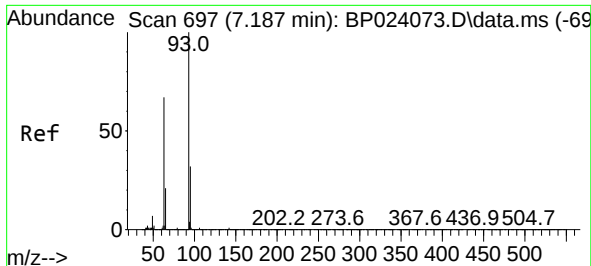
Reviewed By :Rahul Chavli 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#10
Phenol
Concen: 6.331 ng
RT: 6.957 min Scan# 658
Delta R.T. -0.012 min
Lab File: BP024083.D
Acq: 18 Feb 2025 13:54

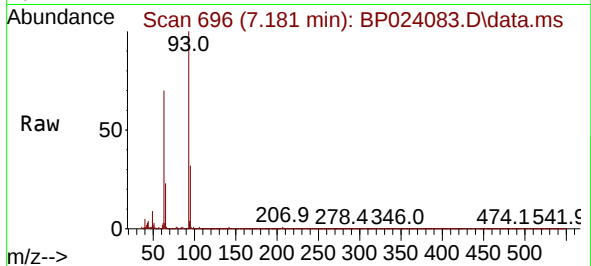
Tgt Ion: 94 Resp: 164419
Ion Ratio Lower Upper
94 100
65 27.9 5.0 45.0
66 40.4 11.6 51.6





#11
bis(2-Chloroethyl)ether
Concen: 6.381 ng
RT: 7.181 min Scan# 697
Delta R.T. -0.006 min
Lab File: BP024083.D
Acq: 18 Feb 2025 13:54

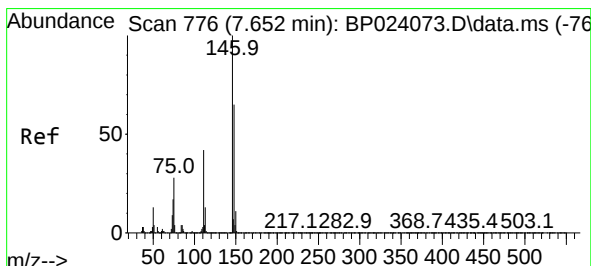
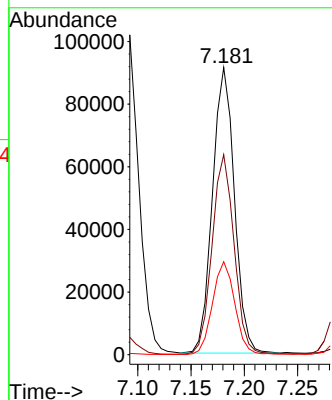
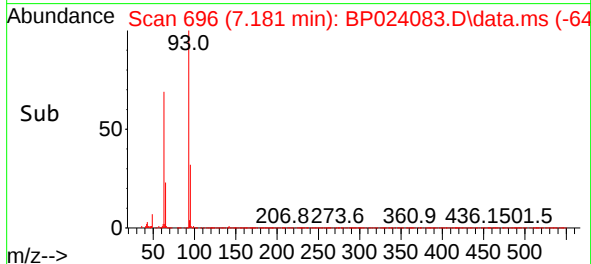
Instrument : BNA_P
ClientSampleId :
LOQ-WATER-02-QT1-2025



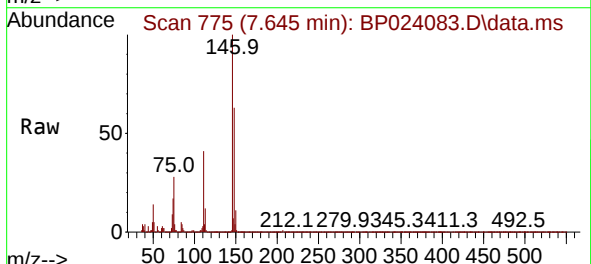
Tgt Ion: 93 Resp: 13051
Ion Ratio Lower Upper
93 100
63 69.6 46.5 86.5
95 32.4 12.3 52.3

Manual Integrations
APPROVED

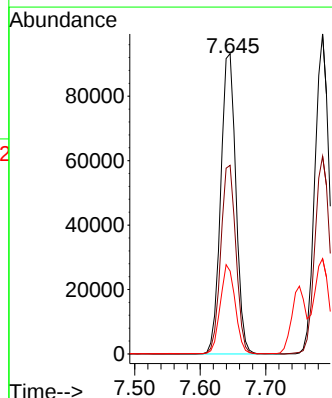
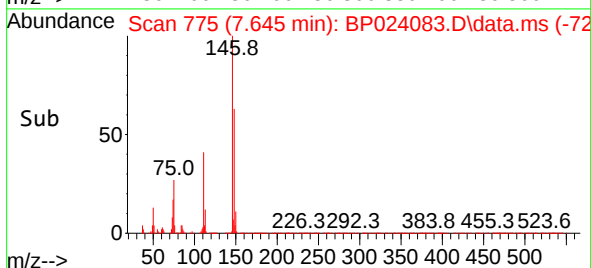
Reviewed By :Rahul Chavli 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025

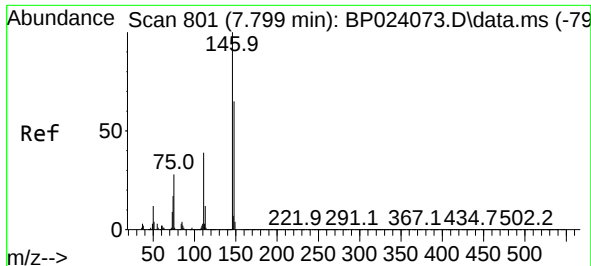


#12
1,3-Dichlorobenzene
Concen: 6.365 ng
RT: 7.645 min Scan# 775
Delta R.T. -0.006 min
Lab File: BP024083.D
Acq: 18 Feb 2025 13:54



Tgt Ion:146 Resp: 148715
Ion Ratio Lower Upper
146 100
148 62.8 51.8 77.8
75 27.6 22.6 33.8





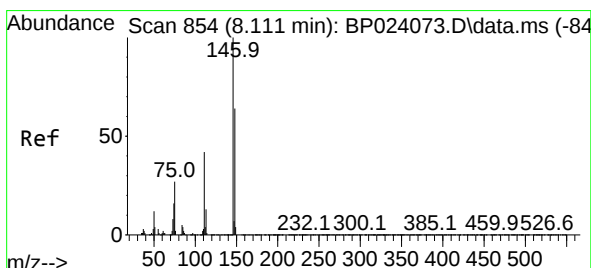
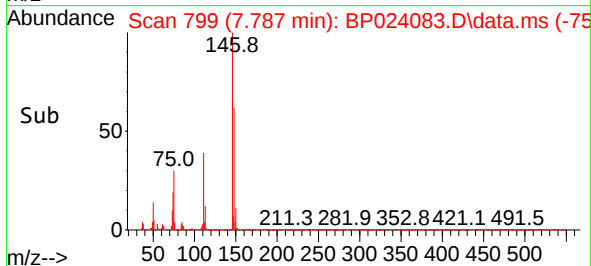
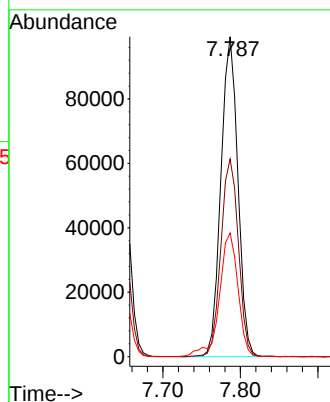
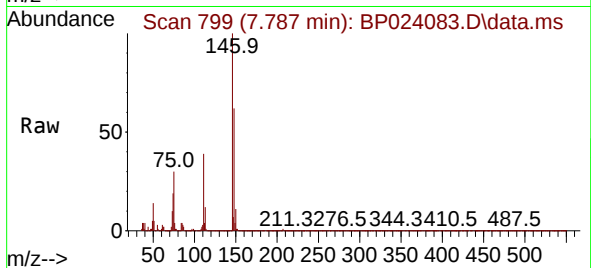
#13
1,4-Dichlorobenzene
Concen: 6.389 ng
RT: 7.787 min Scan# 799
Delta R.T. -0.012 min
Lab File: BP024083.D
Acq: 18 Feb 2025 13:54

Instrument : BNA_P
Client Sample Id :
LOQ-WATER-02-QT1-2025

Tgt Ion:146 Resp: 150958
Ion Ratio Lower Upper
146 100
148 61.8 51.6 77.4
111 38.6 31.2 46.8

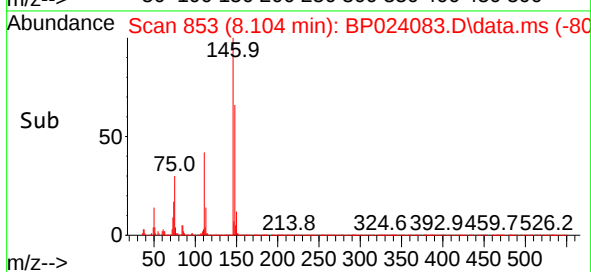
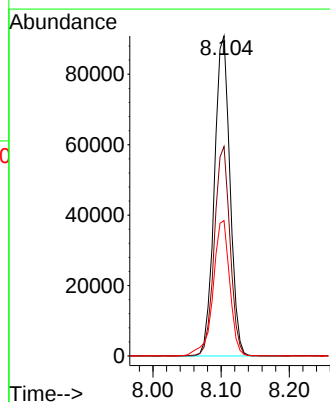
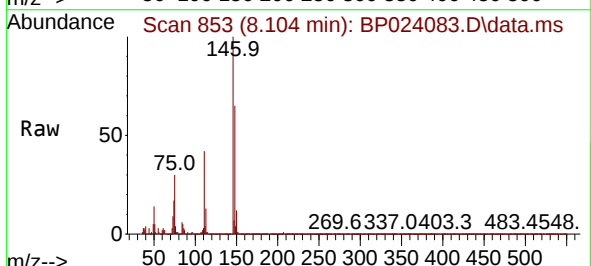
Manual Integrations
APPROVED

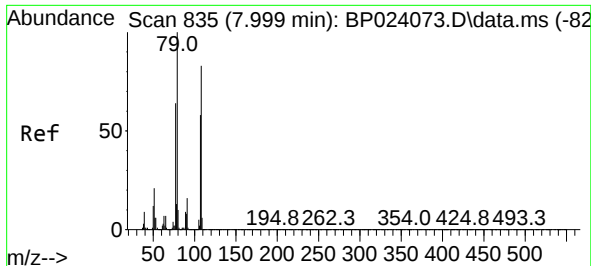
Reviewed By :Rahul Chavli 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#14
1,2-Dichlorobenzene
Concen: 6.386 ng
RT: 8.104 min Scan# 853
Delta R.T. -0.006 min
Lab File: BP024083.D
Acq: 18 Feb 2025 13:54

Tgt Ion:146 Resp: 144816
Ion Ratio Lower Upper
146 100
148 65.4 51.2 76.8
111 42.3 33.4 50.0





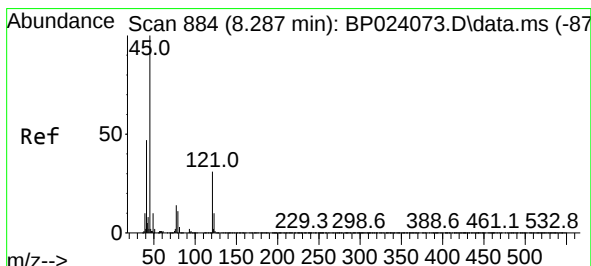
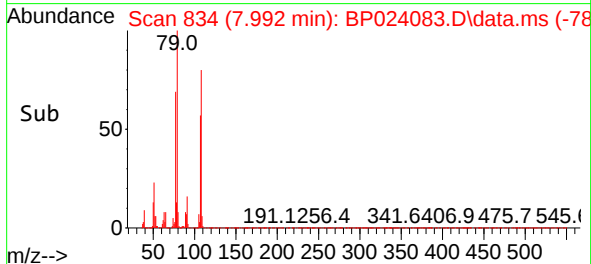
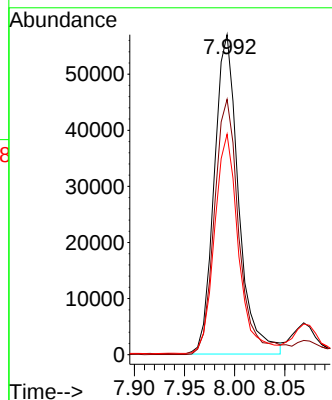
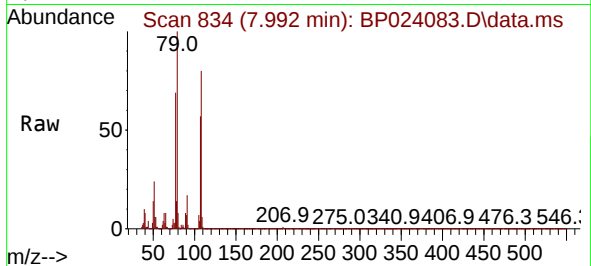
#15
Benzyl Alcohol
Concen: 6.097 ng
RT: 7.992 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP024083.D
Acq: 18 Feb 2025 13:54

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT1-2025

Tgt Ion: 79 Resp: 9638
Ion Ratio Lower Upper
79 100
108 79.8 66.4 99.6
77 68.9 51.3 76.9

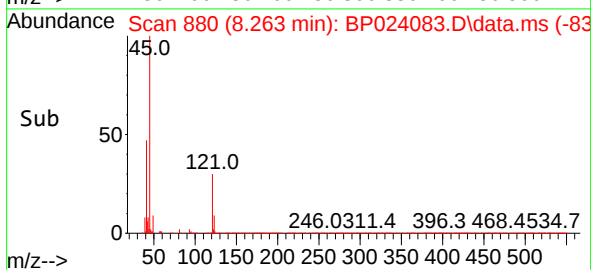
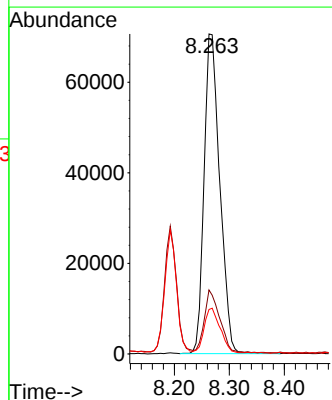
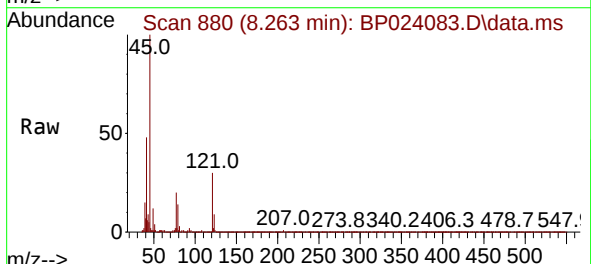
Manual Integrations
APPROVED

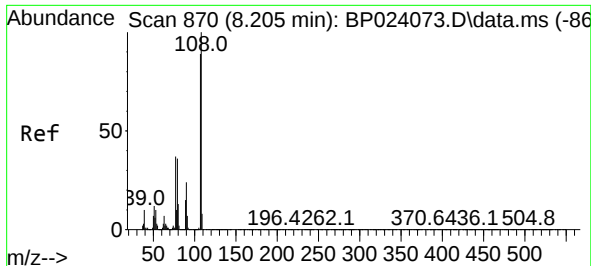
Reviewed By :Rahul Chavli 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 7.057 ng
RT: 8.263 min Scan# 880
Delta R.T. -0.024 min
Lab File: BP024083.D
Acq: 18 Feb 2025 13:54

Tgt Ion: 45 Resp: 140113
Ion Ratio Lower Upper
45 100
77 20.0 0.0 38.8
79 13.9 0.0 35.4





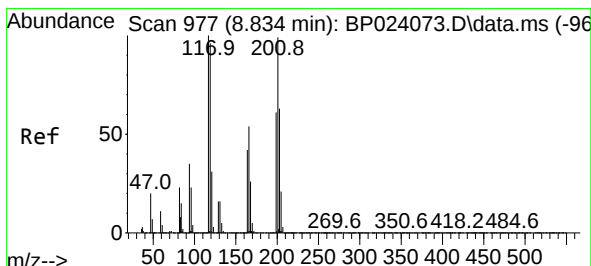
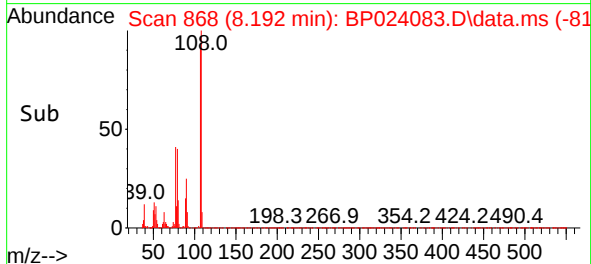
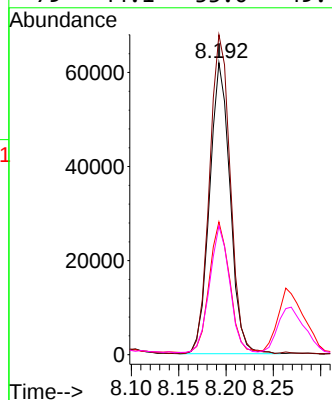
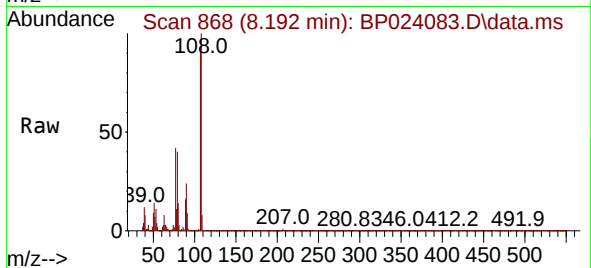
#17
2-Methylphenol
Concen: 5.882 ng
RT: 8.192 min Scan# 80
Delta R.T. -0.012 min
Lab File: BP024083.D
Acq: 18 Feb 2025 13:54

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT1-2025

Tgt Ion:107 Resp: 93079
Ion Ratio Lower Upper
107 100
108 109.6 90.0 135.0
77 45.5 33.8 50.6
79 44.1 33.0 49.4

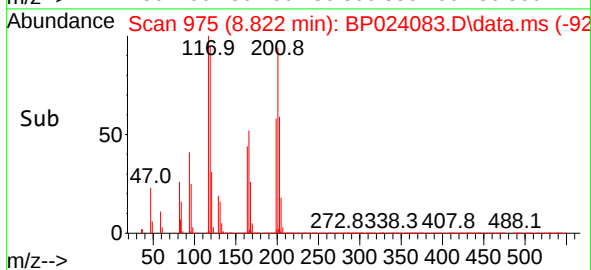
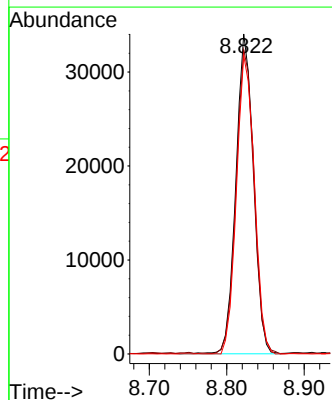
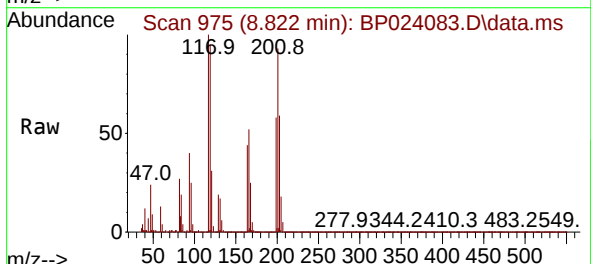
Manual Integrations
APPROVED

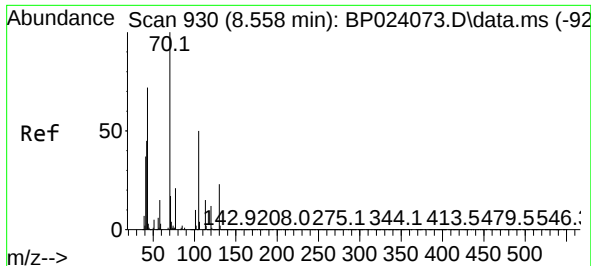
Reviewed By :Rahul Chavli 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#18
Hexachloroethane
Concen: 6.367 ng
RT: 8.822 min Scan# 975
Delta R.T. -0.012 min
Lab File: BP024083.D
Acq: 18 Feb 2025 13:54

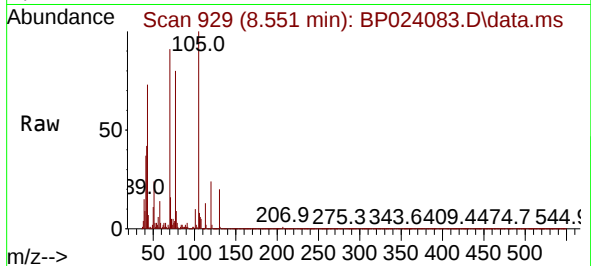
Tgt Ion:117 Resp: 54178
Ion Ratio Lower Upper
117 100
119 95.0 76.9 115.3
201 93.3 79.4 119.2





#19
n-Nitroso-di-n-propylamine
Concen: 6.710 ng
RT: 8.551 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024083.D
Acq: 18 Feb 2025 13:54

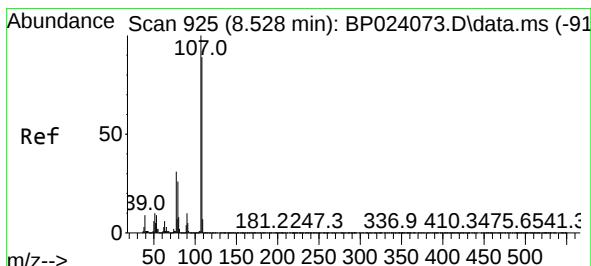
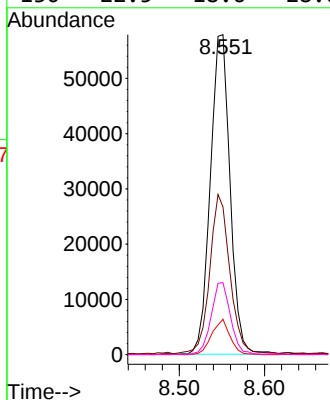
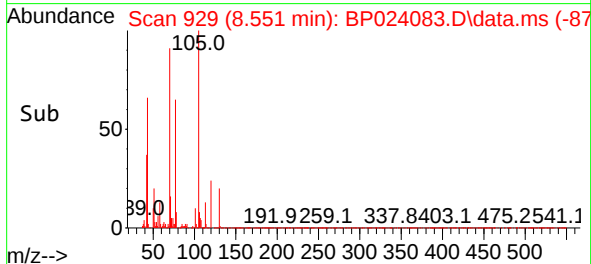
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT1-2025



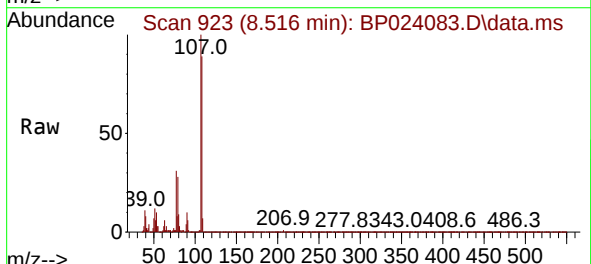
Tgt Ion: 70 Resp: 9317
Ion Ratio Lower Upper
70 100
42 46.1 36.6 54.8
101 11.0 8.2 12.2
130 22.5 18.6 28.0

Manual Integrations
APPROVED

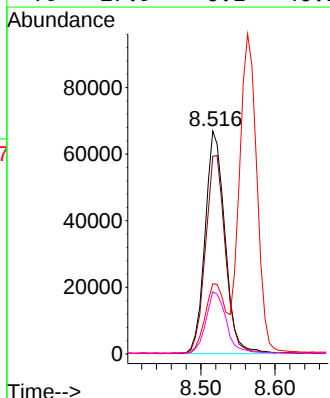
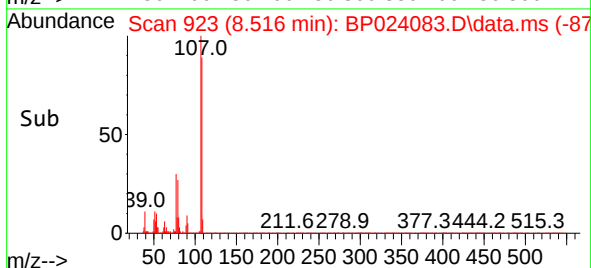
Reviewed By :Rahul Chavli 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025

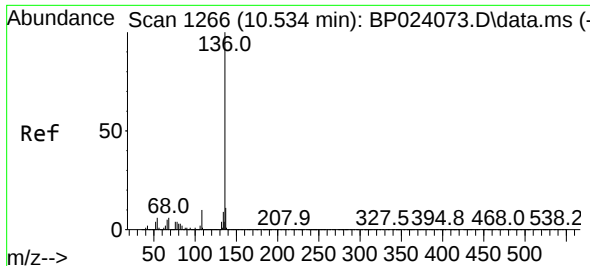


#20
3+4-Methylphenols
Concen: 5.787 ng
RT: 8.516 min Scan# 923
Delta R.T. -0.012 min
Lab File: BP024083.D
Acq: 18 Feb 2025 13:54



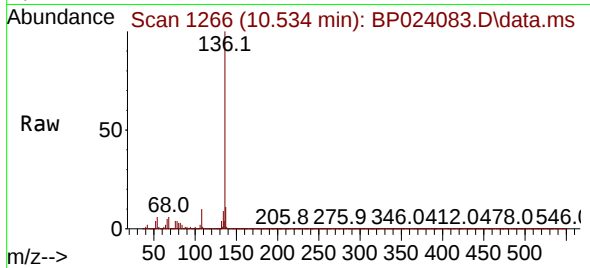
Tgt Ion:107 Resp: 124591
Ion Ratio Lower Upper
107 100
108 88.5 68.5 108.5
77 31.4 10.7 50.7
79 27.9 6.1 46.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.534 min Scan# 1266
Delta R.T. -0.000 min
Lab File: BP024083.D
Acq: 18 Feb 2025 13:54

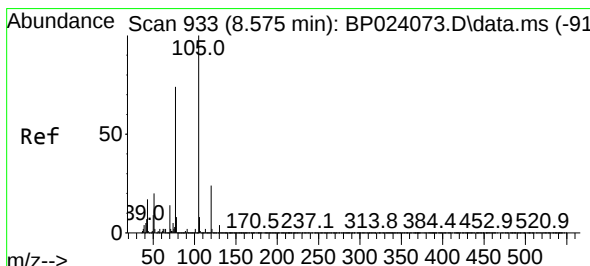
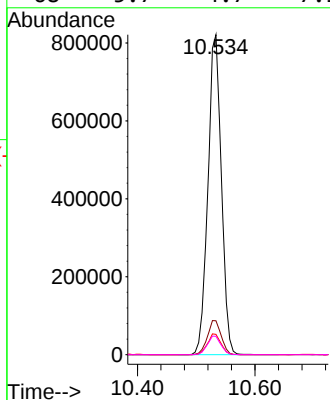
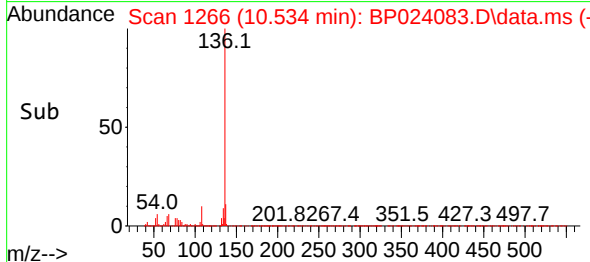
Instrument : BNA_P
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion:136 Resp: 1299240
Ion Ratio Lower Upper
136 100
137 10.6 8.7 13.1
54 6.3 4.9 7.3
68 5.7 4.7 7.1

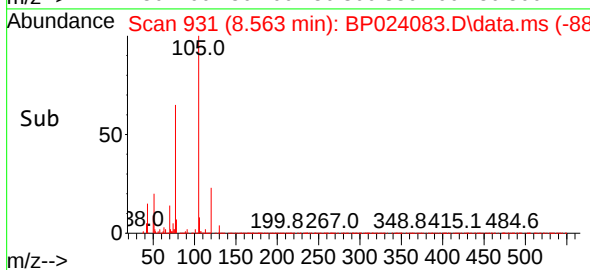
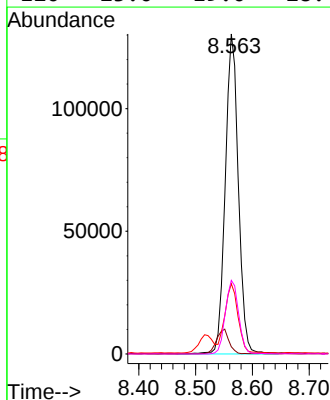
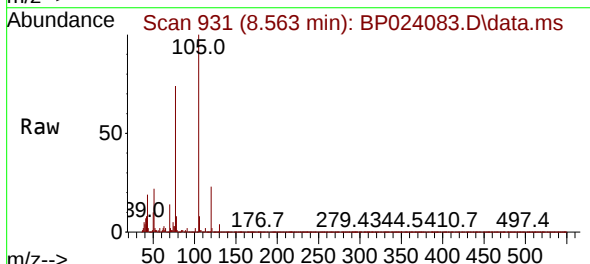
Manual Integrations
APPROVED

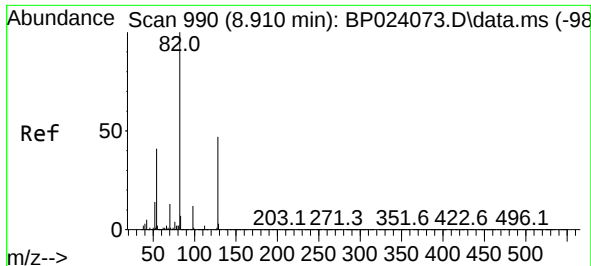
Reviewed By :Rahul Chavli 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#22
Acetophenone
Concen: 6.282 ng
RT: 8.563 min Scan# 931
Delta R.T. -0.012 min
Lab File: BP024083.D
Acq: 18 Feb 2025 13:54

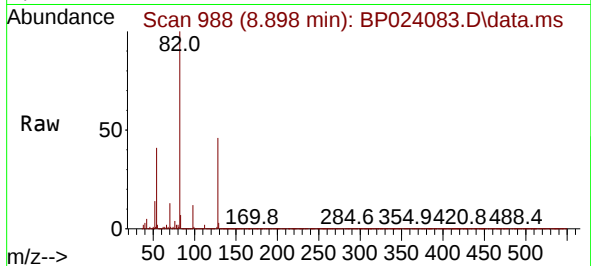
Tgt Ion:105 Resp: 209731
Ion Ratio Lower Upper
105 100
71 2.2 1.9 2.9
51 22.0 16.3 24.5
120 23.0 19.0 28.4





#23
Nitrobenzene-d5
Concen: 92.679 ng
RT: 8.898 min Scan# 990
Delta R.T. -0.012 min
Lab File: BP024083.D
Acq: 18 Feb 2025 13:54

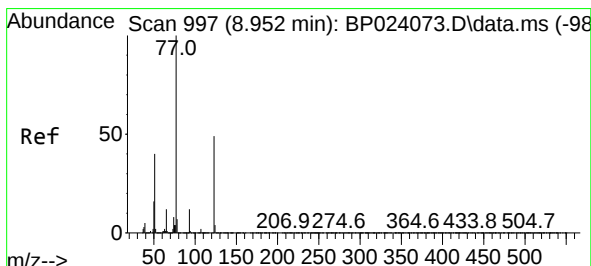
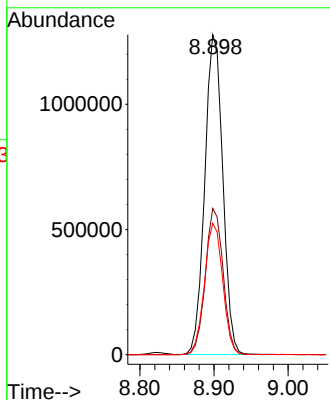
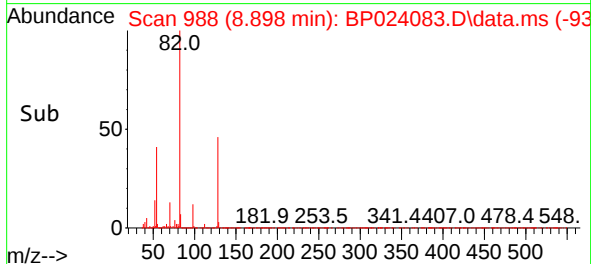
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion: 82 Resp: 2158370
Ion Ratio Lower Upper
82 100
128 45.7 37.4 56.2
54 41.0 32.4 48.6

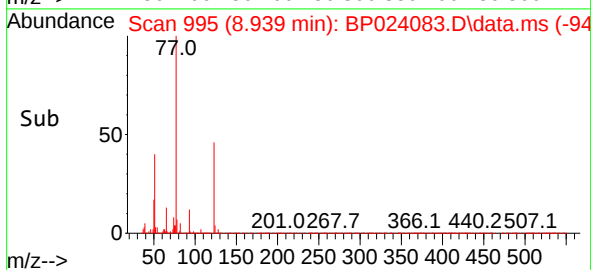
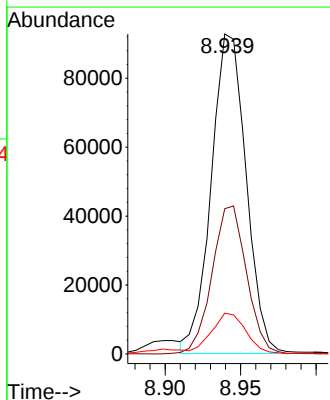
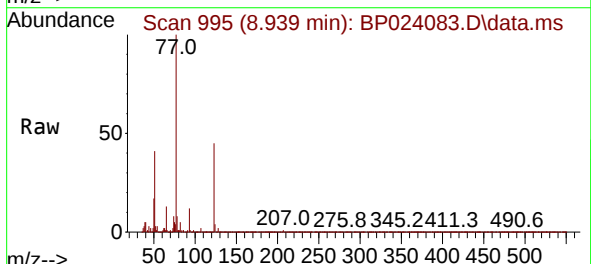
Manual Integrations
APPROVED

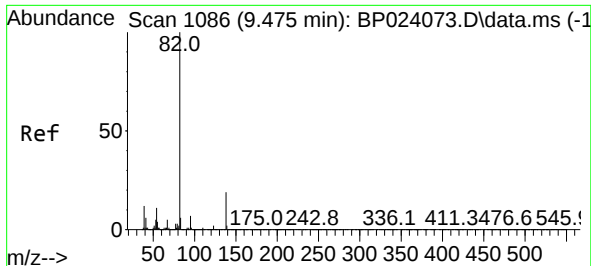
Reviewed By :Rahul Chavli 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#24
Nitrobenzene
Concen: 6.492 ng m
RT: 8.939 min Scan# 995
Delta R.T. -0.012 min
Lab File: BP024083.D
Acq: 18 Feb 2025 13:54

Tgt Ion: 77 Resp: 148787
Ion Ratio Lower Upper
77 100
123 45.4 39.4 59.2
65 12.8 9.9 14.9





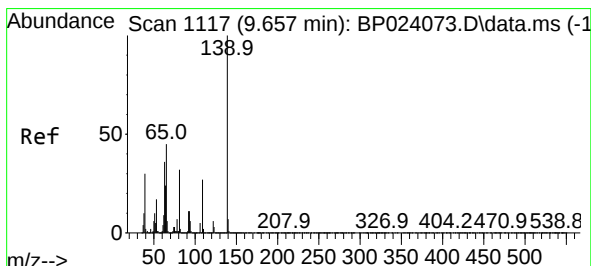
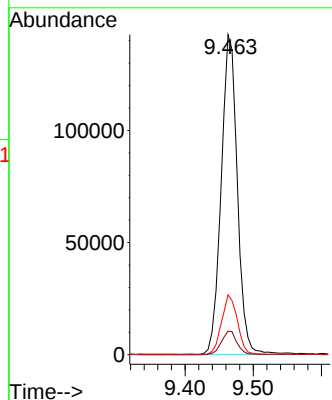
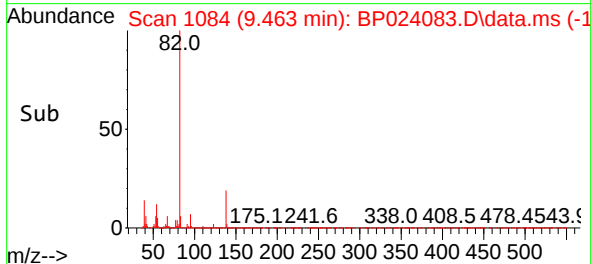
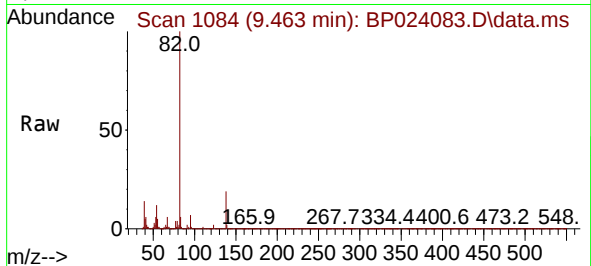
#25
Isophorone
Concen: 6.156 ng
RT: 9.463 min Scan# 1084
Delta R.T. -0.012 min
Lab File: BP024083.D
Acq: 18 Feb 2025 13:54

Instrument : BNA_P
ClientSampleId :
LOQ-WATER-02-QT1-2025

Tgt Ion: 82 Resp: 234449
Ion Ratio Lower Upper
82 100
95 7.4 5.4 8.0
138 18.7 15.3 22.9

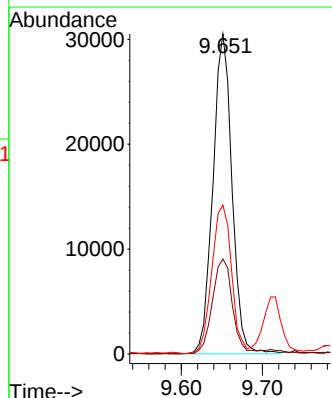
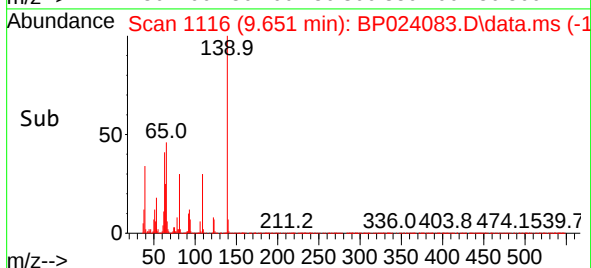
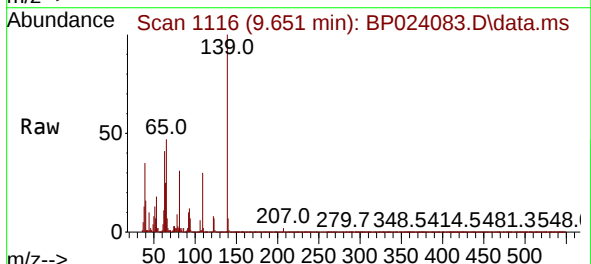
Manual Integrations
APPROVED

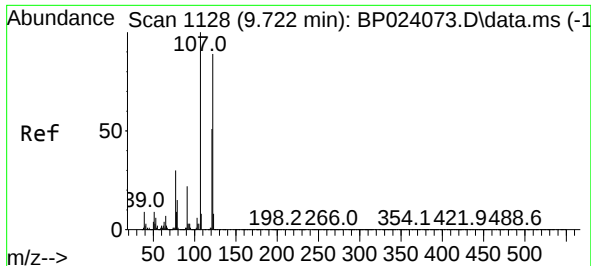
Reviewed By :Rahul Chavli 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#26
2-Nitrophenol
Concen: 4.722 ng
RT: 9.651 min Scan# 1116
Delta R.T. -0.006 min
Lab File: BP024083.D
Acq: 18 Feb 2025 13:54

Tgt Ion:139 Resp: 49861
Ion Ratio Lower Upper
139 100
109 29.7 21.7 32.5
65 46.5 36.1 54.1





#27

2,4-Dimethylphenol

Concen: 5.964 ng

RT: 9.710 min Scan# 1128

Delta R.T. -0.012 min

Lab File: BP024083.D

Acq: 18 Feb 2025 13:54

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT1-2025

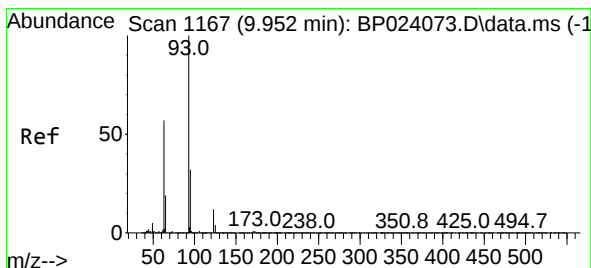
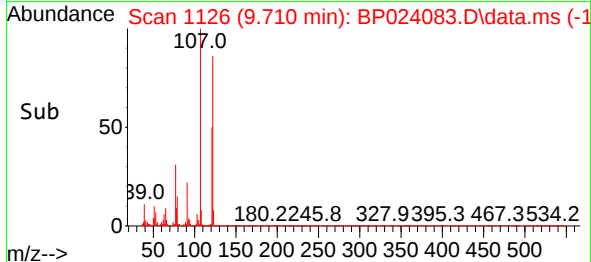
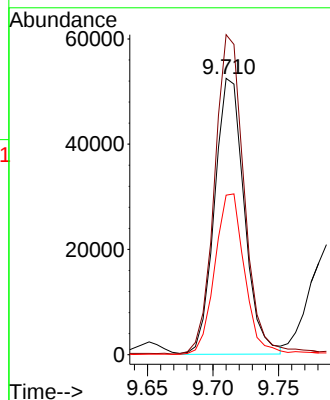
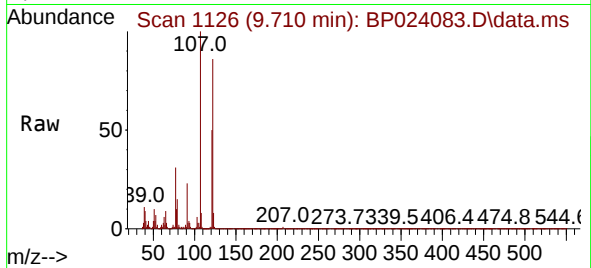
Tgt Ion:	122	Resp:	8266
Ion	Ratio	Lower	Upper
122	100		
107	115.8	89.8	134.8
121	57.7	45.9	68.9

Manual Integrations

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Reviewed By :Rahul Chavli 02/20/2025

Supervised By :Jagrut Upadhyay 02/20/2025



#28

bis(2-Chloroethoxy)methane

Concen: 6.191 ng

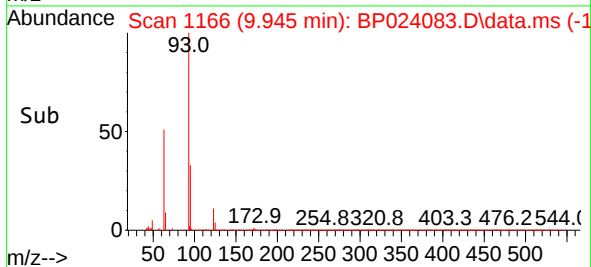
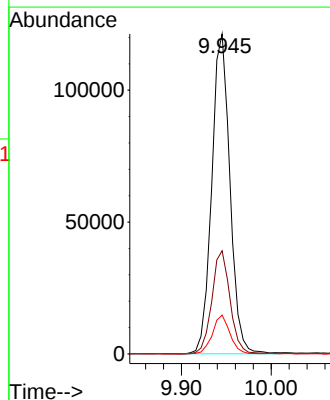
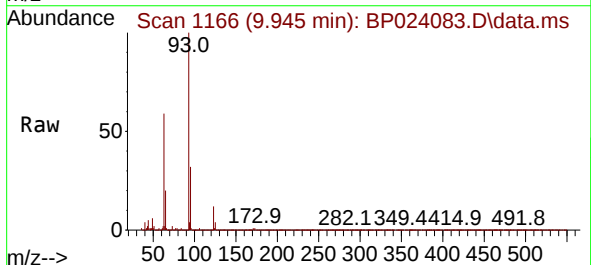
RT: 9.945 min Scan# 1166

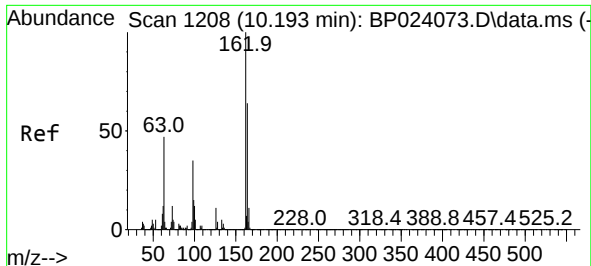
Delta R.T. -0.006 min

Lab File: BP024083.D

Acq: 18 Feb 2025 13:54

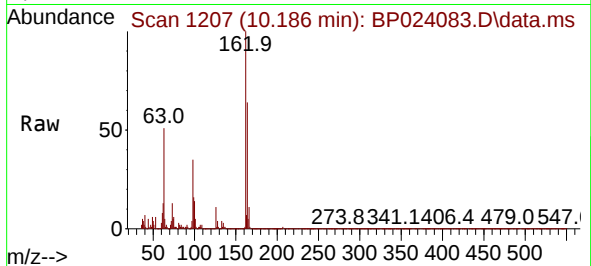
Tgt Ion:	93	Resp:	170790
Ion	Ratio	Lower	Upper
93	100		
95	32.3	25.9	38.9
123	12.2	9.7	14.5





#29
2,4-Dichlorophenol
Concen: 5.054 ng
RT: 10.186 min Scan# 1207
Delta R.T. -0.006 min
Lab File: BP024083.D
Acq: 18 Feb 2025 13:54

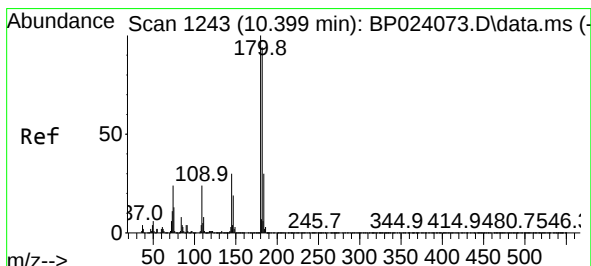
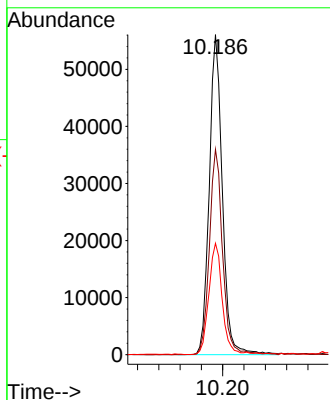
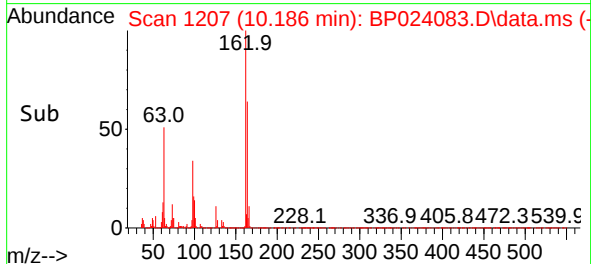
Instrument : BNA_P
ClientSampleId :
LOQ-WATER-02-QT1-2025



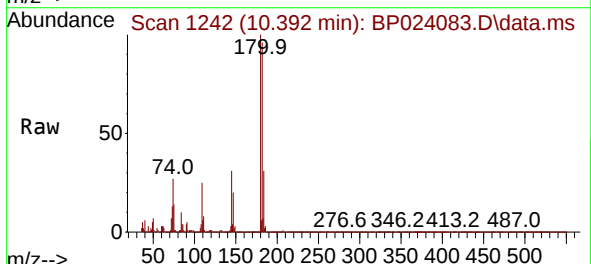
Tgt Ion:162 Resp: 9559
Ion Ratio Lower Upper
162 100
164 64.2 44.5 84.5
98 34.8 15.3 55.3

Manual Integrations
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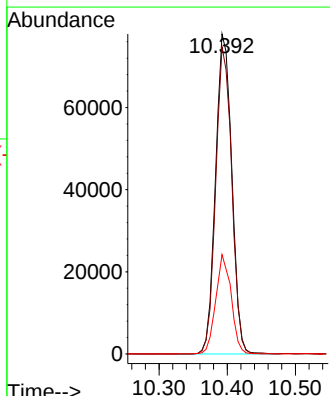
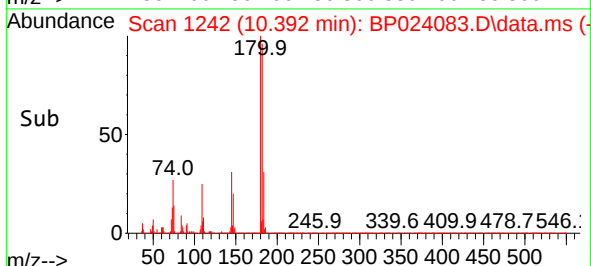
Reviewed By :Rahul Chavli 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025

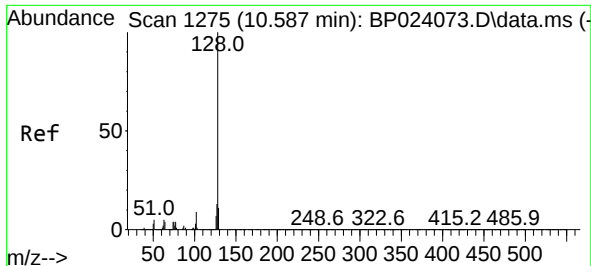


#30
1,2,4-Trichlorobenzene
Concen: 5.962 ng
RT: 10.392 min Scan# 1242
Delta R.T. -0.006 min
Lab File: BP024083.D
Acq: 18 Feb 2025 13:54



Tgt Ion:180 Resp: 129214
Ion Ratio Lower Upper
180 100
182 95.9 75.4 113.2
145 31.0 24.0 36.0





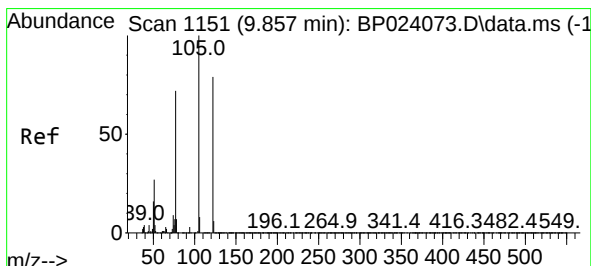
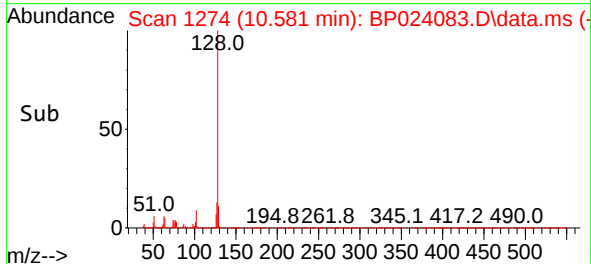
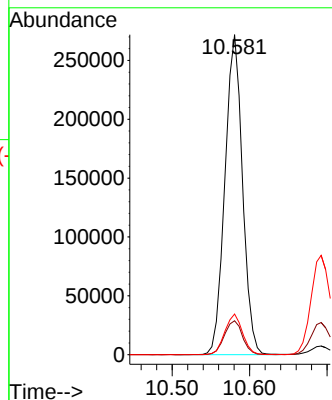
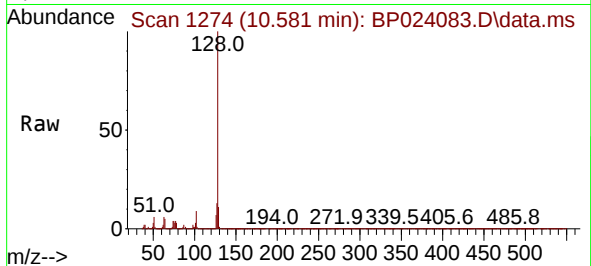
#31
Naphthalene
Concen: 6.135 ng
RT: 10.581 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BP024083.D
Acq: 18 Feb 2025 13:54

Instrument : BNA_P
ClientSampleId :
LOQ-WATER-02-QT1-2025

Tgt Ion:128 Resp: 42860
Ion Ratio Lower Upper
128 100
129 10.6 8.6 13.0
127 12.7 10.3 15.5

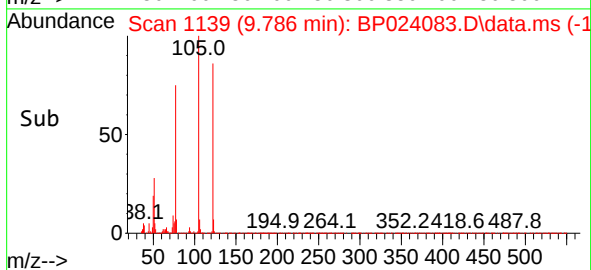
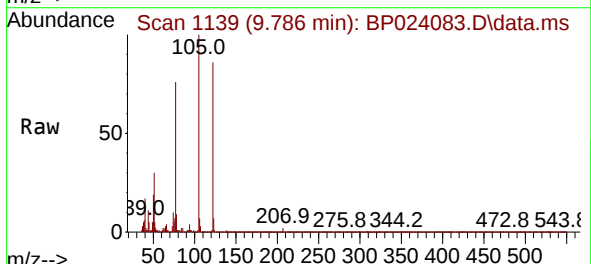
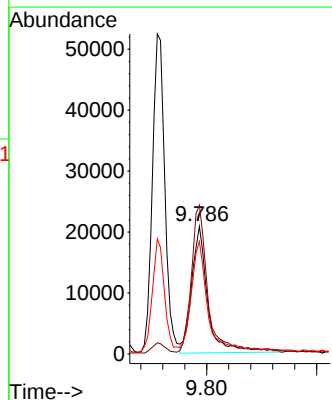
Manual Integrations
APPROVED

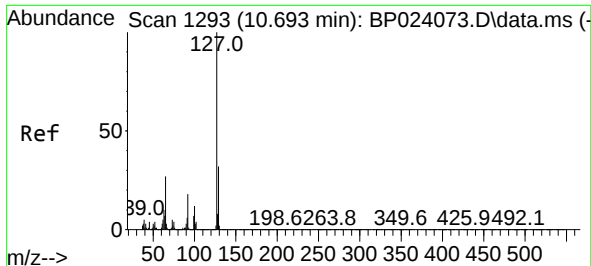
Reviewed By :Rahul Chavli 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#32
Benzoic acid
Concen: 9.946 ng
RT: 9.786 min Scan# 1139
Delta R.T. -0.071 min
Lab File: BP024083.D
Acq: 18 Feb 2025 13:54

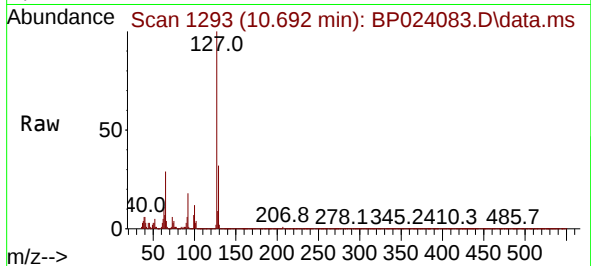
Tgt Ion:122 Resp: 42358
Ion Ratio Lower Upper
122 100
105 116.6 103.7 143.7
77 88.1 69.9 109.9





#33
4-Chloroaniline
Concen: 6.145 ng
RT: 10.692 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BP024083.D
Acq: 18 Feb 2025 13:54

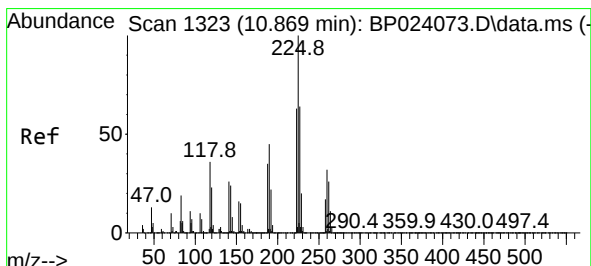
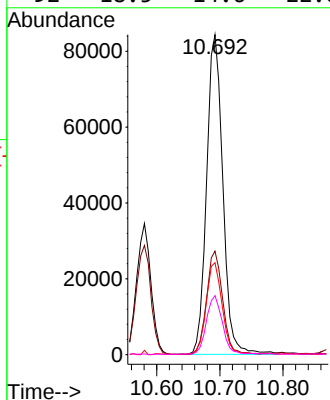
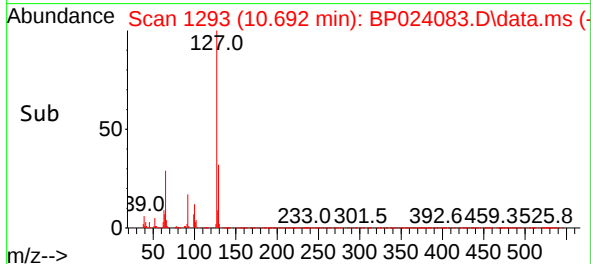
Instrument : BNA_P
ClientSampleId : LOQ-WATER-02-QT1-2025



Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.4	38.0
65	28.8	21.3	31.9
92	18.5	14.6	22.0

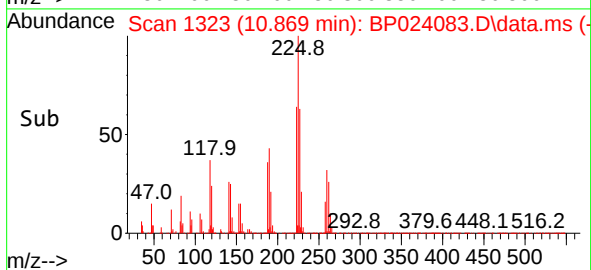
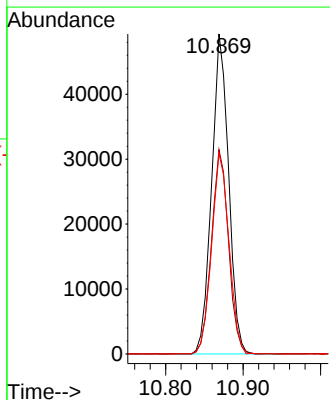
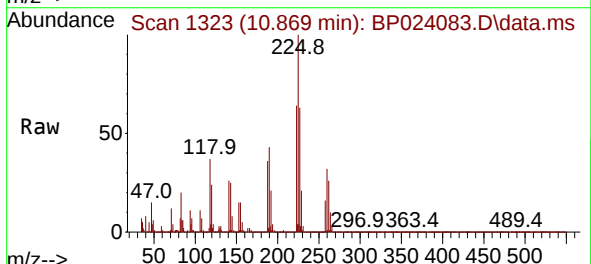
Manual Integrations
APPROVED

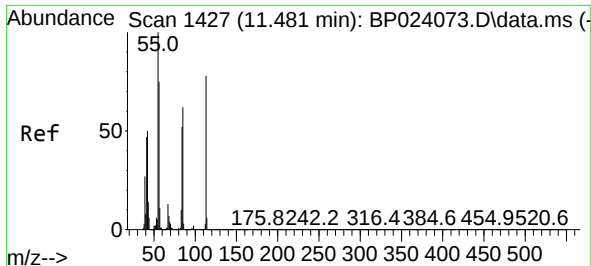
Reviewed By :Rahul Chavli 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#34
Hexachlorobutadiene
Concen: 5.982 ng
RT: 10.869 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BP024083.D
Acq: 18 Feb 2025 13:54

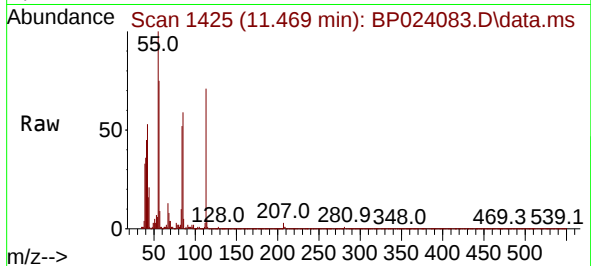
Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.9	50.5	75.7
227	62.7	51.3	76.9





#35
Caprolactam
Concen: 9.197 ng
RT: 11.469 min Scan# 1425
Delta R.T. -0.012 min
Lab File: BP024083.D
Acq: 18 Feb 2025 13:54

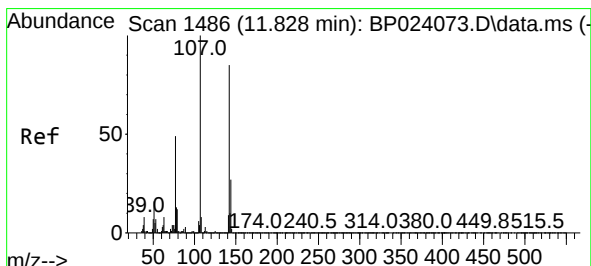
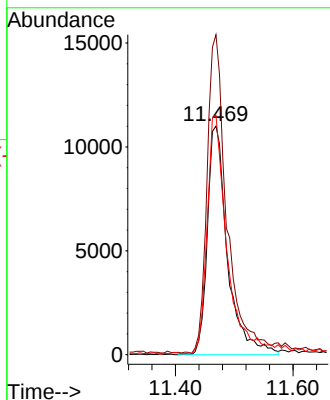
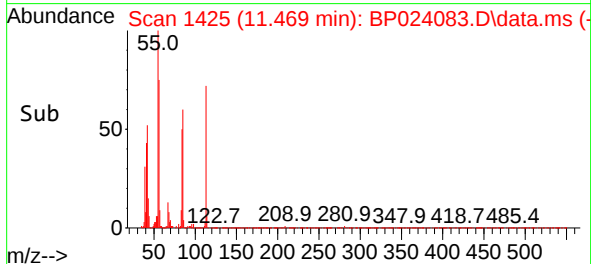
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion:113 Resp: 26114
Ion Ratio Lower Upper
113 100
55 139.9 108.8 148.8
56 104.6 76.5 116.5

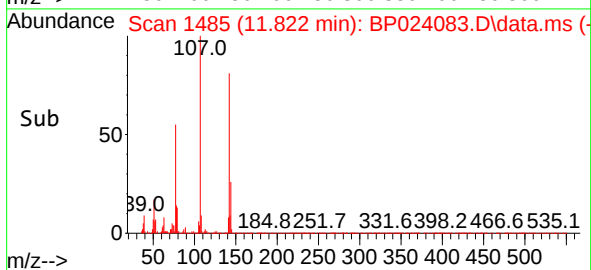
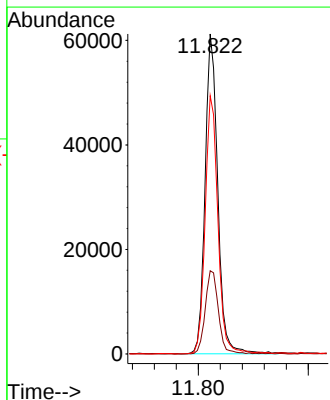
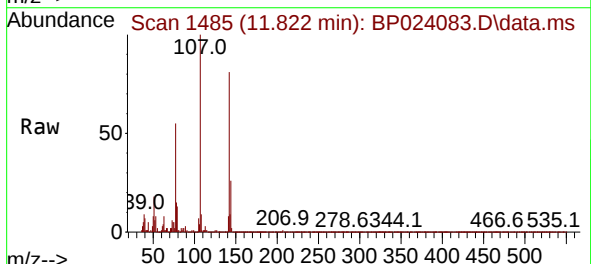
Manual Integrations
APPROVED

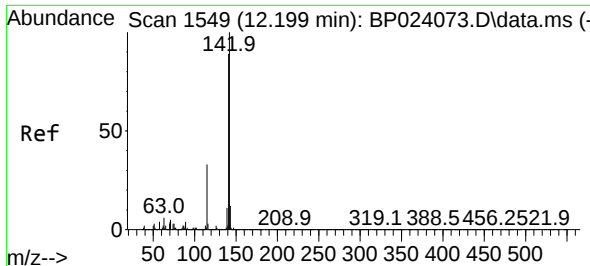
Reviewed By :Rahul Chavli 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#36
4-Chloro-3-methylphenol
Concen: 5.029 ng
RT: 11.822 min Scan# 1485
Delta R.T. -0.006 min
Lab File: BP024083.D
Acq: 18 Feb 2025 13:54

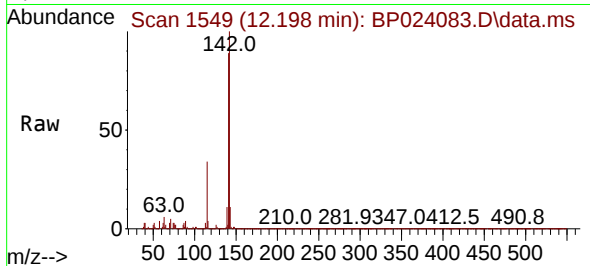
Tgt Ion:107 Resp: 97784
Ion Ratio Lower Upper
107 100
144 26.0 21.8 32.8
142 80.7 67.8 101.8





#37
2-Methylnaphthalene
Concen: 6.129 ng
RT: 12.198 min Scan# 1549
Delta R.T. -0.000 min
Lab File: BP024083.D
Acq: 18 Feb 2025 13:54

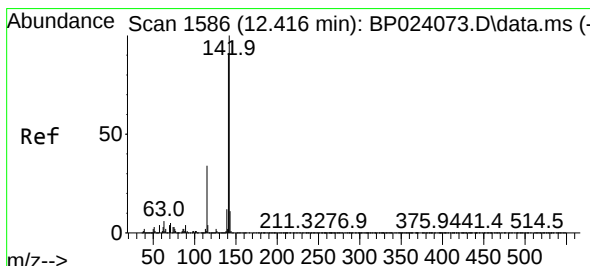
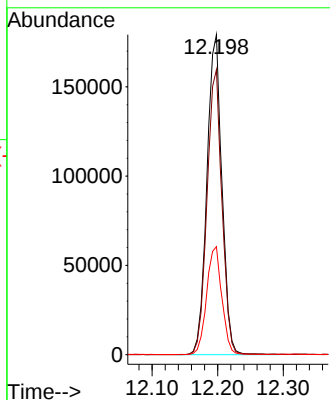
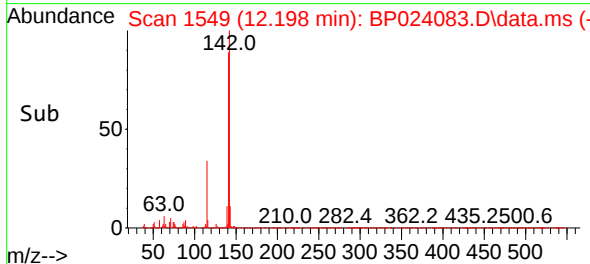
Instrument : BNA_P
ClientSampleId :
LOQ-WATER-02-QT1-2025



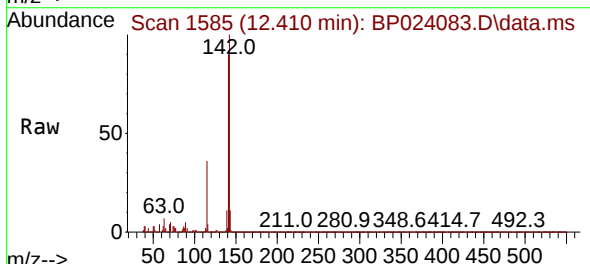
Tgt Ion:142 Resp: 284569
Ion Ratio Lower Upper
142 100
141 89.1 71.2 106.8
115 33.7 26.5 39.7

Manual Integrations
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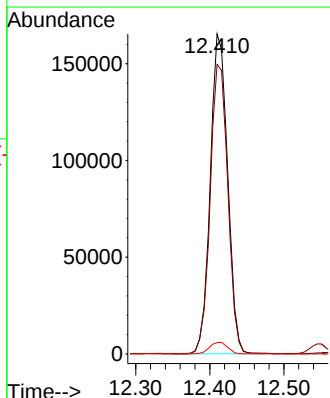
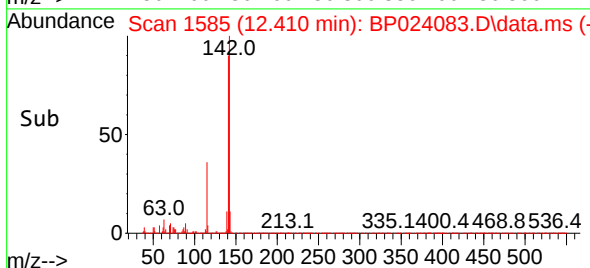
Reviewed By :Rahul Chavli 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025

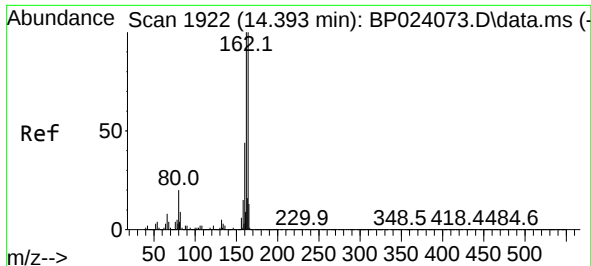


#38
1-Methylnaphthalene
Concen: 5.956 ng
RT: 12.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BP024083.D
Acq: 18 Feb 2025 13:54



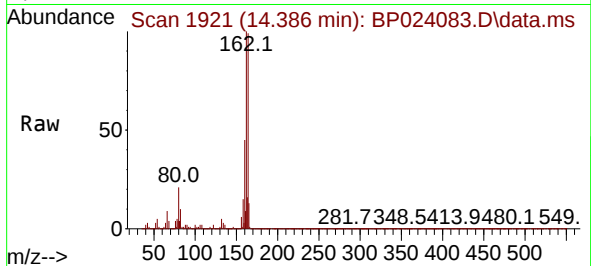
Tgt Ion:142 Resp: 269019
Ion Ratio Lower Upper
142 100
141 90.4 73.0 109.6
116 3.5 2.8 4.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.386 min Scan# 1922
Delta R.T. -0.006 min
Lab File: BP024083.D
Acq: 18 Feb 2025 13:54

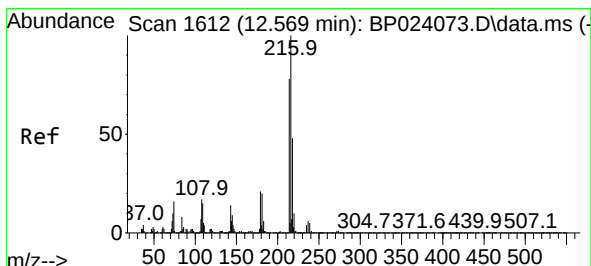
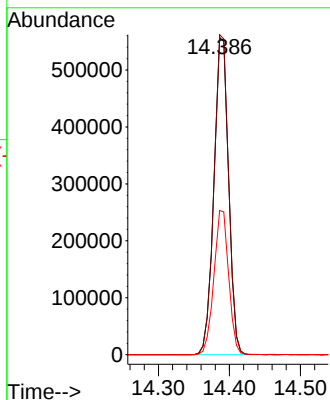
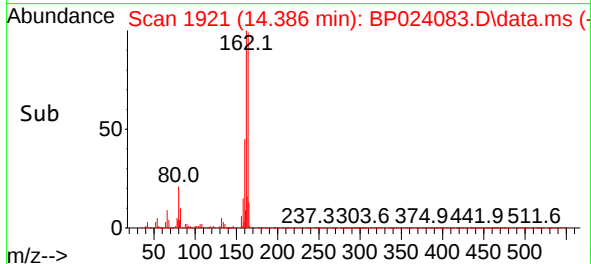
Instrument : BNA_P
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion:164 Resp: 795988
Ion Ratio Lower Upper
164 100
162 100.9 80.1 120.1
160 45.4 35.6 53.4

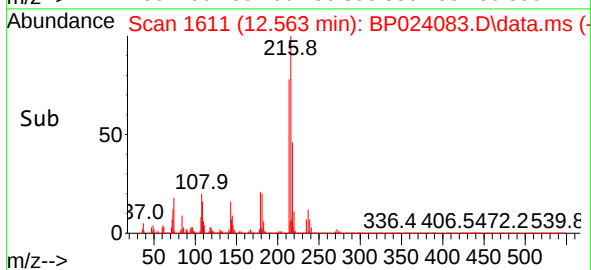
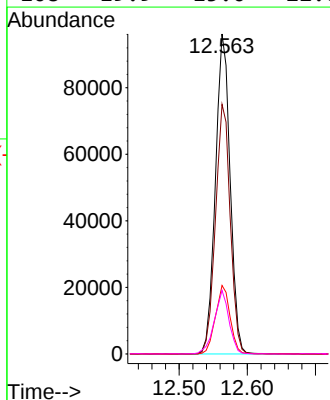
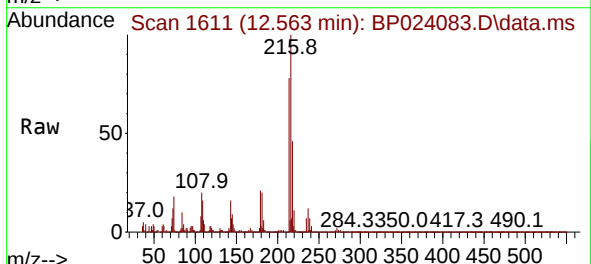
Manual Integrations
APPROVED

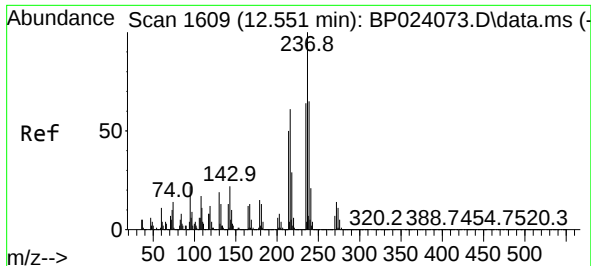
Reviewed By :Rahul Chavli 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 5.899 ng
RT: 12.563 min Scan# 1611
Delta R.T. -0.006 min
Lab File: BP024083.D
Acq: 18 Feb 2025 13:54

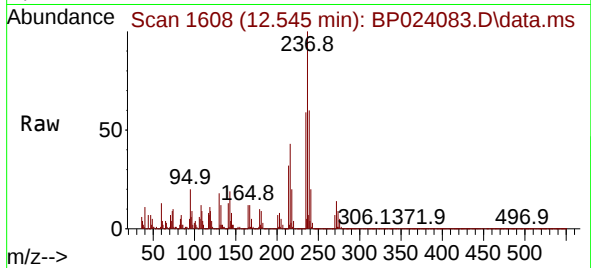
Tgt Ion:216 Resp: 144269
Ion Ratio Lower Upper
216 100
214 78.3 62.7 94.1
179 21.4 16.6 25.0
108 19.9 15.0 22.6





#41
Hexachlorocyclopentadiene
Concen: 6.448 ng
RT: 12.545 min Scan# 10
Delta R.T. -0.006 min
Lab File: BP024083.D
Acq: 18 Feb 2025 13:54

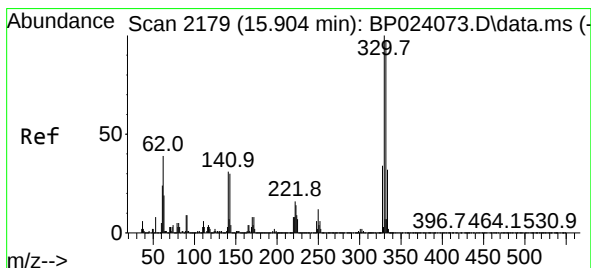
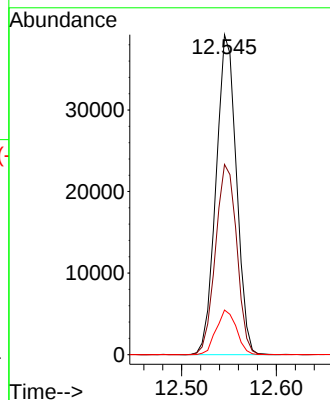
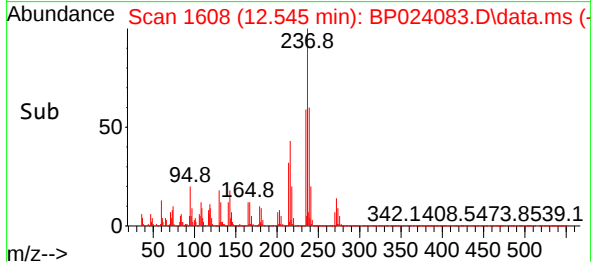
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion: 237 Resp: 5868
Ion Ratio Lower Upper
237 100
235 59.5 43.5 83.5
272 14.0 0.0 33.7

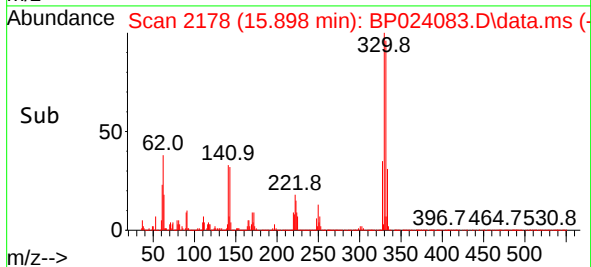
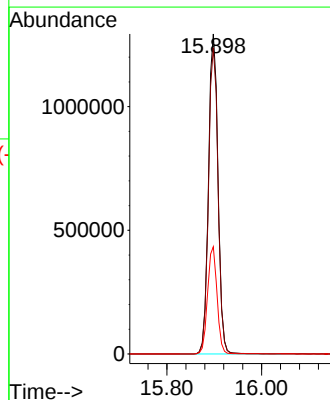
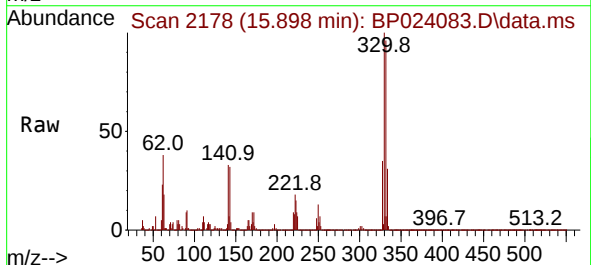
Manual Integrations
APPROVED

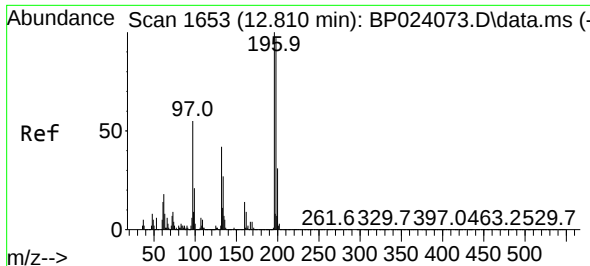
Reviewed By :Rahul Chavli 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#42
2,4,6-Tribromophenol
Concen: 184.773 ng
RT: 15.898 min Scan# 2178
Delta R.T. -0.006 min
Lab File: BP024083.D
Acq: 18 Feb 2025 13:54

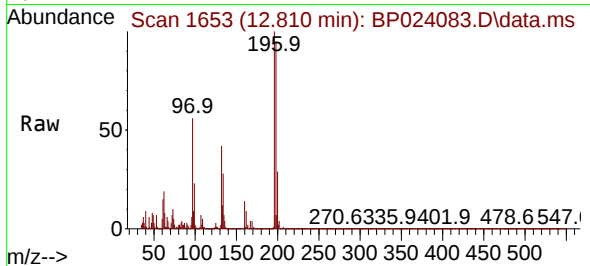
Tgt Ion: 330 Resp: 1801531
Ion Ratio Lower Upper
330 100
332 96.2 77.0 115.4
141 33.4 28.3 42.5





#43
2,4,6-Trichlorophenol
Concen: 4.668 ng
RT: 12.810 min Scan# 1653
Delta R.T. -0.000 min
Lab File: BP024083.D
Acq: 18 Feb 2025 13:54

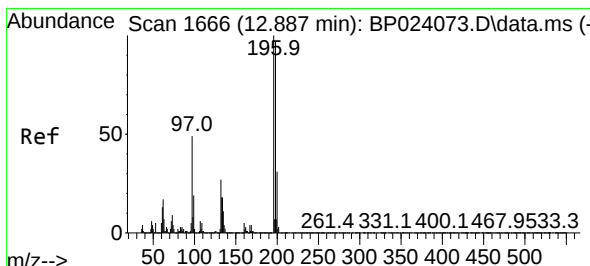
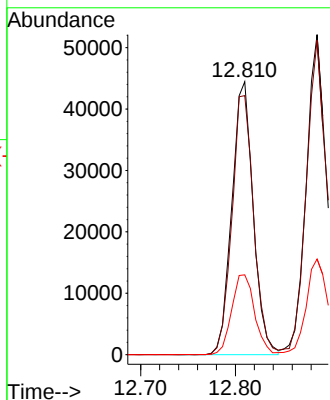
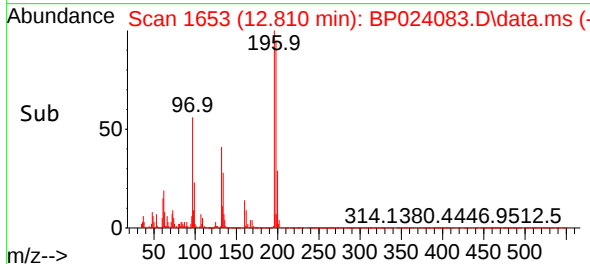
Instrument : BNA_P
ClientSampleId :
LOQ-WATER-02-QT1-2025



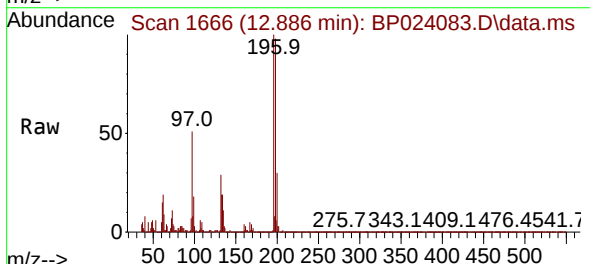
Tgt Ion:196 Resp: 6963
Ion Ratio Lower Upper
196 100
198 94.9 77.8 116.6
200 29.3 25.0 37.4

Manual Integrations
APPROVED

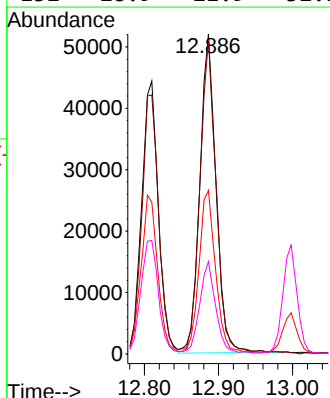
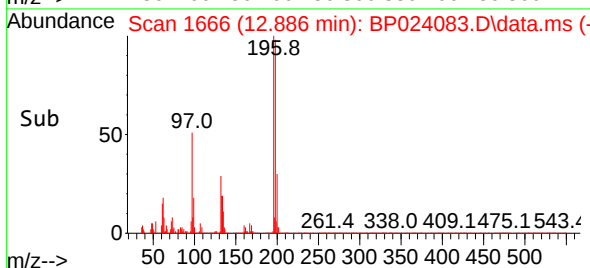
Reviewed By :Rahul Chavli 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025

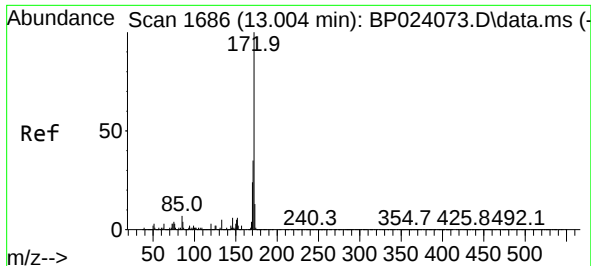


#44
2,4,5-Trichlorophenol
Concen: 4.840 ng
RT: 12.886 min Scan# 1666
Delta R.T. -0.000 min
Lab File: BP024083.D
Acq: 18 Feb 2025 13:54



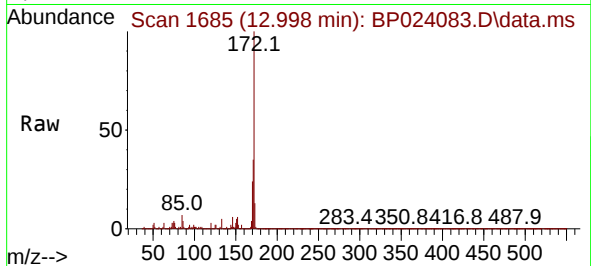
Tgt Ion:196 Resp: 78944
Ion Ratio Lower Upper
196 100
198 98.3 77.4 116.2
97 51.1 39.0 58.4
132 28.9 21.9 32.9





#45
2-Fluorobiphenyl
Concen: 90.395 ng
RT: 12.998 min Scan# 1685
Delta R.T. -0.006 min
Lab File: BP024083.D
Acq: 18 Feb 2025 13:54

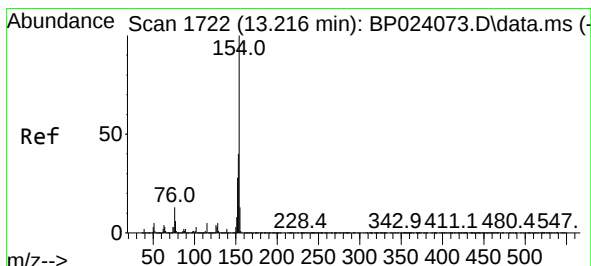
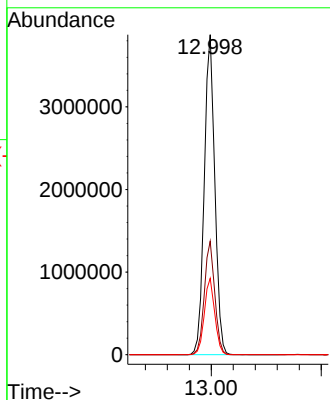
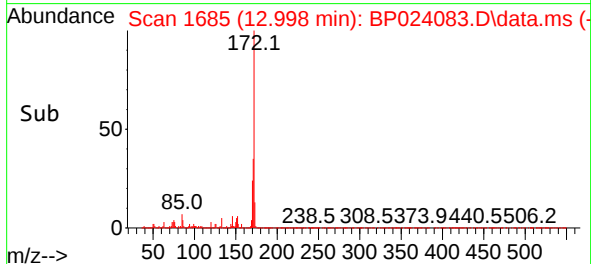
Instrument : BNA_P
ClientSampleId : LOQ-WATER-02-QT1-2025



Tgt Ion:172 Resp: 5146879
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.2
170 23.8 19.0 28.6

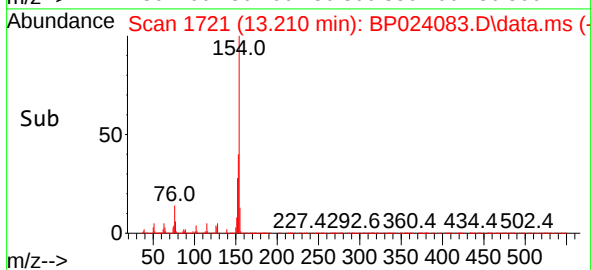
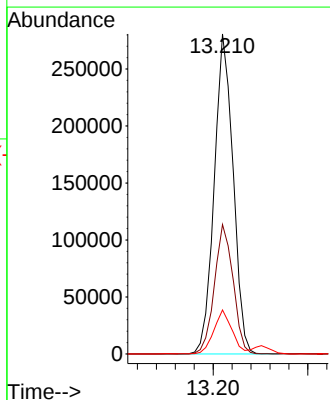
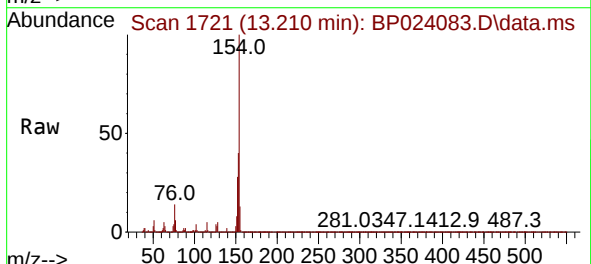
Manual Integrations
APPROVED

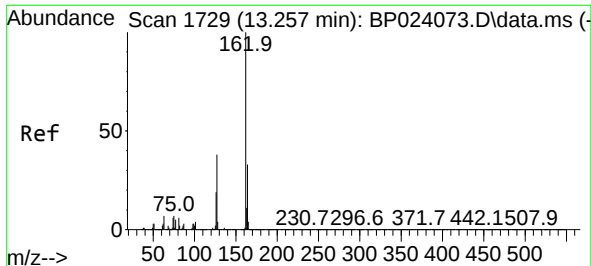
Reviewed By :Rahul Chavli 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#46
1,1'-Biphenyl
Concen: 6.279 ng
RT: 13.210 min Scan# 1721
Delta R.T. -0.006 min
Lab File: BP024083.D
Acq: 18 Feb 2025 13:54

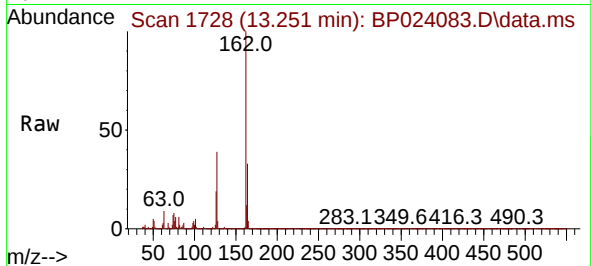
Tgt Ion:154 Resp: 388371
Ion Ratio Lower Upper
154 100
153 40.5 20.0 60.0
76 13.7 0.0 32.6





#47
2-Chloronaphthalene
Concen: 6.033 ng
RT: 13.251 min Scan# 1728
Delta R.T. -0.006 min
Lab File: BP024083.D
Acq: 18 Feb 2025 13:54

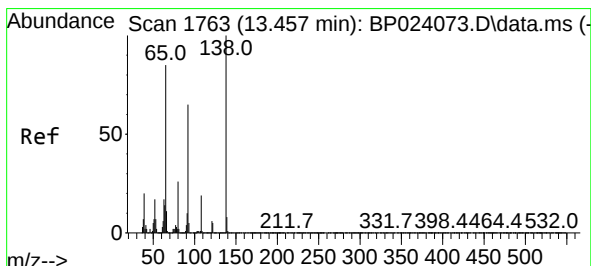
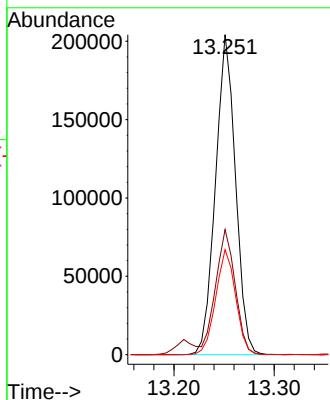
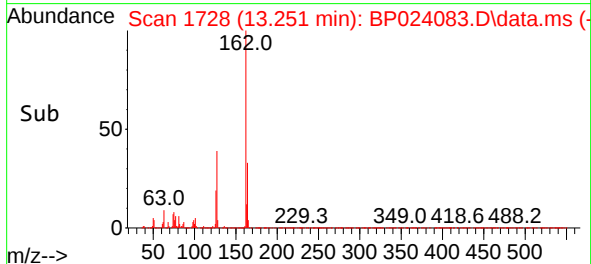
Instrument : BNA_P
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion: 162 Resp: 28207
Ion Ratio Lower Upper
162 100
127 39.1 30.7 46.1
164 32.8 26.6 39.8

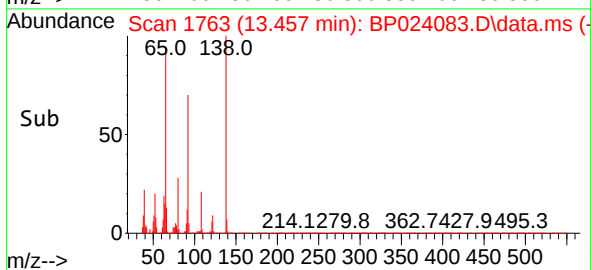
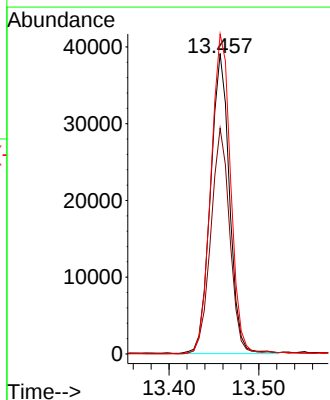
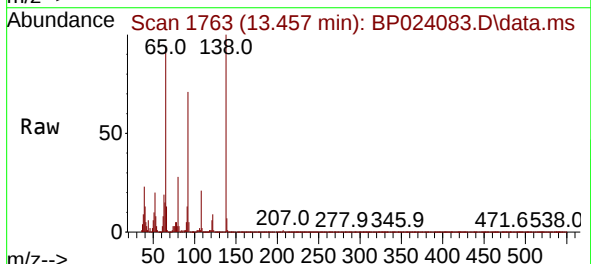
Manual Integrations
APPROVED

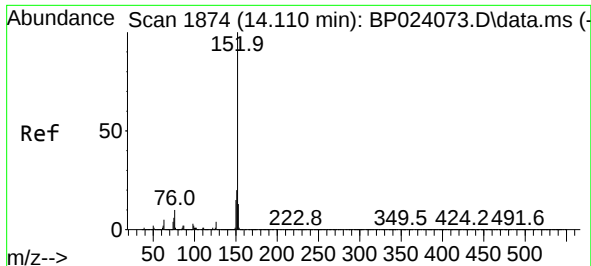
Reviewed By :Rahul Chavli 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#48
2-Nitroaniline
Concen: 5.207 ng
RT: 13.457 min Scan# 1763
Delta R.T. -0.000 min
Lab File: BP024083.D
Acq: 18 Feb 2025 13:54

Tgt Ion: 65 Resp: 57516
Ion Ratio Lower Upper
65 100
92 75.1 61.7 92.5
138 106.5 94.6 142.0





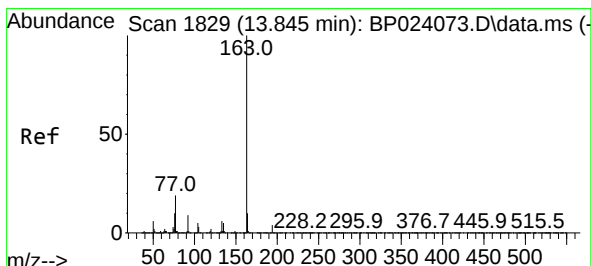
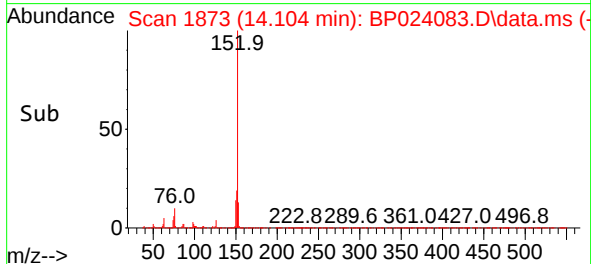
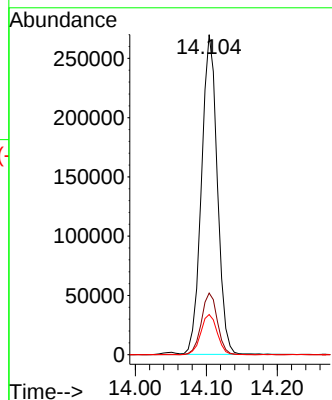
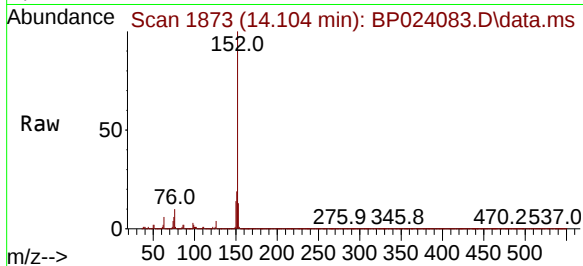
#49
Acenaphthylene
Concen: 6.069 ng
RT: 14.104 min Scan# 1873
Delta R.T. -0.006 min
Lab File: BP024083.D
Acq: 18 Feb 2025 13:54

Instrument : BNA_P
ClientSampleId :
LOQ-WATER-02-QT1-2025

Tgt Ion:152 Resp: 418080
Ion Ratio Lower Upper
152 100
151 19.3 15.8 23.8
153 12.6 10.7 16.1

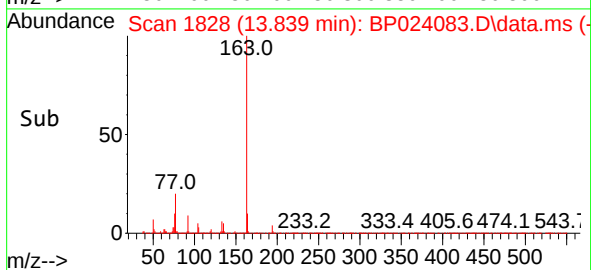
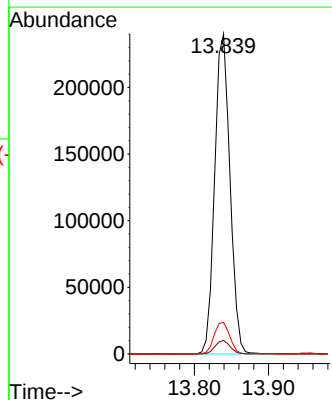
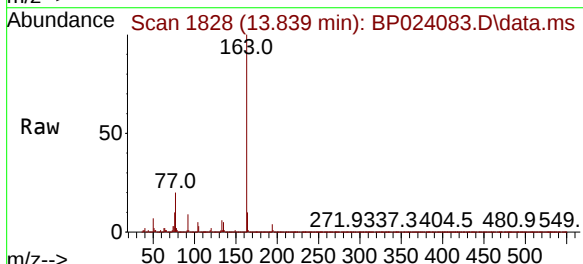
Manual Integrations
APPROVED

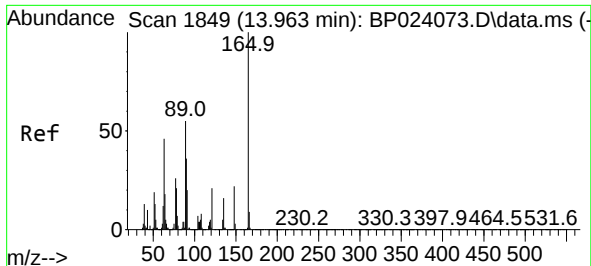
Reviewed By :Rahul Chavli 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#50
Dimethylphthalate
Concen: 6.118 ng
RT: 13.839 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BP024083.D
Acq: 18 Feb 2025 13:54

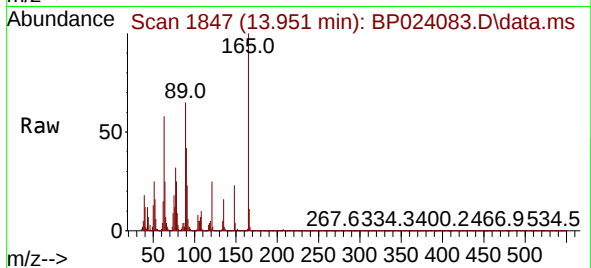
Tgt Ion:163 Resp: 343499
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.2
164 9.9 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 5.362 ng
RT: 13.951 min Scan# 1847
Delta R.T. -0.012 min
Lab File: BP024083.D
Acq: 18 Feb 2025 13:54

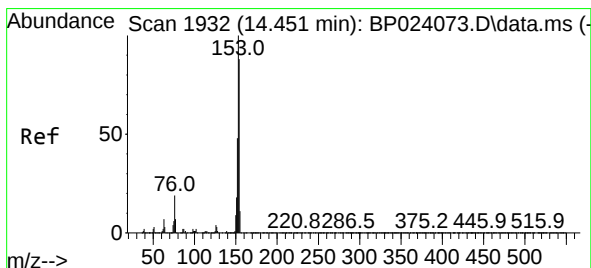
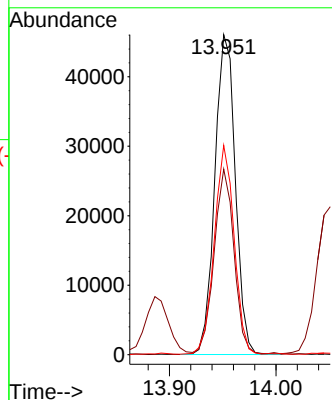
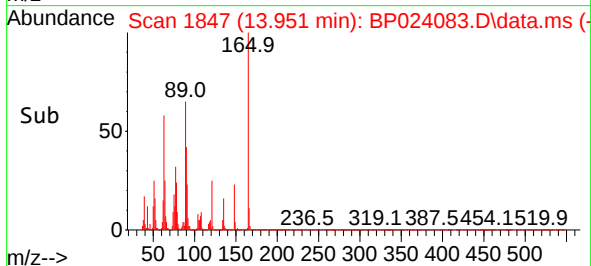
Instrument : BNA_P
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion:165 Resp: 61329
Ion Ratio Lower Upper
165 100
63 58.0 40.1 60.1
89 65.4 44.2 66.4

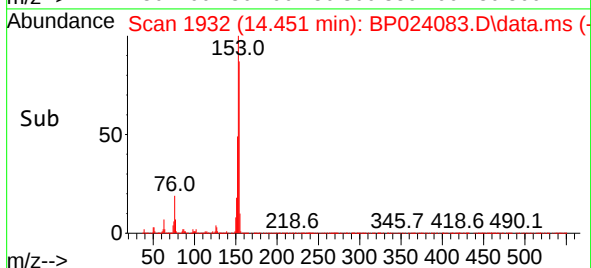
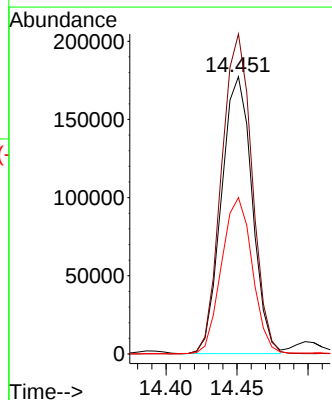
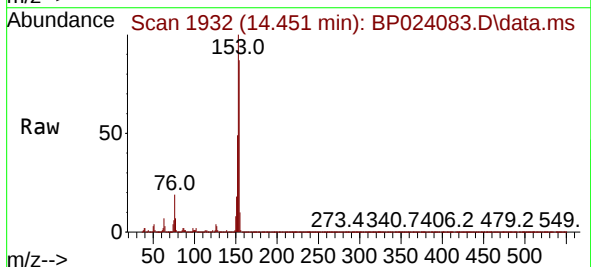
Manual Integrations
APPROVED

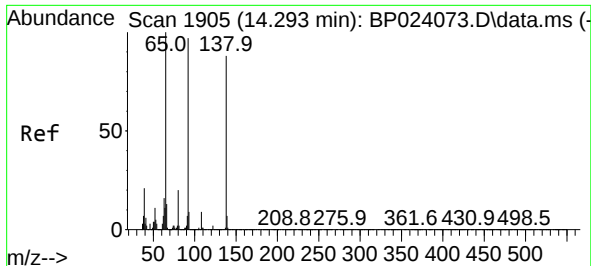
Reviewed By :Rahul Chavli 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#52
Acenaphthene
Concen: 6.010 ng
RT: 14.451 min Scan# 1932
Delta R.T. -0.000 min
Lab File: BP024083.D
Acq: 18 Feb 2025 13:54

Tgt Ion:154 Resp: 266614
Ion Ratio Lower Upper
154 100
153 115.4 90.6 135.8
152 56.4 43.6 65.4





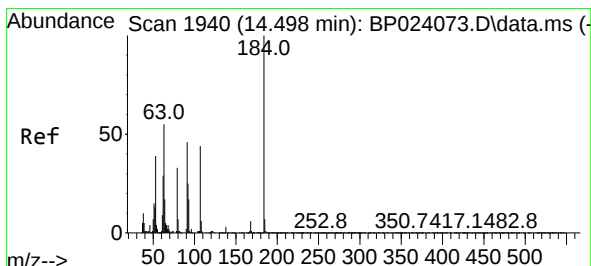
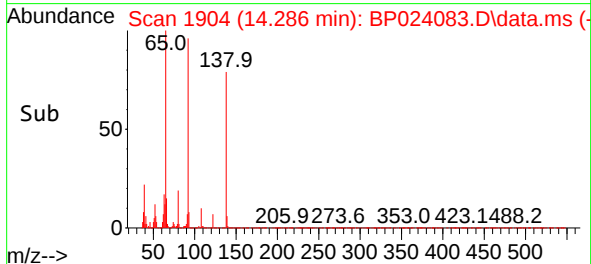
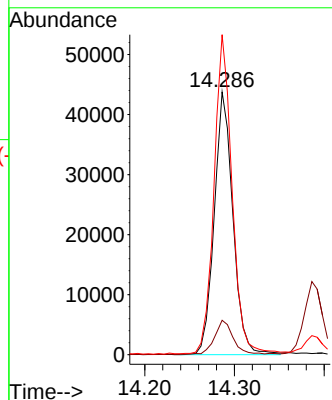
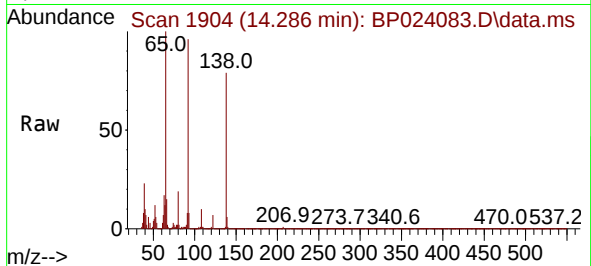
#53
3-Nitroaniline
Concen: 5.191 ng
RT: 14.286 min Scan# 1904
Delta R.T. -0.006 min
Lab File: BP024083.D
Acq: 18 Feb 2025 13:54

Instrument : BNA_P
ClientSampleId :
LOQ-WATER-02-QT1-2025

Tgt Ion:138 Resp: 63360
Ion Ratio Lower Upper
138 100
108 13.1 7.8 11.8
92 121.8 88.4 132.6

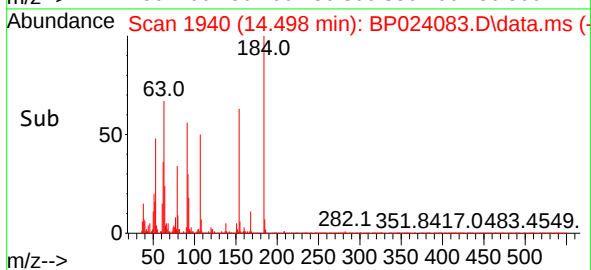
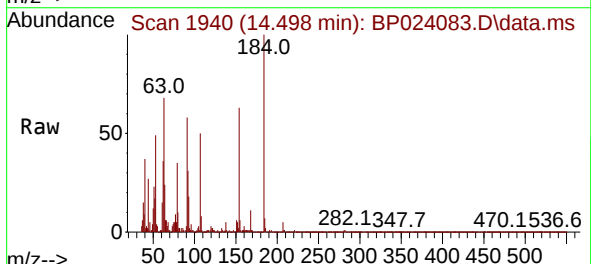
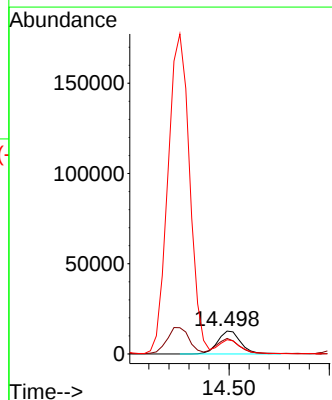
Manual Integrations
APPROVED

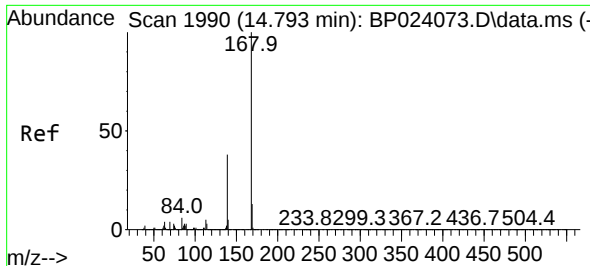
Reviewed By :Rahul Chavli 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#54
2,4-Dinitrophenol
Concen: 10.209 ng
RT: 14.498 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BP024083.D
Acq: 18 Feb 2025 13:54

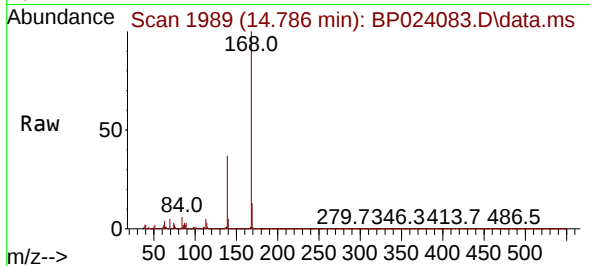
Tgt Ion:184 Resp: 20297
Ion Ratio Lower Upper
184 100
63 68.0 49.4 74.0
154 62.5 49.2 73.8





#55
Dibenzenofuran
Concen: 6.341 ng
RT: 14.786 min Scan# 1989
Delta R.T. -0.006 min
Lab File: BP024083.D
Acq: 18 Feb 2025 13:54

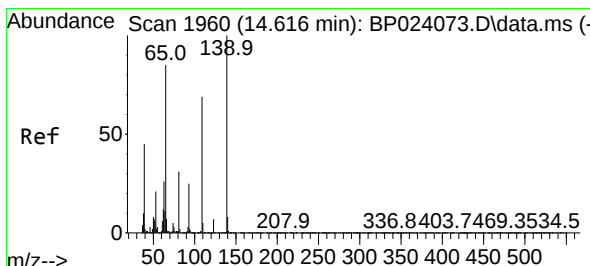
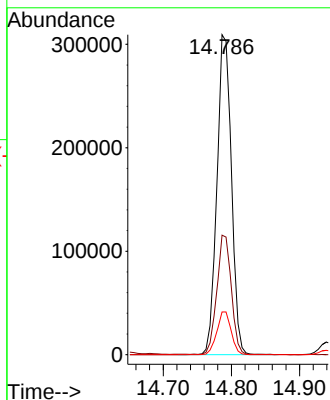
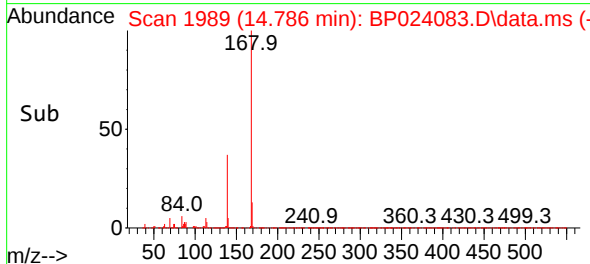
Instrument : BNA_P
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion:168 Resp: 45699
Ion Ratio Lower Upper
168 100
139 37.4 30.2 45.2
169 13.4 10.7 16.1

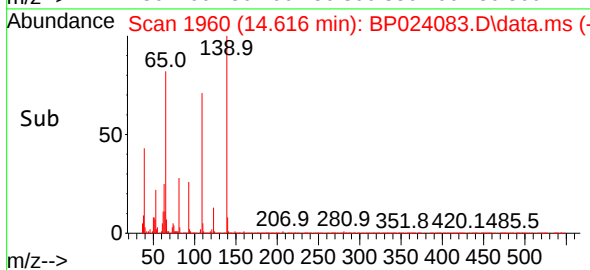
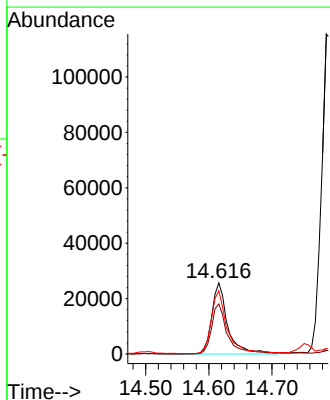
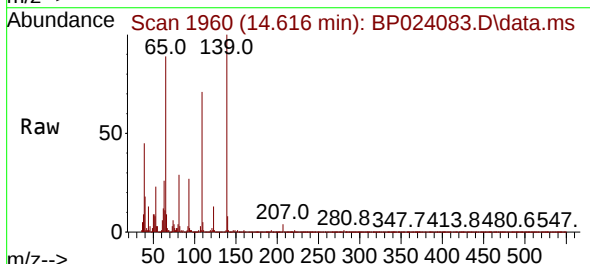
Manual Integrations
APPROVED

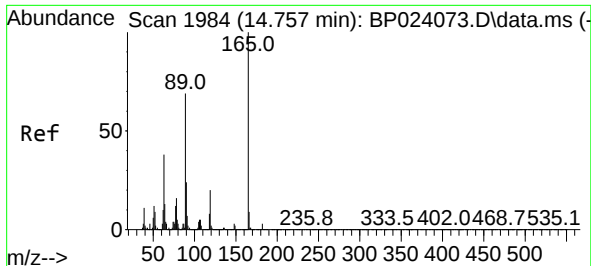
Reviewed By :Rahul Chavli 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#56
4-Nitrophenol
Concen: 4.263 ng
RT: 14.616 min Scan# 1960
Delta R.T. -0.000 min
Lab File: BP024083.D
Acq: 18 Feb 2025 13:54

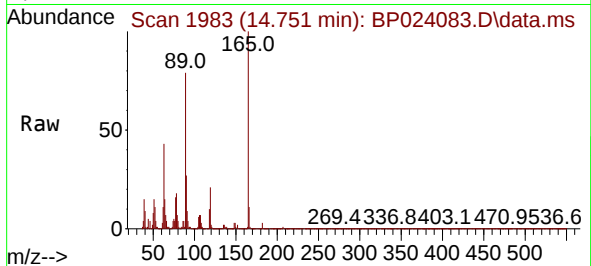
Tgt Ion:139 Resp: 44947
Ion Ratio Lower Upper
139 100
109 70.5 49.2 89.2
65 89.1 65.4 105.4





#57
2,4-Dinitrotoluene
Concen: 5.410 ng
RT: 14.751 min Scan# 1983
Delta R.T. -0.006 min
Lab File: BP024083.D
Acq: 18 Feb 2025 13:54

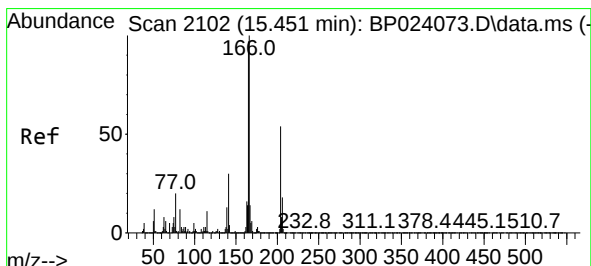
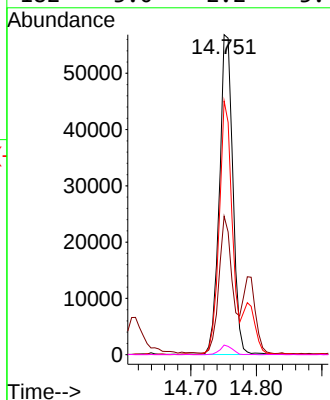
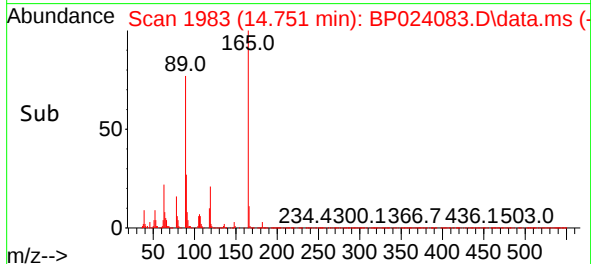
Instrument : BNA_P
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion:165 Resp: 80379
Ion Ratio Lower Upper
165 100
63 43.2 30.4 45.6
89 79.3 54.8 82.2
182 3.0 2.2 3.4

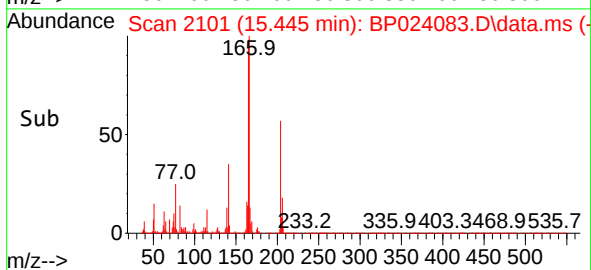
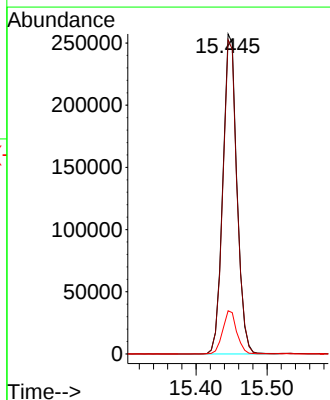
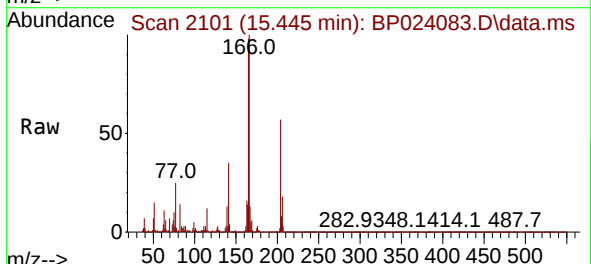
Manual Integrations
APPROVED

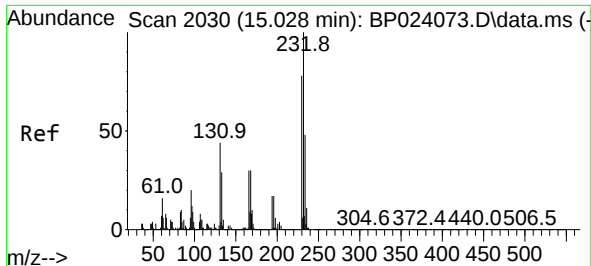
Reviewed By :Rahul Chavli 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#58
Fluorene
Concen: 6.262 ng
RT: 15.445 min Scan# 2101
Delta R.T. -0.006 min
Lab File: BP024083.D
Acq: 18 Feb 2025 13:54

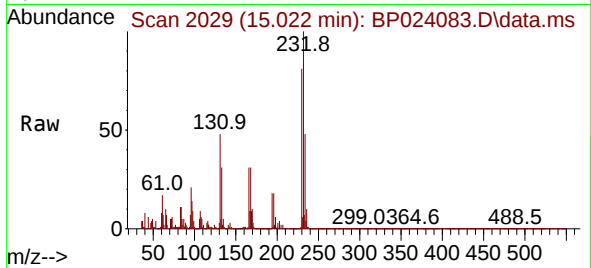
Tgt Ion:166 Resp: 352444
Ion Ratio Lower Upper
166 100
165 98.2 77.5 116.3
167 13.5 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 5.461 ng
RT: 15.022 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BP024083.D
Acq: 18 Feb 2025 13:54

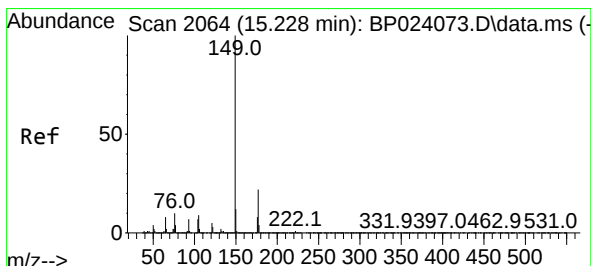
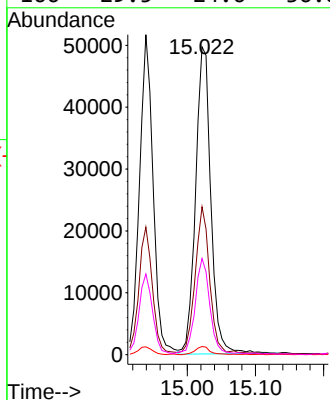
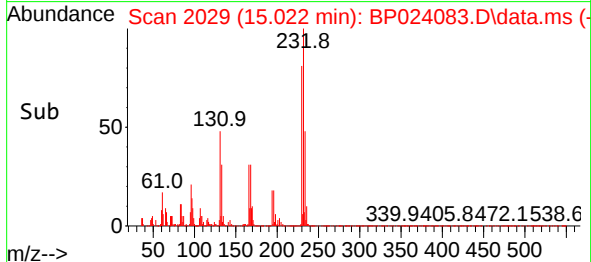
Instrument : BNA_P
ClientSampleId : LOQ-WATER-02-QT1-2025



Tgt Ion:232 Resp: 77279
Ion Ratio Lower Upper
232 100
131 45.9 37.3 55.9
130 2.7 1.9 2.9
166 29.5 24.6 36.8

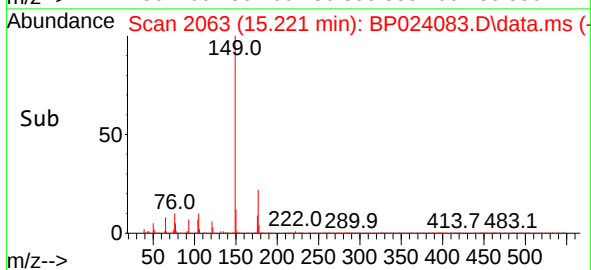
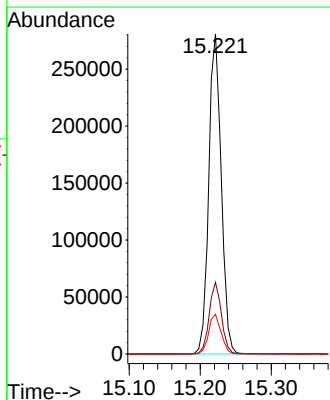
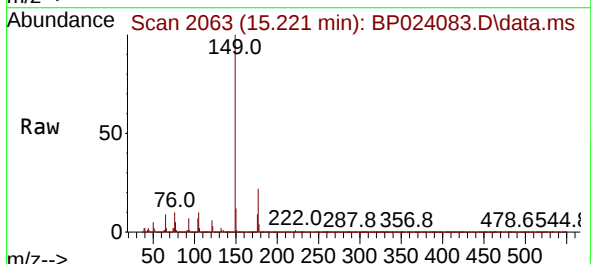
Manual Integrations
APPROVED

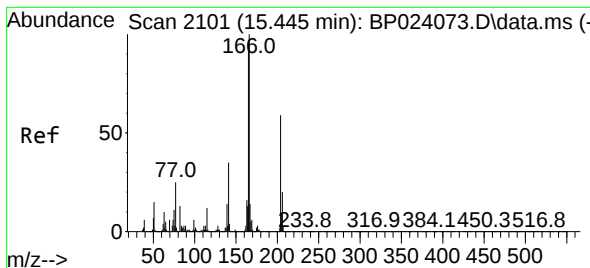
Reviewed By :Rahul Chavli 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#60
Diethylphthalate
Concen: 6.147 ng
RT: 15.221 min Scan# 2063
Delta R.T. -0.006 min
Lab File: BP024083.D
Acq: 18 Feb 2025 13:54

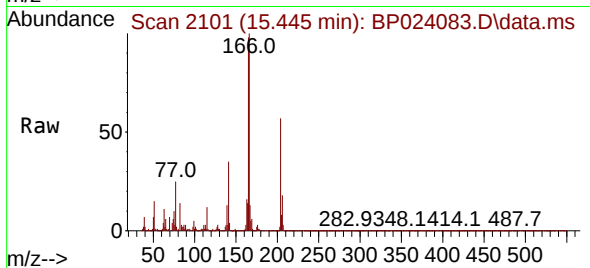
Tgt Ion:149 Resp: 342632
Ion Ratio Lower Upper
149 100
177 22.4 17.9 26.9
150 12.4 9.8 14.6





#61
4-Chlorophenyl-phenylether
Concen: 6.288 ng
RT: 15.445 min Scan# 2101
Delta R.T. -0.000 min
Lab File: BP024083.D
Acq: 18 Feb 2025 13:54

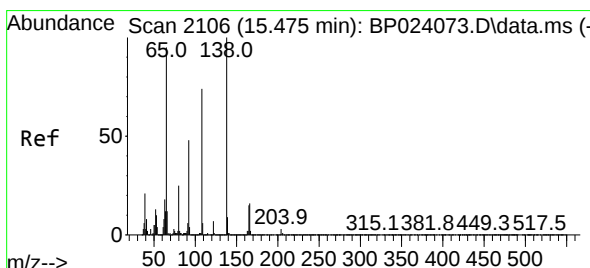
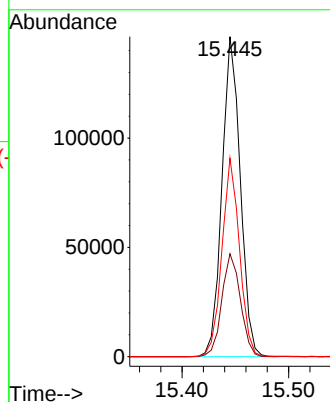
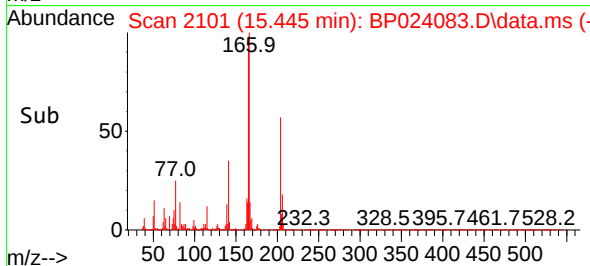
Instrument : BNA_P
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion:204 Resp: 174192
Ion Ratio Lower Upper
204 100
206 32.1 26.6 39.8
141 62.0 47.8 71.6

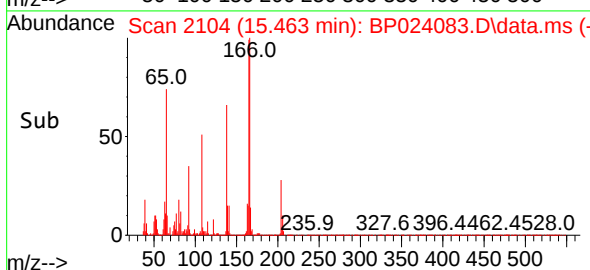
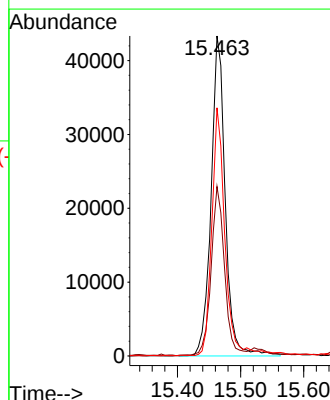
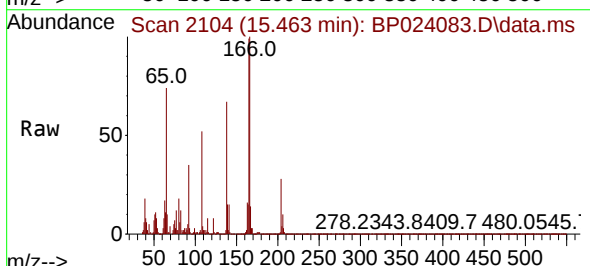
Manual Integrations
APPROVED

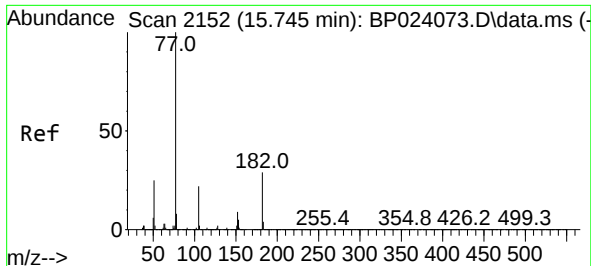
Reviewed By :Rahul Chavli 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#62
4-Nitroaniline
Concen: 7.644 ng
RT: 15.463 min Scan# 2104
Delta R.T. -0.012 min
Lab File: BP024083.D
Acq: 18 Feb 2025 13:54

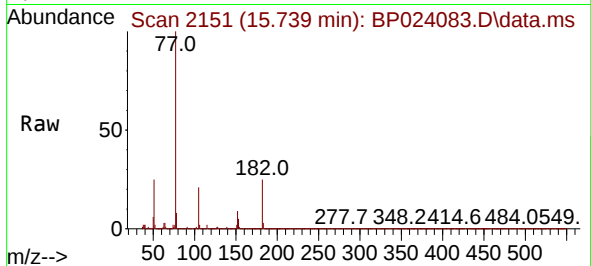
Tgt Ion:138 Resp: 67578
Ion Ratio Lower Upper
138 100
92 52.9 28.3 68.3
108 77.6 54.0 94.0





#63
Azobenzene
Concen: 6.235 ng
RT: 15.739 min Scan# 2151
Delta R.T. -0.006 min
Lab File: BP024083.D
Acq: 18 Feb 2025 13:54

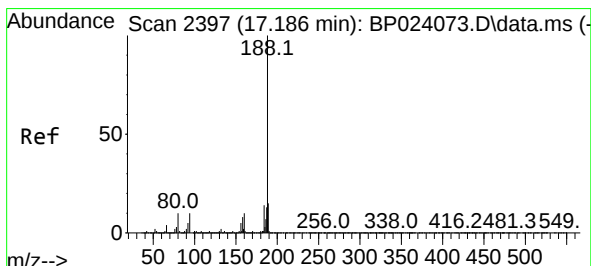
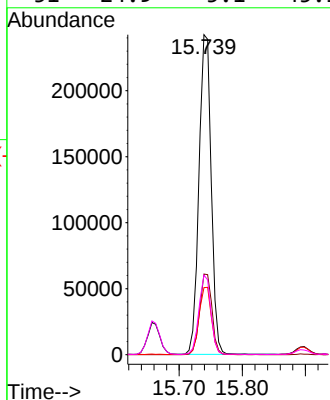
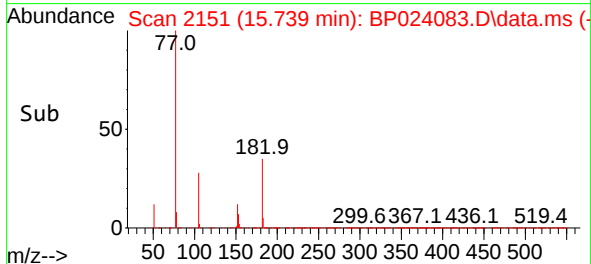
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT1-2025



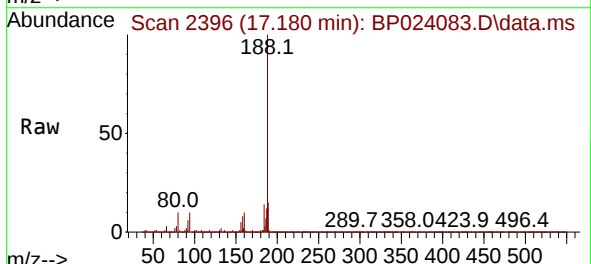
Tgt Ion: 77 Resp: 325648
Ion Ratio Lower Upper
77 100
182 25.2 8.5 48.5
105 21.0 1.8 41.8
51 24.9 5.1 45.1

Manual Integrations
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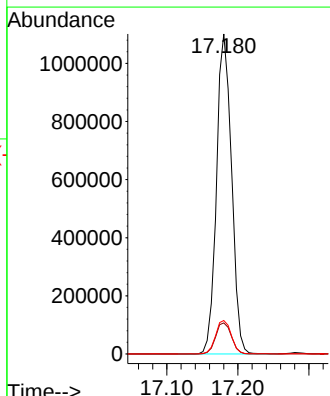
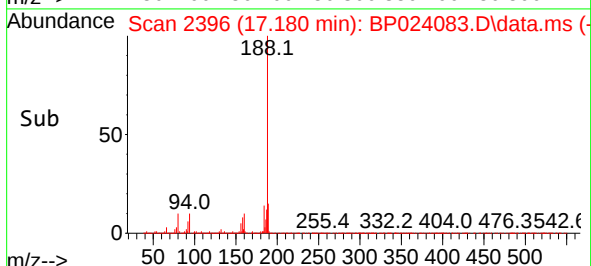
Reviewed By :Rahul Chavli 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025

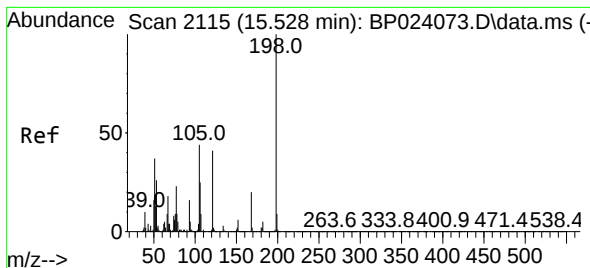


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.180 min Scan# 2396
Delta R.T. -0.006 min
Lab File: BP024083.D
Acq: 18 Feb 2025 13:54



Tgt Ion:188 Resp: 1612501
Ion Ratio Lower Upper
188 100
94 9.7 7.6 11.4
80 10.4 8.2 12.2





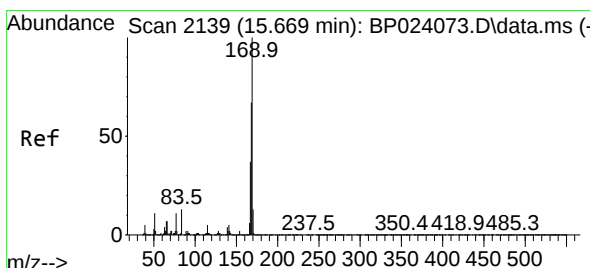
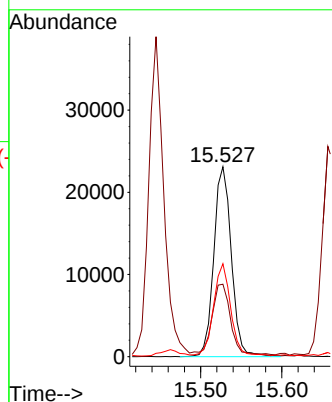
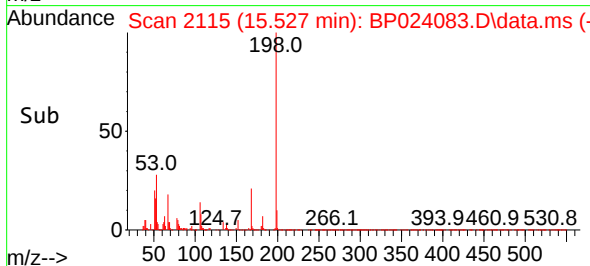
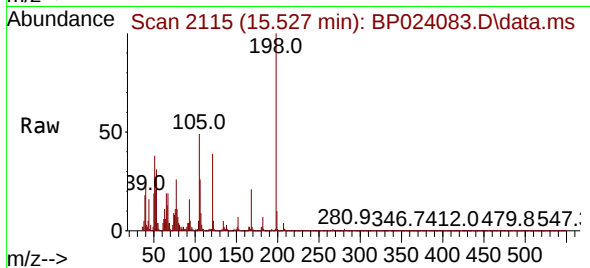
#65
4,6-Dinitro-2-methylphenol
Concen: 8.942 ng
RT: 15.527 min Scan# 2115
Delta R.T. -0.001 min
Lab File: BP024083.D
Acq: 18 Feb 2025 13:54

Instrument : BNA_P
ClientSampleId :
LOQ-WATER-02-QT1-2025

Tgt Ion:198 Resp: 34725
Ion Ratio Lower Upper
198 100
51 38.2 18.7 58.7
105 48.9 24.7 64.7

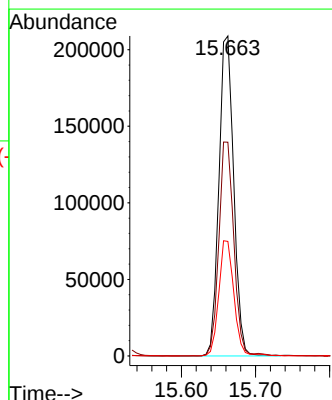
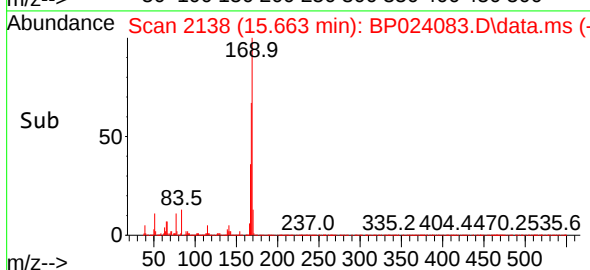
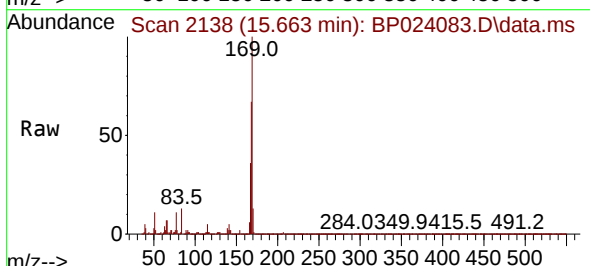
Manual Integrations
APPROVED

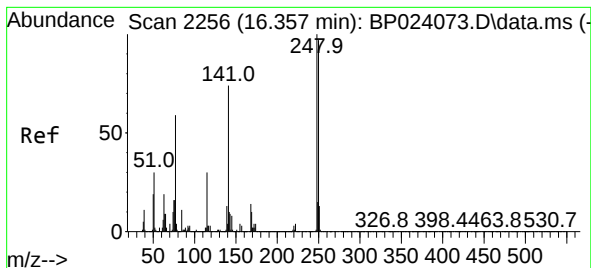
Reviewed By :Rahul Chavli 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#66
n-Nitrosodiphenylamine
Concen: 5.761 ng
RT: 15.663 min Scan# 2138
Delta R.T. -0.006 min
Lab File: BP024083.D
Acq: 18 Feb 2025 13:54

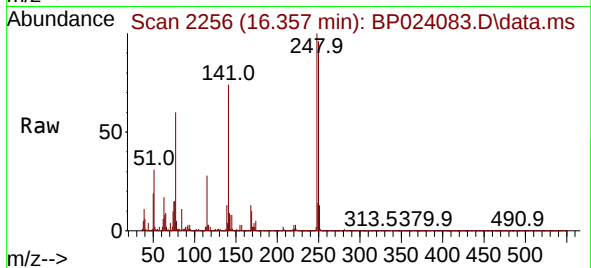
Tgt Ion:169 Resp: 289713
Ion Ratio Lower Upper
169 100
168 66.8 53.6 80.4
167 35.8 29.5 44.3





#67
4-Bromophenyl-phenylether
Concen: 5.742 ng
RT: 16.357 min Scan# 2256
Delta R.T. -0.000 min
Lab File: BP024083.D
Acq: 18 Feb 2025 13:54

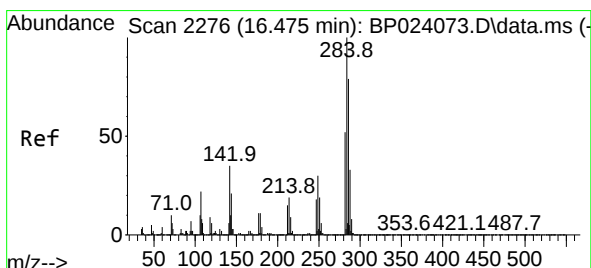
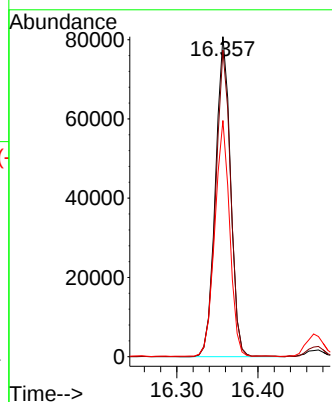
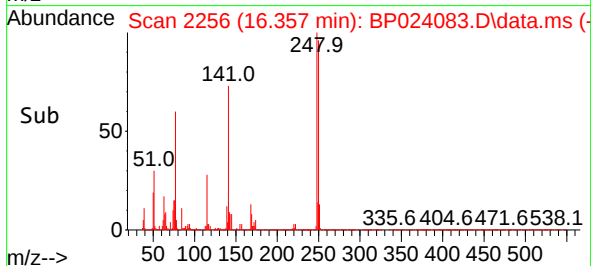
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion:248 Resp: 103970
Ion Ratio Lower Upper
248 100
250 95.8 77.9 116.9
141 73.8 58.8 88.2

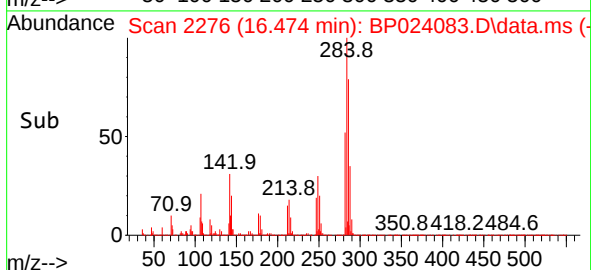
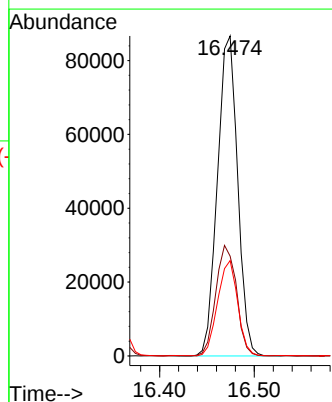
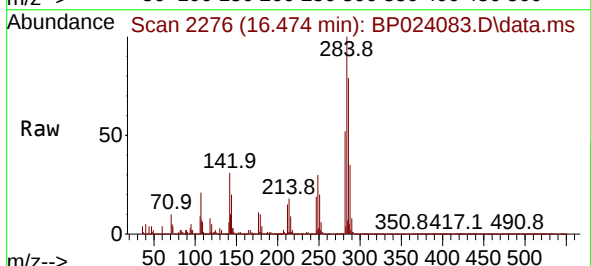
Manual Integrations
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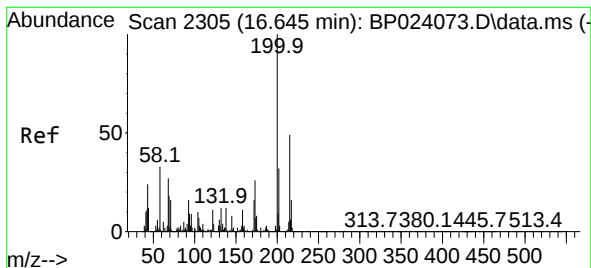
Reviewed By :Rahul Chavli 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#68
Hexachlorobenzene
Concen: 6.041 ng
RT: 16.474 min Scan# 2276
Delta R.T. -0.000 min
Lab File: BP024083.D
Acq: 18 Feb 2025 13:54

Tgt Ion:284 Resp: 128711
Ion Ratio Lower Upper
284 100
142 31.2 27.7 41.5
249 29.8 23.8 35.6





#69

Atrazine

Concen: 6.876 ng

RT: 16.639 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024083.D

Acq: 18 Feb 2025 13:54

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT1-2025

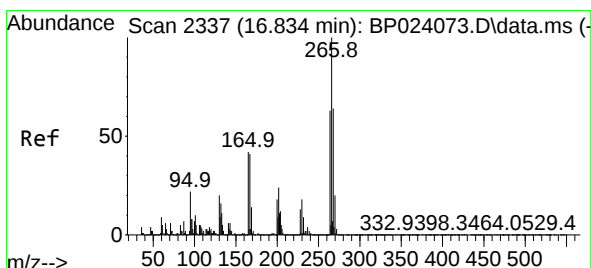
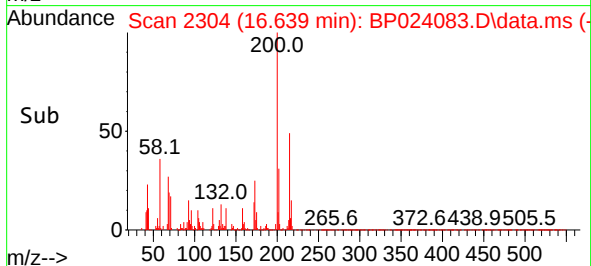
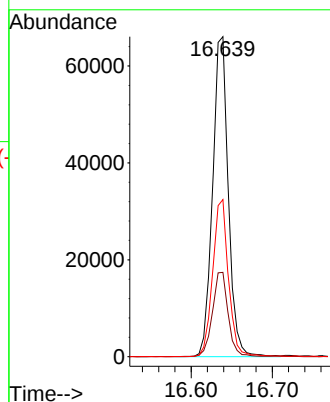
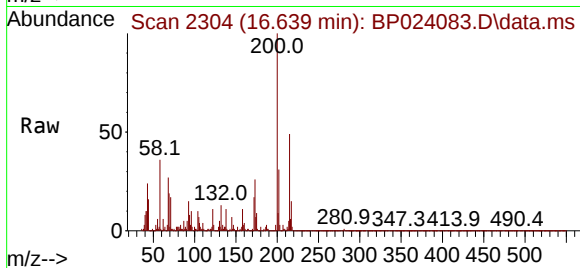
Tgt Ion:200 Resp: 88735
 Ion Ratio Lower Upper
 200 100
 173 26.3 5.7 45.7
 215 49.1 28.7 68.7

Manual Integrations

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Reviewed By :Rahul Chavli 02/20/2025

Supervised By :Jagrut Upadhyay 02/20/2025



#70

Pentachlorophenol

Concen: 3.760 ng

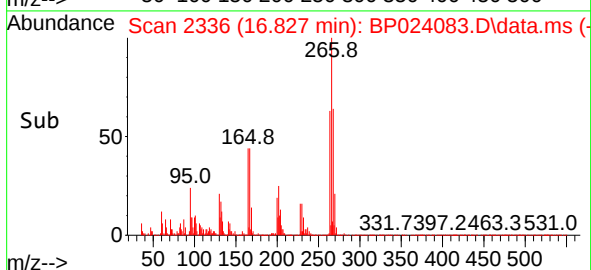
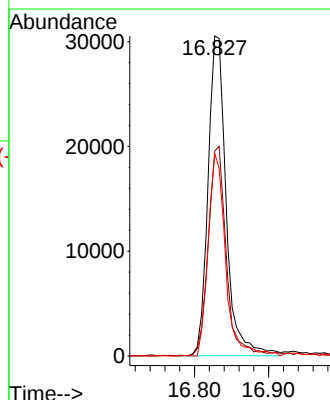
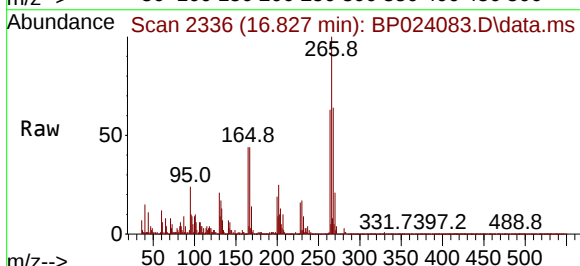
RT: 16.827 min Scan# 2336

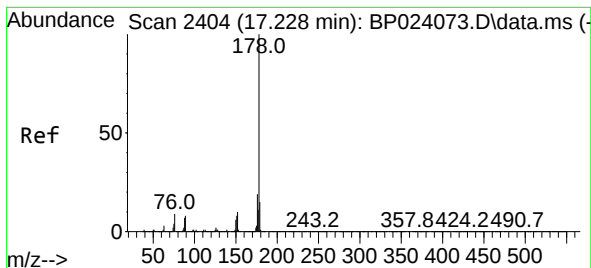
Delta R.T. -0.007 min

Lab File: BP024083.D

Acq: 18 Feb 2025 13:54

Tgt Ion:266 Resp: 52037
 Ion Ratio Lower Upper
 266 100
 268 64.0 51.3 76.9
 264 63.2 50.5 75.7





#71

Phenanthrene

Concen: 6.088 ng

RT: 17.227 min Scan# 2419

Delta R.T. -0.000 min

Lab File: BP024083.D

Acq: 18 Feb 2025 13:54

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT1-2025

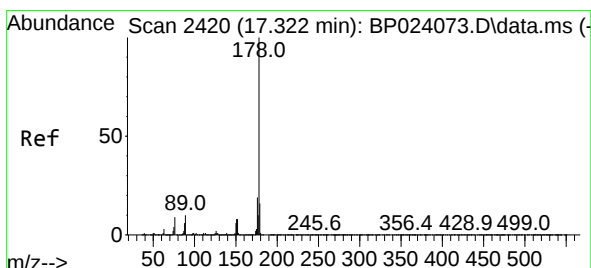
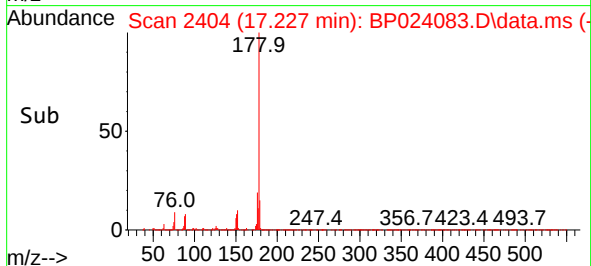
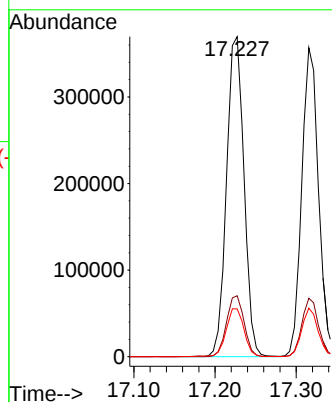
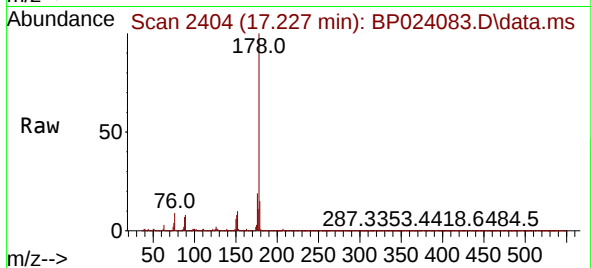
Tgt Ion:178 Resp: 553452
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.5 23.3
 179 15.0 12.4 18.6

Manual Integrations

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Reviewed By :Rahul Chavli 02/20/2025

Supervised By :Jagrut Upadhyay 02/20/2025



#72

Anthracene

Concen: 5.958 ng

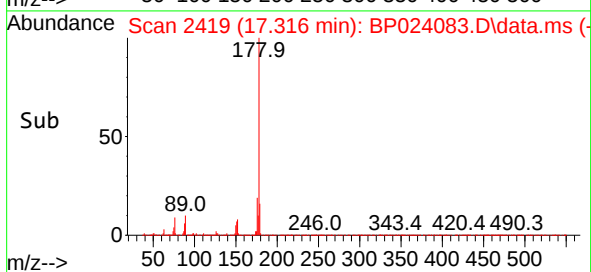
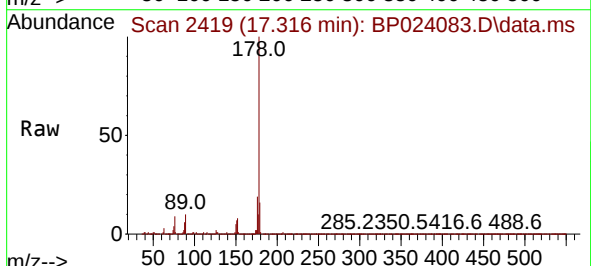
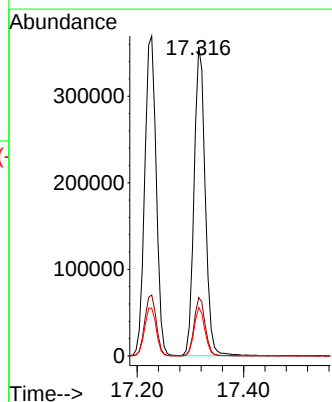
RT: 17.316 min Scan# 2419

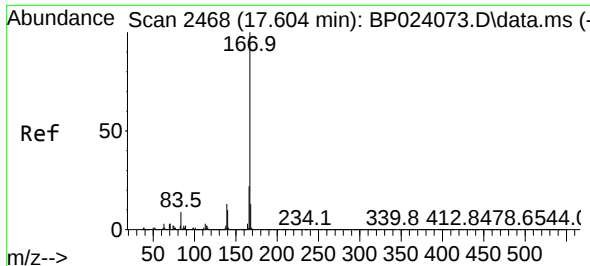
Delta R.T. -0.006 min

Lab File: BP024083.D

Acq: 18 Feb 2025 13:54

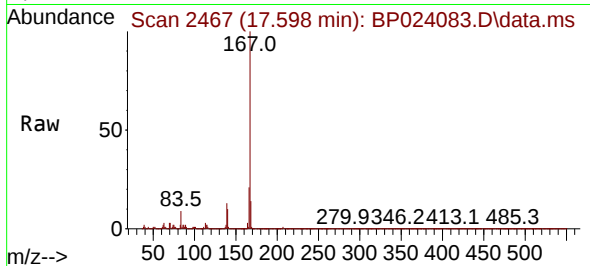
Tgt Ion:178 Resp: 519098
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.0
 179 15.7 12.6 19.0





#73
 Carbazole
 Concen: 5.621 ng
 RT: 17.598 min Scan# 2467
 Delta R.T. -0.006 min
 Lab File: BP024083.D
 Acq: 18 Feb 2025 13:54

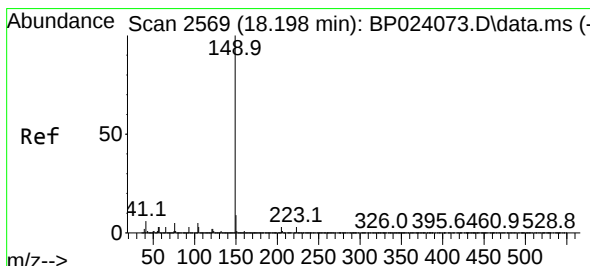
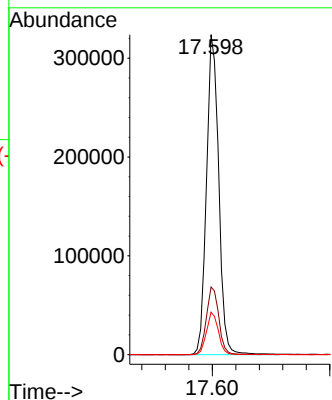
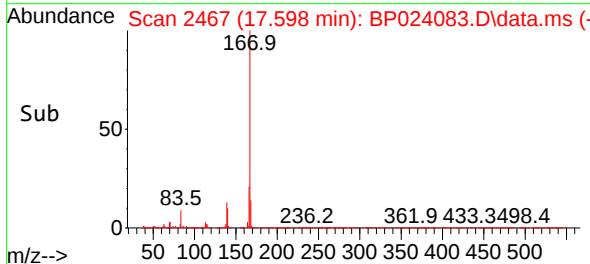
Instrument : BNA_P
 ClientSampleId :
 LOQ-WATER-02-QT1-2025



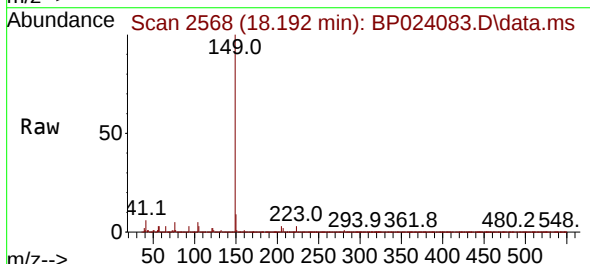
Tgt Ion:167 Resp: 46655
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.3 25.9
 139 13.3 10.3 15.5

Manual Integrations
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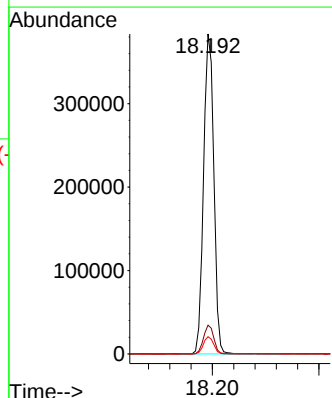
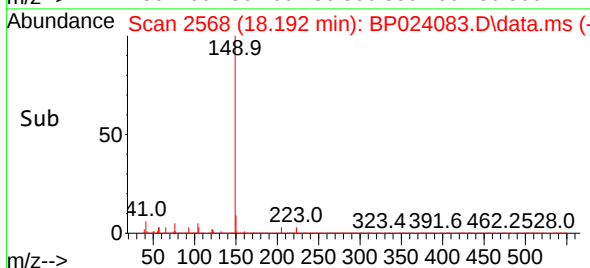
Reviewed By :Rahul Chavli 02/20/2025
 Supervised By :Jagrut Upadhyay 02/20/2025

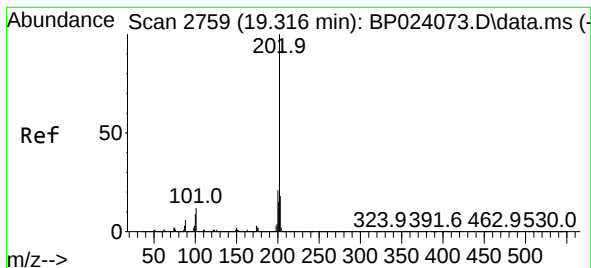


#74
 Di-n-butylphthalate
 Concen: 5.272 ng
 RT: 18.192 min Scan# 2568
 Delta R.T. -0.006 min
 Lab File: BP024083.D
 Acq: 18 Feb 2025 13:54



Tgt Ion:149 Resp: 510582
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.2
 104 5.4 4.2 6.2





#75

Fluoranthene

Concen: 5.704 ng

RT: 19.315 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP024083.D

Acq: 18 Feb 2025 13:54

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT1-2025

Tgt Ion:202 Resp: 58654

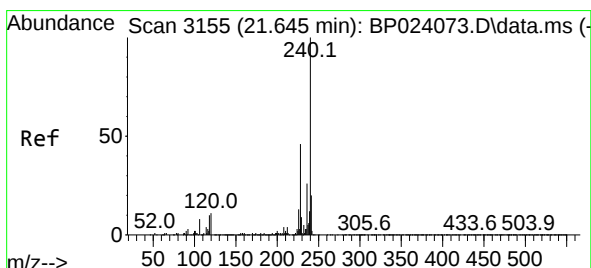
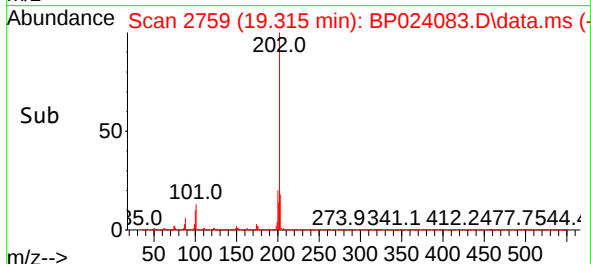
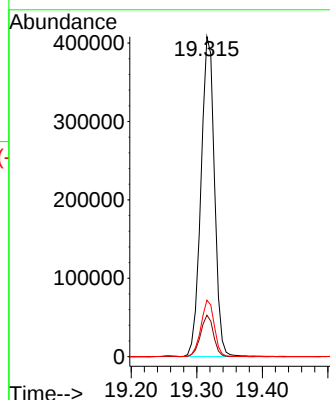
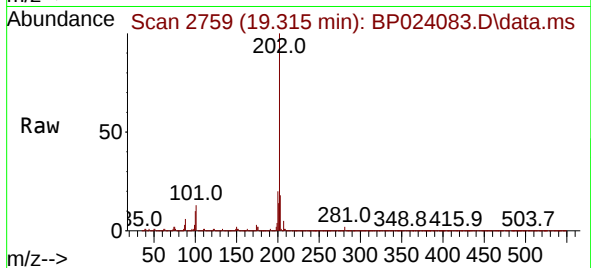
Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	31.9
203	17.6	0.0	37.7

Manual Integrations

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Reviewed By :Rahul Chavli 02/20/2025

Supervised By :Jagrut Upadhyay 02/20/2025



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.639 min Scan# 3154

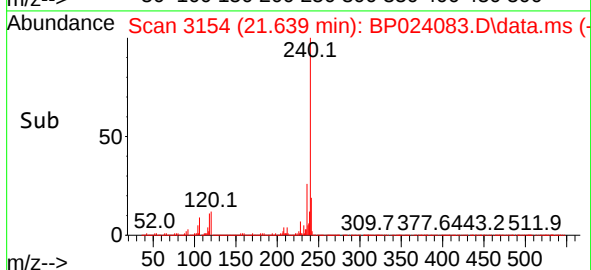
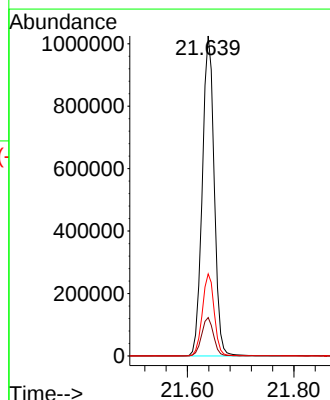
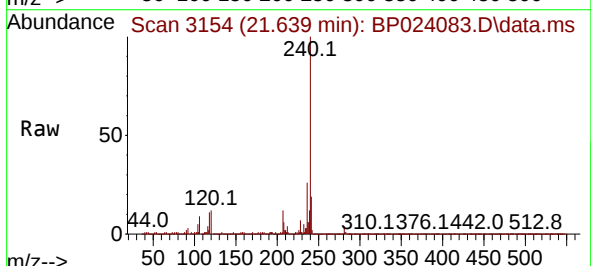
Delta R.T. -0.006 min

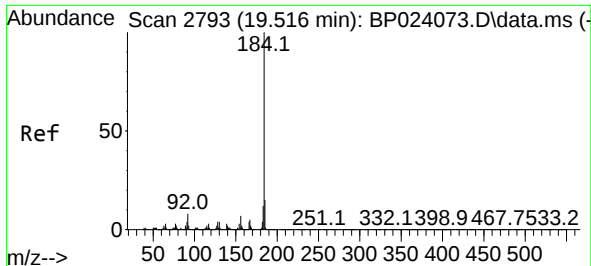
Lab File: BP024083.D

Acq: 18 Feb 2025 13:54

Tgt Ion:240 Resp: 1587747

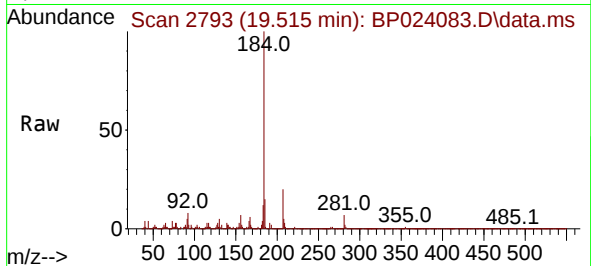
Ion	Ratio	Lower	Upper
240	100		
120	12.0	8.9	13.3
236	25.7	20.7	31.1





#77
Benzidine
Concen: 9.765 ng
RT: 19.515 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP024083.D
Acq: 18 Feb 2025 13:54

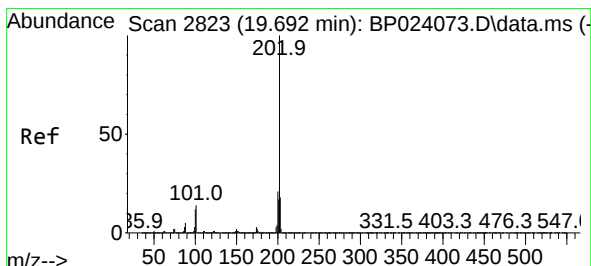
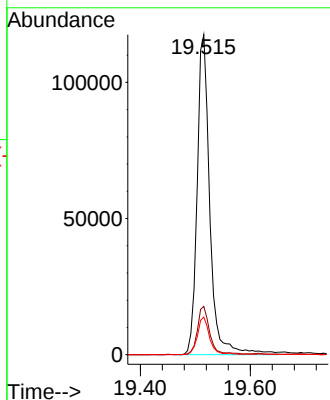
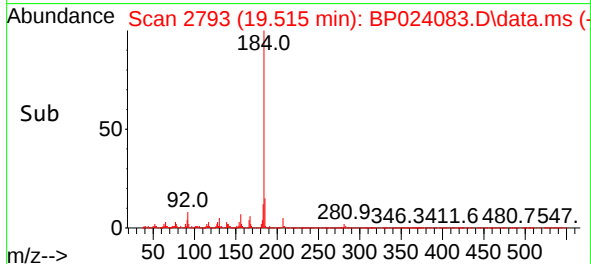
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT1-2025



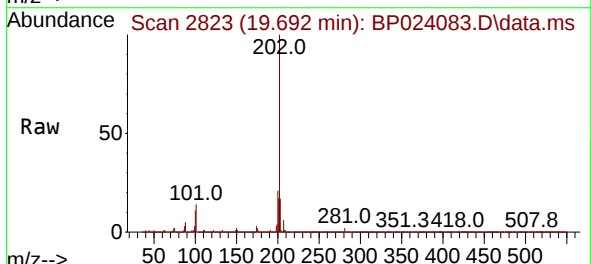
Tgt Ion:184 Resp: 188934
Ion Ratio Lower Upper
184 100
185 15.1 11.8 17.8
183 11.7 9.3 13.9

Manual Integrations
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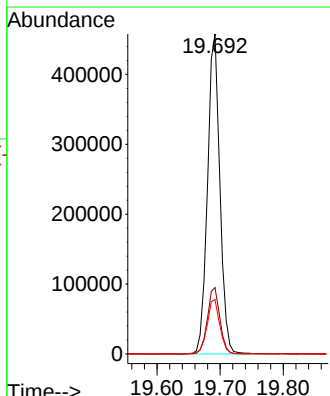
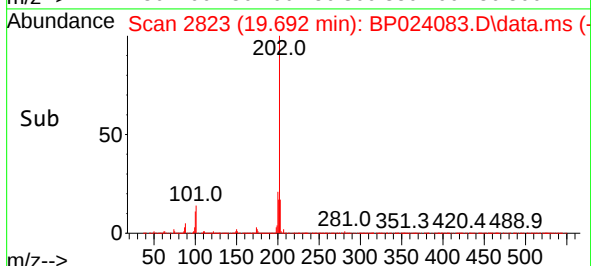
Reviewed By :Rahul Chavli 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025

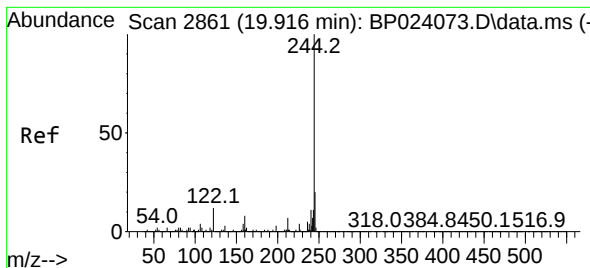


#78
Pyrene
Concen: 6.174 ng
RT: 19.692 min Scan# 2823
Delta R.T. -0.000 min
Lab File: BP024083.D
Acq: 18 Feb 2025 13:54



Tgt Ion:202 Resp: 622621
Ion Ratio Lower Upper
202 100
200 20.7 17.2 25.8
203 17.0 14.4 21.6





#79

Terphenyl-d14

Concen: 91.039 ng

RT: 19.915 min Scan# 2861

Delta R.T. -0.000 min

Lab File: BP024083.D

Acq: 18 Feb 2025 13:54

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT1-2025

Tgt Ion:244 Resp: 7304980

Ion Ratio Lower Upper

244 100

212 7.5 5.9 8.9

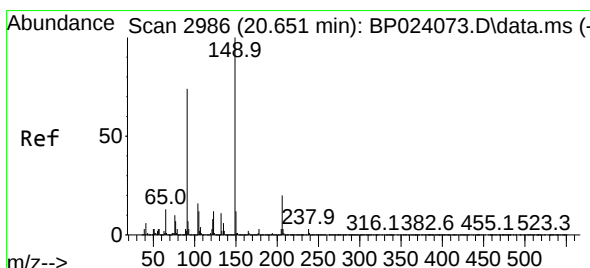
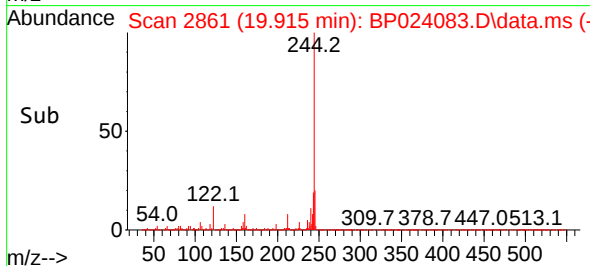
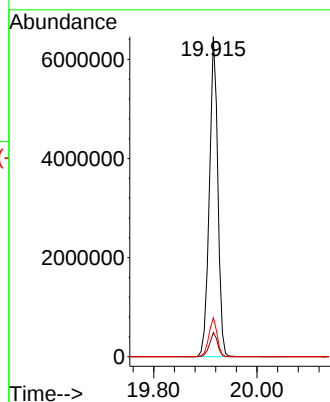
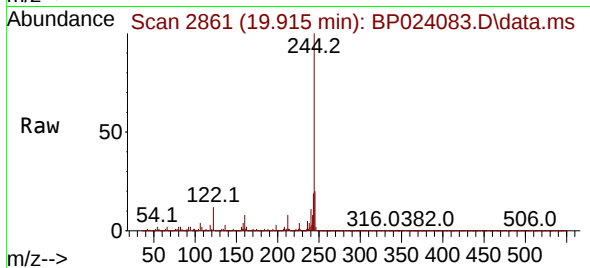
122 12.2 9.4 14.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 02/20/2025

Supervised By :Jagrut Upadhyay 02/20/2025



#80

Butylbenzylphthalate

Concen: 4.995 ng

RT: 20.645 min Scan# 2985

Delta R.T. -0.006 min

Lab File: BP024083.D

Acq: 18 Feb 2025 13:54

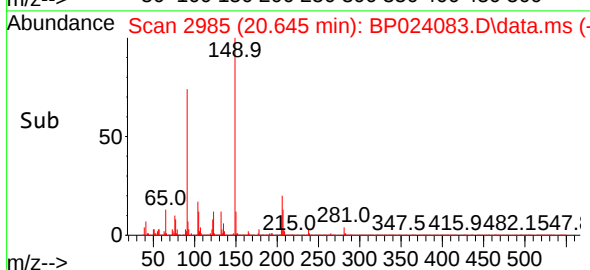
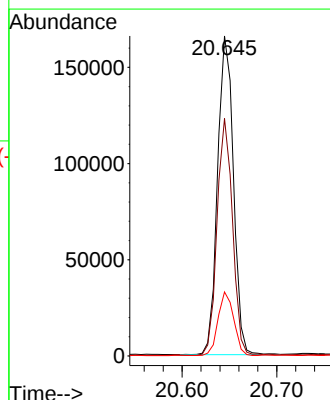
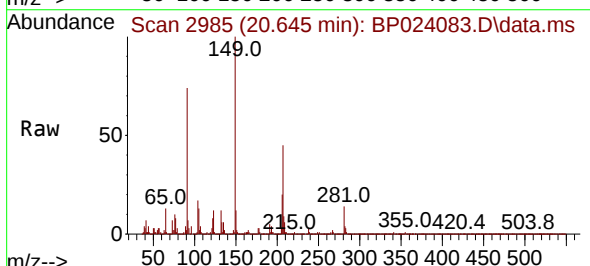
Tgt Ion:149 Resp: 193031

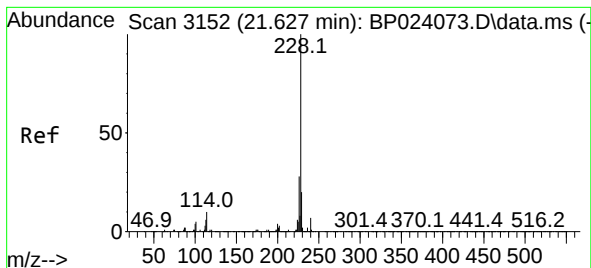
Ion Ratio Lower Upper

149 100

91 74.2 59.4 89.0

206 20.0 16.2 24.2





#81

Benzo(a)anthracene

Concen: 6.004 ng

RT: 21.621 min Scan# 3151

Delta R.T. -0.006 min

Lab File: BP024083.D

Acq: 18 Feb 2025 13:54

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT1-2025

Tgt Ion:228 Resp: 597760

Ion Ratio Lower Upper

228 100

226 27.0 22.2 33.4

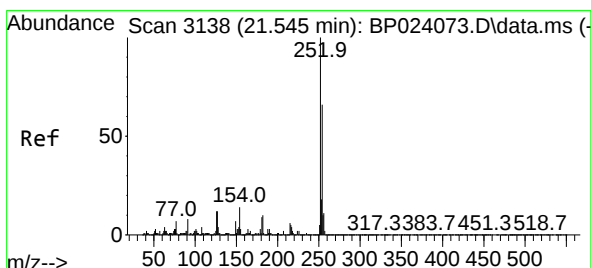
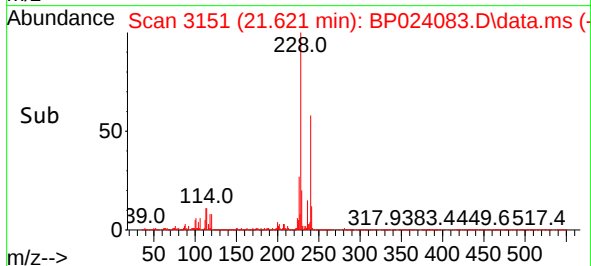
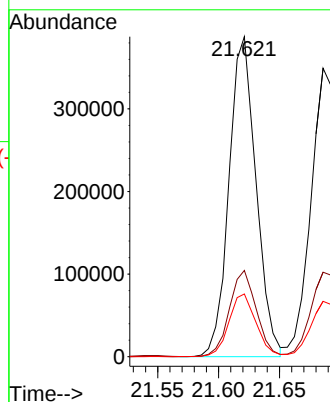
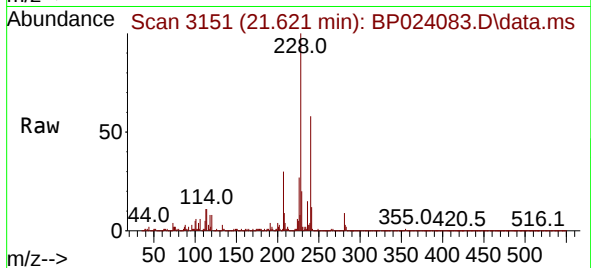
229 19.6 15.8 23.8

Manual Integrations

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Reviewed By :Rahul Chavli 02/20/2025

Supervised By :Jagrut Upadhyay 02/20/2025



#82

3,3'-Dichlorobenzidine

Concen: 5.180 ng

RT: 21.545 min Scan# 3138

Delta R.T. -0.000 min

Lab File: BP024083.D

Acq: 18 Feb 2025 13:54

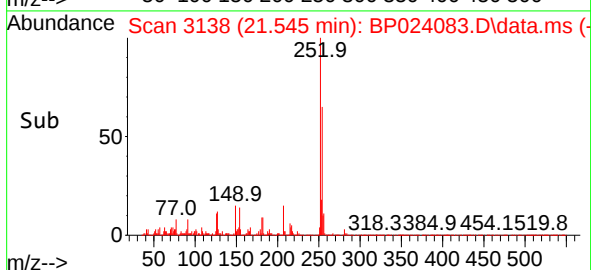
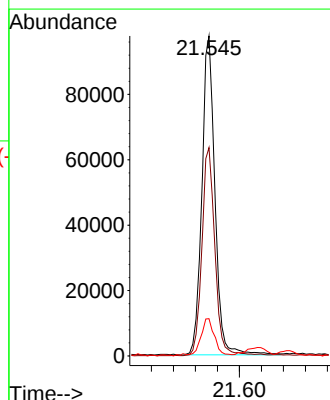
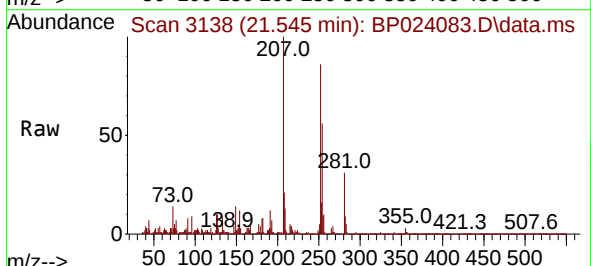
Tgt Ion:252 Resp: 161145

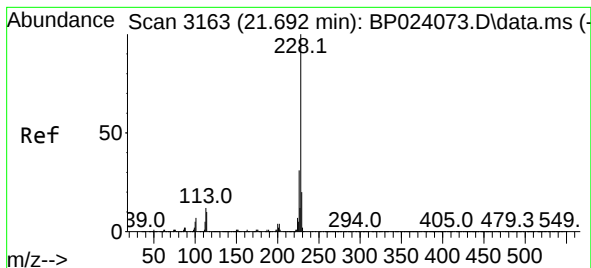
Ion Ratio Lower Upper

252 100

254 65.1 52.4 78.6

126 11.7 9.6 14.4





#83

Chrysene

Concen: 6.064 ng

RT: 21.686 min Scan# 3162

Delta R.T. -0.006 min

Lab File: BP024083.D

Acq: 18 Feb 2025 13:54

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT1-2025

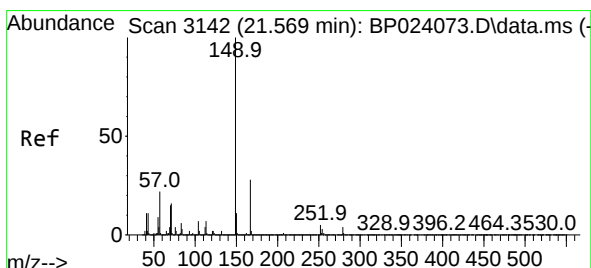
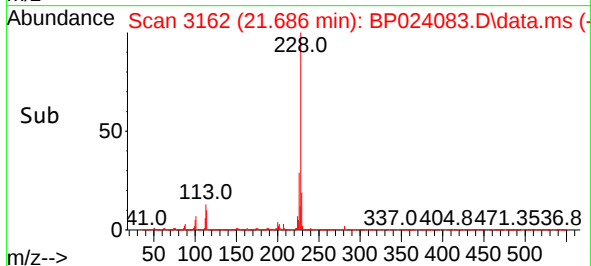
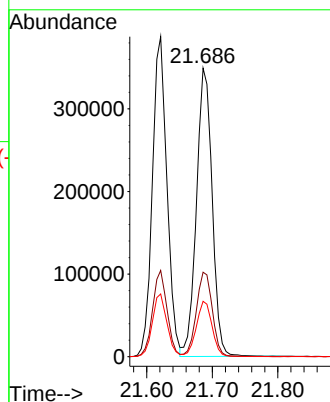
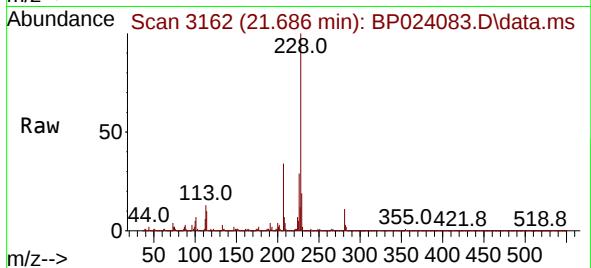
Tgt Ion:	228	Resp:	58221
Ion Ratio	Lower	Upper	
228	100		
226	29.3	24.5	36.7
229	19.2	16.1	24.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 02/20/2025

Supervised By :Jagrut Upadhyay 02/20/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.821 ng

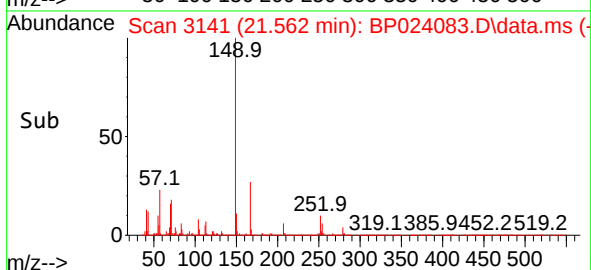
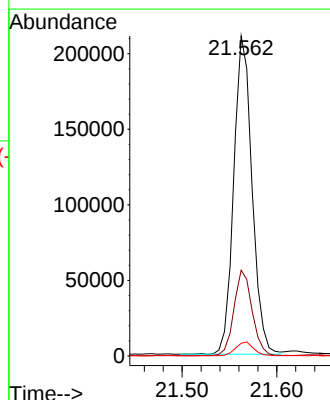
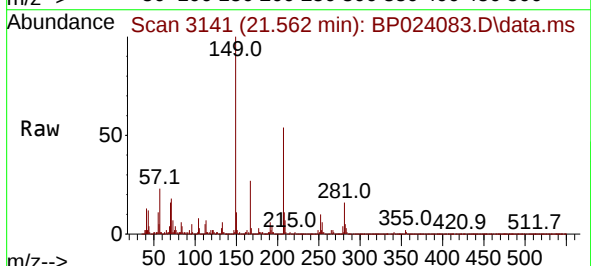
RT: 21.562 min Scan# 3141

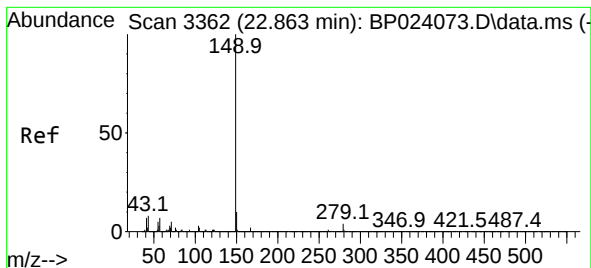
Delta R.T. -0.006 min

Lab File: BP024083.D

Acq: 18 Feb 2025 13:54

Tgt Ion:	149	Resp:	282538
Ion Ratio	Lower	Upper	
149	100		
167	26.8	22.2	33.2
279	3.9	3.6	5.4





#85

Di-n-octyl phthalate

Concen: 3.978 ng

RT: 22.862 min Scan# 31

Delta R.T. -0.001 min

Lab File: BP024083.D

Acq: 18 Feb 2025 13:54

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT1-2025

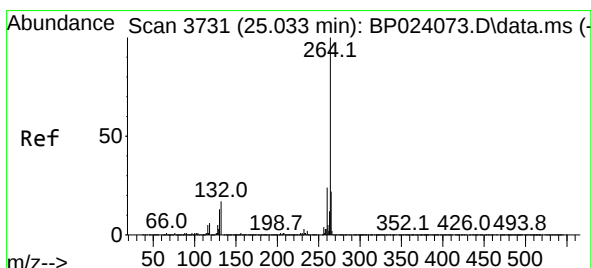
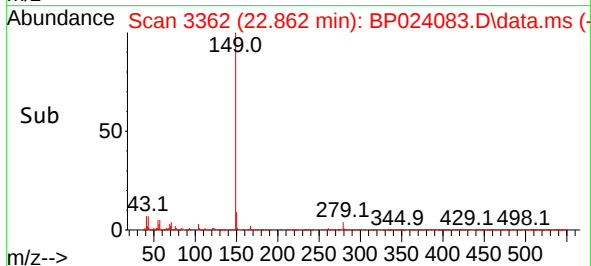
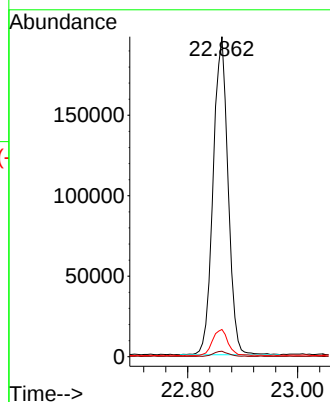
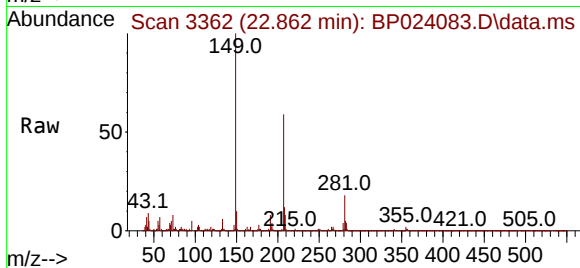
Tgt Ion:	149	Resp:	372629
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.3	1.9
43	8.4	6.4	9.6

Manual Integrations

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Reviewed By :Rahul Chavli 02/20/2025

Supervised By :Jagrut Upadhyay 02/20/2025



#86

Perylene-d12

Concen: 20.000 ng

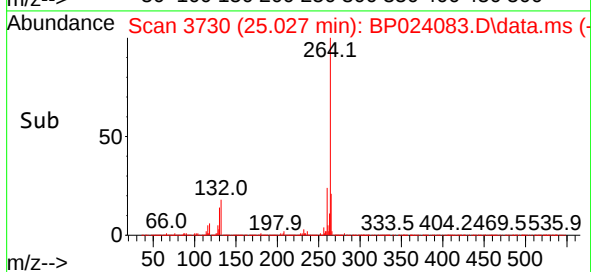
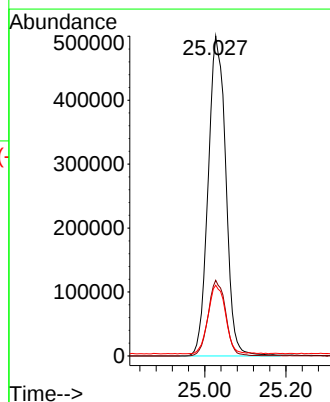
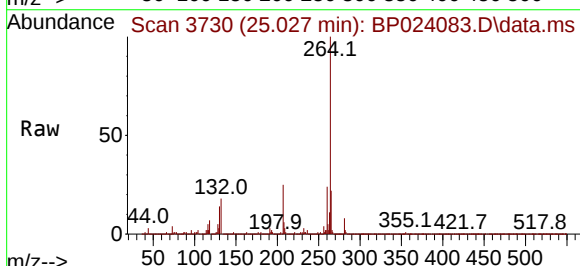
RT: 25.027 min Scan# 3730

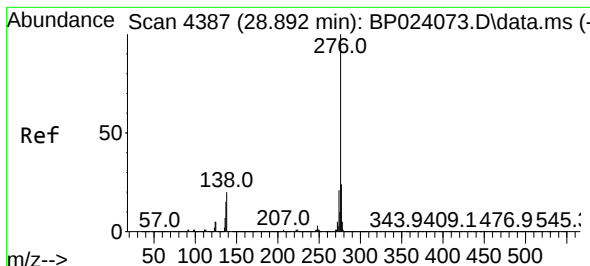
Delta R.T. -0.006 min

Lab File: BP024083.D

Acq: 18 Feb 2025 13:54

Tgt Ion:	264	Resp:	1503254
Ion Ratio	Lower	Upper	
264	100		
260	23.6	19.0	28.6
265	22.1	17.8	26.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 5.761 ng

RT: 28.856 min Scan# 41

Delta R.T. -0.036 min

Lab File: BP024083.D

Acq: 18 Feb 2025 13:54

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT1-2025

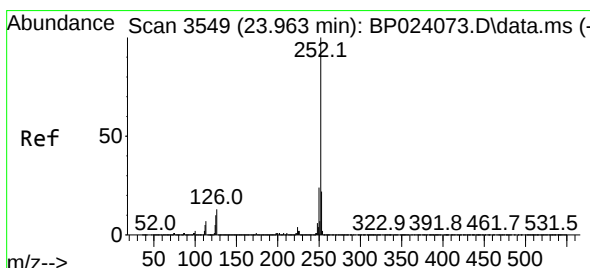
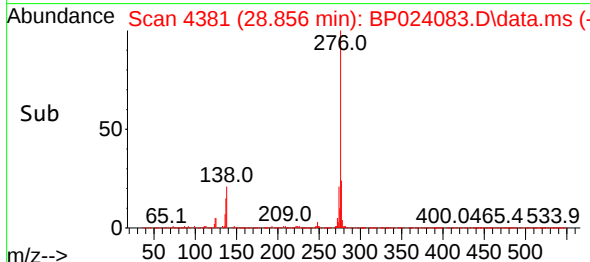
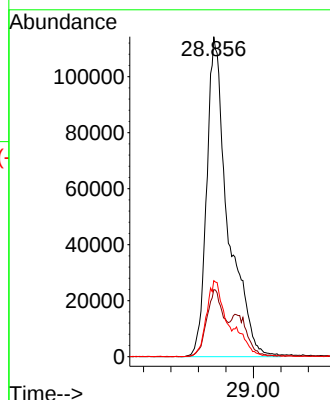
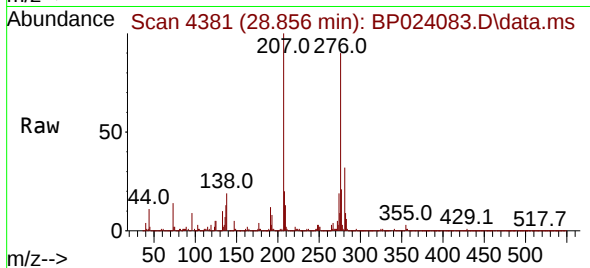
Tgt Ion:	276	Resp:	616110
Ion Ratio	Lower	Upper	
276	100		
138	16.5	14.2	21.4
277	19.7	16.2	24.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 02/20/2025

Supervised By :Jagrut Upadhyay 02/20/2025



#88

Benzo(b)fluoranthene

Concen: 5.602 ng

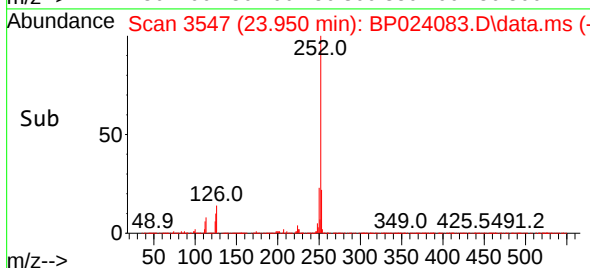
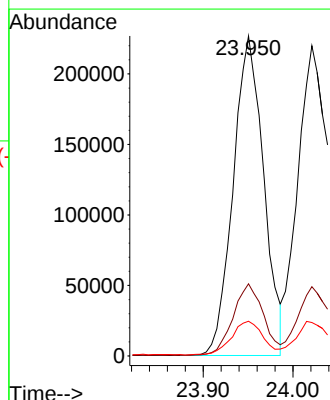
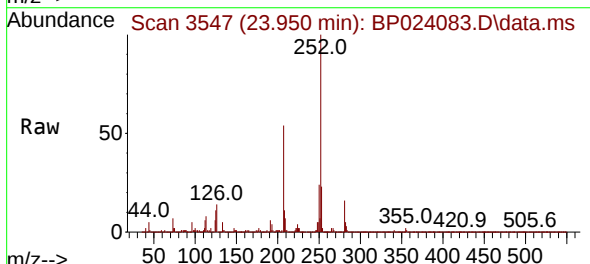
RT: 23.950 min Scan# 3547

Delta R.T. -0.012 min

Lab File: BP024083.D

Acq: 18 Feb 2025 13:54

Tgt Ion:	252	Resp:	534771
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.8	26.6
125	10.9	8.4	12.6





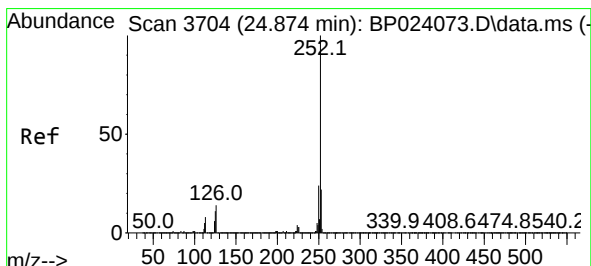
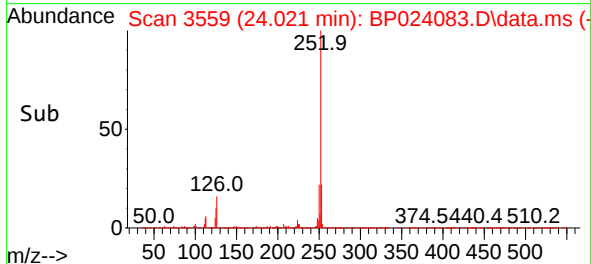
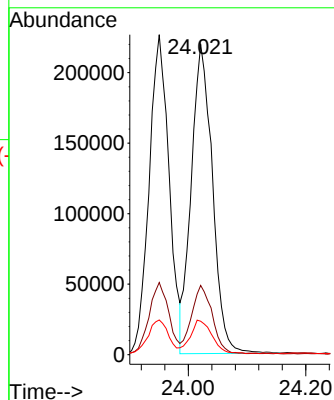
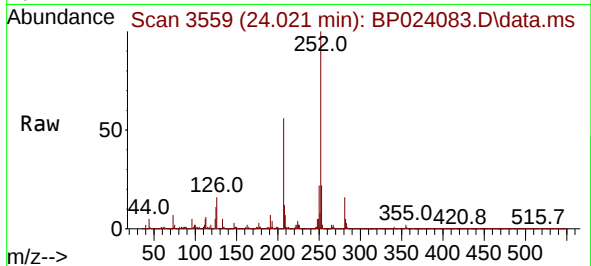
#89
Benzo(k)fluoranthene
Concen: 5.899 ng
RT: 24.021 min Scan# 3559
Delta R.T. -0.012 min
Lab File: BP024083.D
Acq: 18 Feb 2025 13:54

Instrument : BNA_P
ClientSampleId :
LOQ-WATER-02-QT1-2025

Tgt Ion:252 Resp: 548110
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.6
125 10.8 8.1 12.1

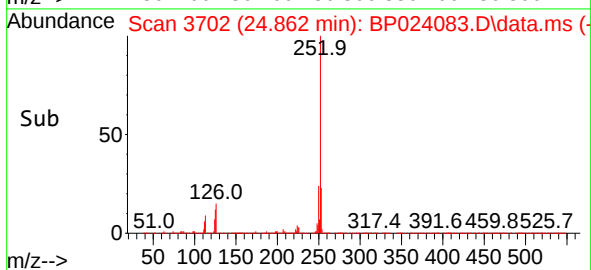
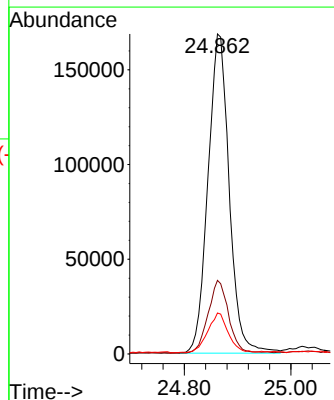
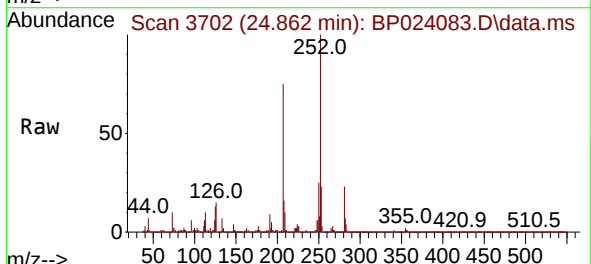
Manual Integrations
APPROVED

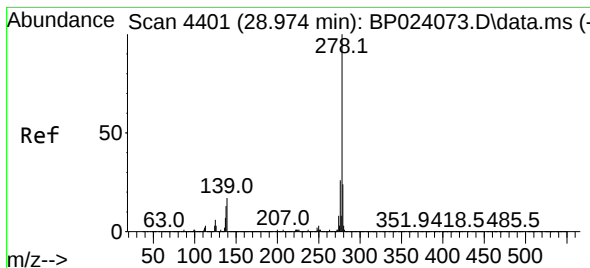
Reviewed By :Rahul Chavli 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#90
Benzo(a)pyrene
Concen: 5.761 ng
RT: 24.862 min Scan# 3702
Delta R.T. -0.012 min
Lab File: BP024083.D
Acq: 18 Feb 2025 13:54

Tgt Ion:252 Resp: 466701
Ion Ratio Lower Upper
252 100
253 23.0 17.6 26.4
125 12.8 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 5.728 ng

RT: 28.938 min Scan# 41

Delta R.T. -0.036 min

Lab File: BP024083.D

Acq: 18 Feb 2025 13:54

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT1-2025

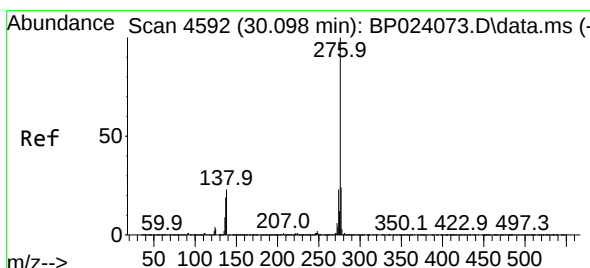
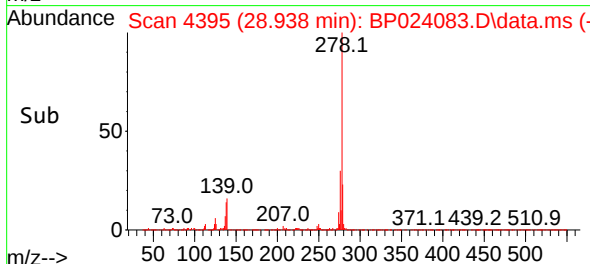
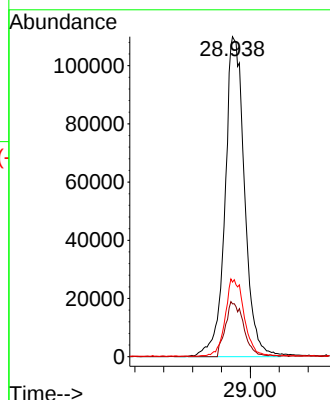
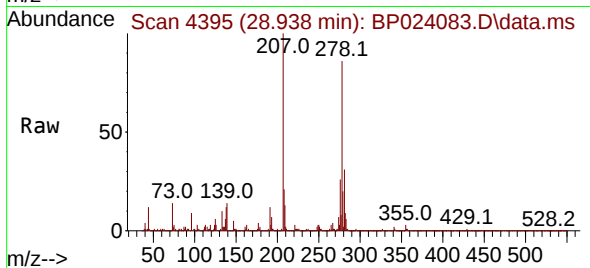
Tgt Ion:	278	Resp:	51509
Ion Ratio	Lower	Upper	
278	100		
139	16.5	13.4	20.0
279	23.3	19.0	28.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 02/20/2025

Supervised By :Jagrut Upadhyay 02/20/2025



#92

Benzo(g,h,i)perylene

Concen: 5.252 ng

RT: 30.044 min Scan# 4583

Delta R.T. -0.053 min

Lab File: BP024083.D

Acq: 18 Feb 2025 13:54

Tgt Ion:	276	Resp:	479267
Ion Ratio	Lower	Upper	
276	100		
277	23.5	18.9	28.3
138	22.1	18.1	27.1

