

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021825\
 Data File : BP024089.D
 Acq On : 18 Feb 2025 18:39
 Operator : RC/JU
 Sample : Q1168-08
 Misc : LOQ-WATER 10PPM
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Feb 19 01:13:12 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	7.757	152	347952	20.000	ng	0.00
21) Naphthalene-d8	10.534	136	1458587	20.000	ng	0.00
39) Acenaphthene-d10	14.386	164	897471	20.000	ng	0.00
64) Phenanthrene-d10	17.192	188	1693780	20.000	ng	0.00
76) Chrysene-d12	21.633	240	1659091	20.000	ng	-0.01
86) Perylene-d12	25.021	264	1598865	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	1384858	62.103	ng	0.00
7) Phenol-d6	6.934	99	1886869	65.835	ng	-0.01
23) Nitrobenzene-d5	8.904	82	1629402	62.322	ng	0.00
42) 2,4,6-Tribromophenol	15.910	330	692561	63.000	ng	0.00
45) 2-Fluorobiphenyl	13.004	172	3874757	60.357	ng	0.00
79) Terphenyl-d14	19.922	244	5257647	62.706	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.311	88	76701	8.768	ng	99
3) Pyridine	3.711	79	181221	7.968	ng	98
4) n-Nitrosodimethylamine	3.616	42	68779	8.526	ng	# 96
6) Aniline	7.093	93	285790	10.888	ng	99
8) 2-Chlorophenol	7.328	128	209511	8.877	ng	97
9) Benzaldehyde	6.905	77	179016m	13.681	ng	
10) Phenol	6.963	94	257667	8.940	ng	98
11) bis(2-Chloroethyl)ether	7.181	93	211641	9.323	ng	99
12) 1,3-Dichlorobenzene	7.652	146	235518	9.083	ng	100
13) 1,4-Dichlorobenzene	7.793	146	237437	9.055	ng	99
14) 1,2-Dichlorobenzene	8.104	146	228767	9.090	ng	99
15) Benzyl Alcohol	7.999	79	158871	9.056	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.275	45	223658	10.150	ng	98
17) 2-Methylphenol	8.199	107	155402	8.848	ng	98
18) Hexachloroethane	8.828	117	85245	9.027	ng	95
19) n-Nitroso-di-n-propyla...	8.552	70	150342	9.756	ng	97
20) 3+4-Methylphenols	8.522	107	213622	8.941	ng	98
22) Acetophenone	8.569	105	337399	9.002	ng	99
24) Nitrobenzene	8.946	77	234232	9.103	ng	100
25) Isophorone	9.475	82	390722	9.139	ng	99
26) 2-Nitrophenol	9.651	139	84878	7.160	ng	97
27) 2,4-Dimethylphenol	9.716	122	147836	9.501	ng	98
28) bis(2-Chloroethoxy)met...	9.946	93	278599	8.995	ng	99
29) 2,4-Dichlorophenol	10.187	162	164468	7.745	ng	98
30) 1,2,4-Trichlorobenzene	10.398	180	204807	8.418	ng	98
31) Naphthalene	10.587	128	684050	8.722	ng	99
32) Benzoic acid	9.799	122	73876	11.307	ng	98
33) 4-Chloroaniline	10.693	127	252517	9.139	ng	99
34) Hexachlorobutadiene	10.875	225	119653	8.491	ng	99
35) Caprolactam	11.469	113	46538	11.325	ng	96
36) 4-Chloro-3-methylphenol	11.828	107	174448	7.991	ng	99
37) 2-Methylnaphthalene	12.192	142	464972	8.920	ng	99
38) 1-Methylnaphthalene	12.416	142	437870	8.635	ng	100
40) 1,2,4,5-Tetrachloroben...	12.569	216	231871	8.409	ng	100
41) Hexachlorocyclopentadiene	12.551	237	107890	10.515	ng	98
43) 2,4,6-Trichlorophenol	12.810	196	126444	7.519	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.887	196	136591	7.427	ng	97
46) 1,1'-Biphenyl	13.216	154	615889	8.831	ng	99
47) 2-Chloronaphthalene	13.257	162	455290	8.636	ng	100
48) 2-Nitroaniline	13.457	65	98785	7.932	ng	97
49) Acenaphthylene	14.110	152	690660	8.892	ng	99
50) Dimethylphthalate	13.845	163	546268	8.629	ng	99
51) 2,6-Dinitrotoluene	13.957	165	104783	8.125	ng	97
52) Acenaphthene	14.451	154	436716	8.731	ng	99
53) 3-Nitroaniline	14.292	138	111348	8.092	ng	# 96
54) 2,4-Dinitrophenol	14.504	184	36151	11.618	ng	97
55) Dibenzofuran	14.792	168	695233	8.556	ng	99
56) 4-Nitrophenol	14.616	139	79864	6.719	ng	95
57) 2,4-Dinitrotoluene	14.751	165	133029	7.941	ng	96
58) Fluorene	15.457	166	542736	8.553	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.028	232	123943	7.767	ng	99
60) Diethylphthalate	15.228	149	529864	8.432	ng	100
61) 4-Chlorophenyl-phenyle...	15.451	204	265519	8.501	ng	97
62) 4-Nitroaniline	15.475	138	109871	9.570	ng	97
63) Azobenzene	15.751	77	501221	8.511	ng	97
65) 4,6-Dinitro-2-methylph...	15.539	198	57941	10.668	ng	98
66) n-Nitrosodiphenylamine	15.663	169	459210	8.694	ng	99
67) 4-Bromophenyl-phenylether	16.369	248	158611	8.339	ng	99
68) Hexachlorobenzene	16.492	284	193441	8.643	ng	98
69) Atrazine	16.645	200	138015	10.182	ng	99
70) Pentachlorophenol	16.839	266	86466	5.948	ng	99
71) Phenanthrene	17.233	178	852464	8.927	ng	99
72) Anthracene	17.333	178	794059	8.677	ng	99
73) Carbazole	17.610	167	737159	8.455	ng	99
74) Di-n-butylphthalate	18.210	149	804350	7.906	ng	99
75) Fluoranthene	19.316	202	892364	8.262	ng	99
77) Benzidine	19.516	184	340757	16.855	ng	99
78) Pyrene	19.698	202	952582	9.039	ng	99
80) Butylbenzylphthalate	20.651	149	301822	7.474	ng	98
81) Benzo(a)anthracene	21.610	228	906519	8.714	ng	99
82) 3,3'-Dichlorobenzidine	21.551	252	260908	8.026	ng	99
83) Chrysene	21.680	228	871519	8.688	ng	100
84) Bis(2-ethylhexyl)phtha...	21.563	149	450725	7.360	ng	100
85) Di-n-octyl phthalate	22.851	149	598484	6.114	ng	100
87) Indeno(1,2,3-cd)pyrene	28.833	276	913141m	8.028	ng	
88) Benzo(b)fluoranthene	23.933	252	819831	8.075	ng	99
89) Benzo(k)fluoranthene	24.010	252	826419	8.362	ng	99
90) Benzo(a)pyrene	24.851	252	716984	8.321	ng	97
91) Dibenzo(a,h)anthracene	28.927	278	758732	7.933	ng	99
92) Benzo(g,h,i)perylene	30.015	276	708420	7.300	ng	100

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

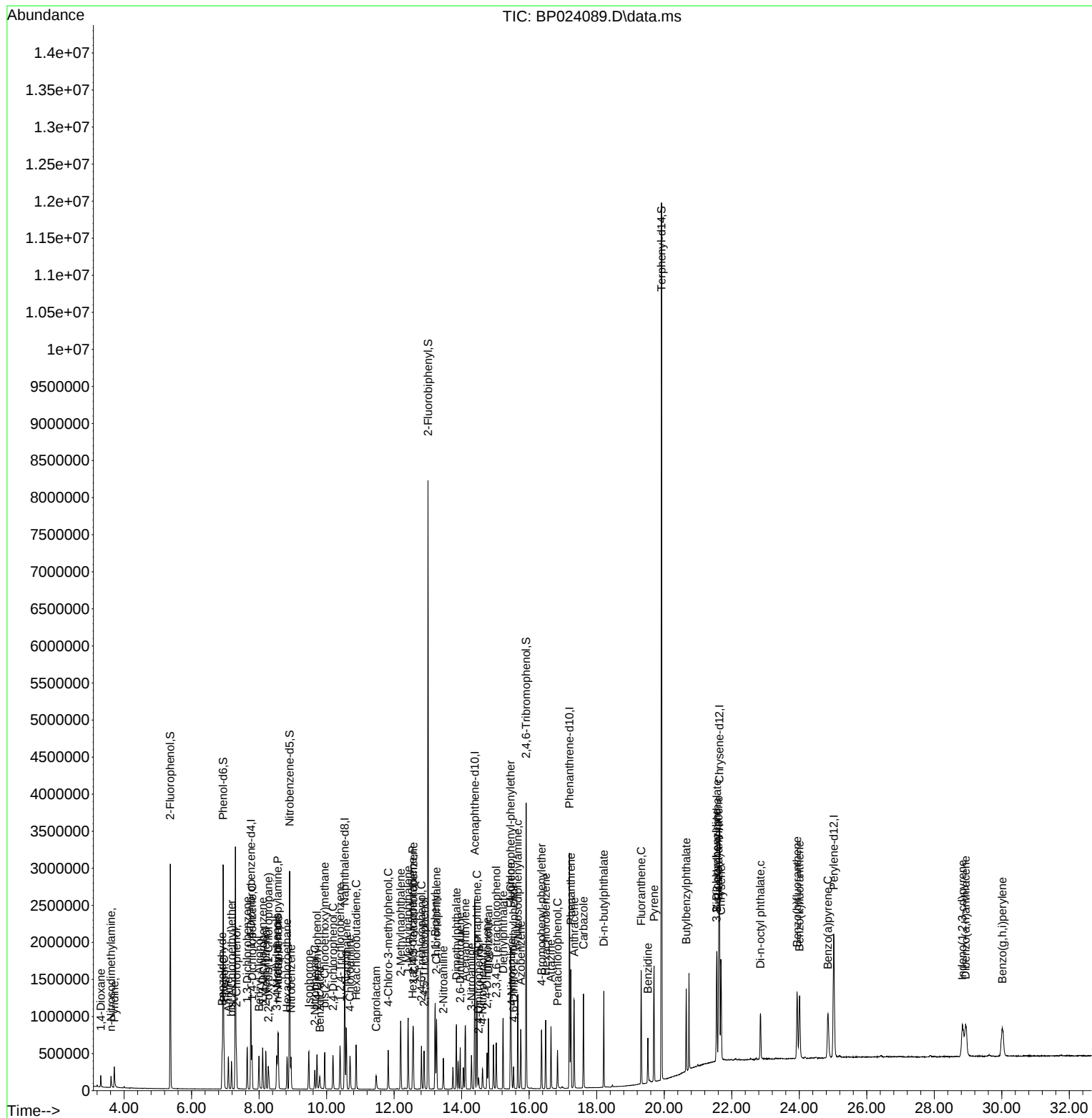
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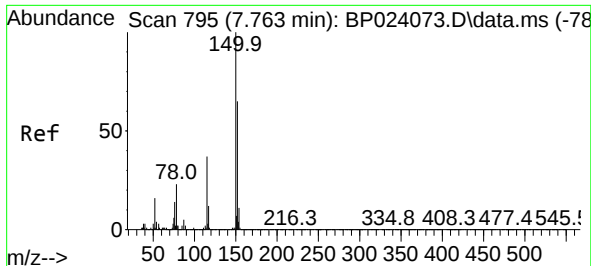
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 ClientSampleId :
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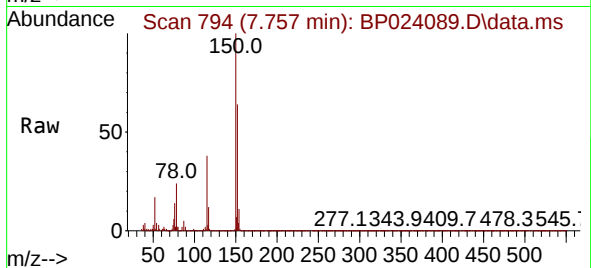
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.757 min Scan# 795
Delta R.T. -0.006 min
Lab File: BP024089.D
Acq: 18 Feb 2025 18:39

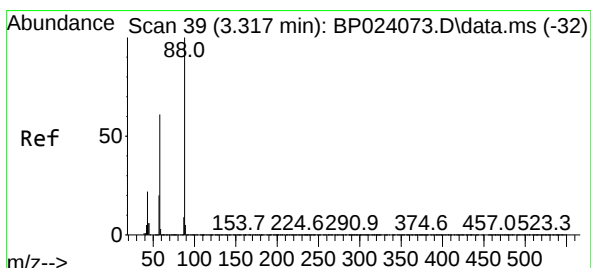
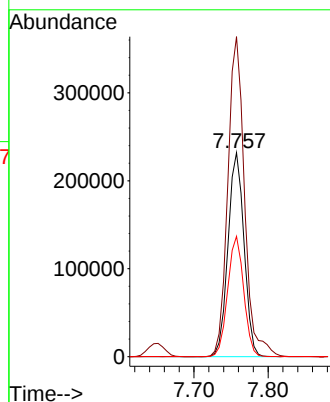
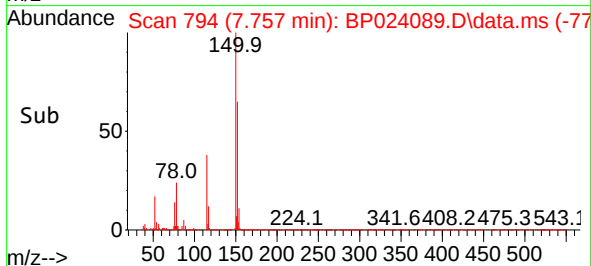
Instrument : BNA_P
ClientSampleId :
LOQ-WATER-02-QT1-2025



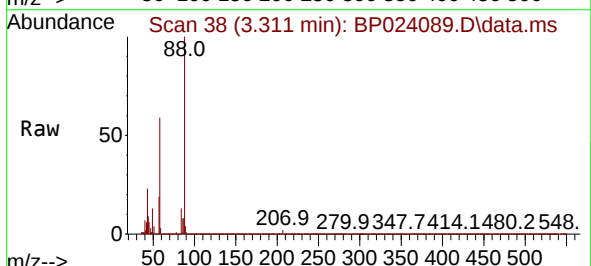
Tgt Ion:152 Resp: 347952
Ion Ratio Lower Upper
152 100
150 156.9 122.4 183.6
115 59.0 45.0 67.6

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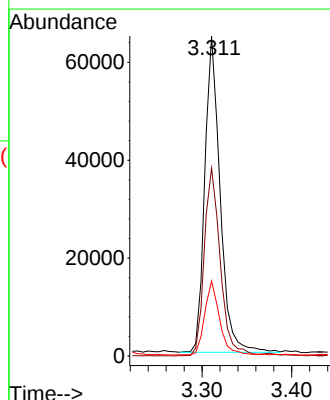
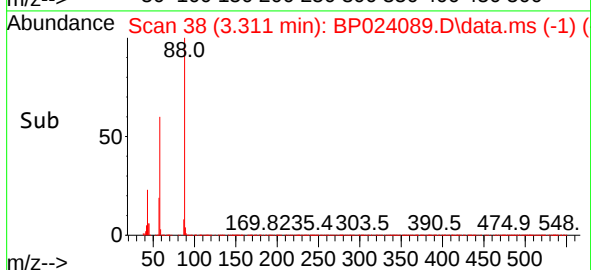
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#2
1,4-Dioxane
Concen: 8.768 ng
RT: 3.311 min Scan# 38
Delta R.T. -0.006 min
Lab File: BP024089.D
Acq: 18 Feb 2025 18:39



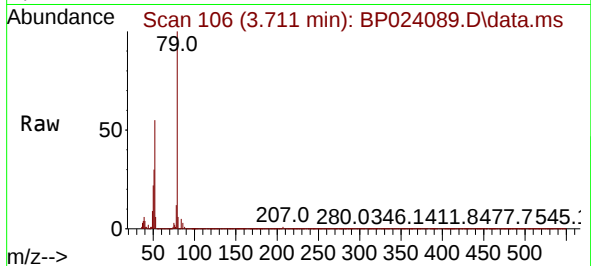
Tgt Ion: 88 Resp: 76701
Ion Ratio Lower Upper
88 100
58 62.0 49.1 73.7
43 22.8 18.0 27.0





#3
Pyridine
Concen: 7.968 ng
RT: 3.711 min Scan# 106
Delta R.T. -0.000 min
Lab File: BP024089.D
Acq: 18 Feb 2025 18:39

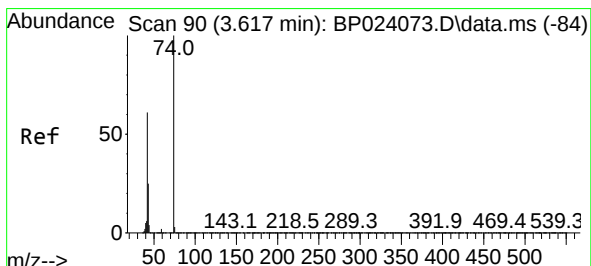
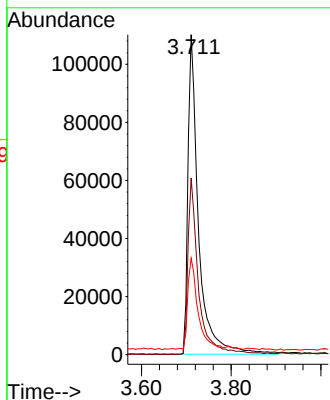
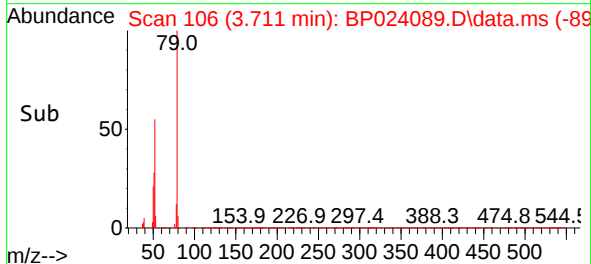
Instrument : BNA_P
ClientSampleId :
LOQ-WATER-02-QT1-2025



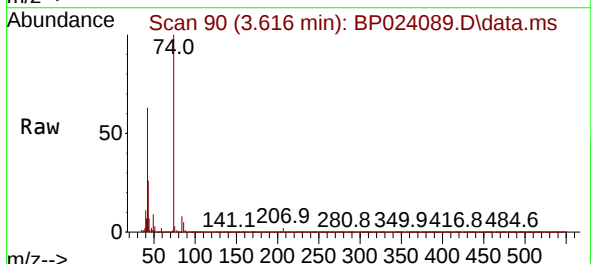
Tgt Ion: 79 Resp: 18122
Ion Ratio Lower Upper
79 100
52 55.2 43.5 65.3
51 30.1 22.2 33.4

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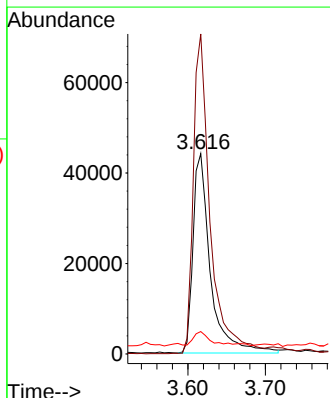
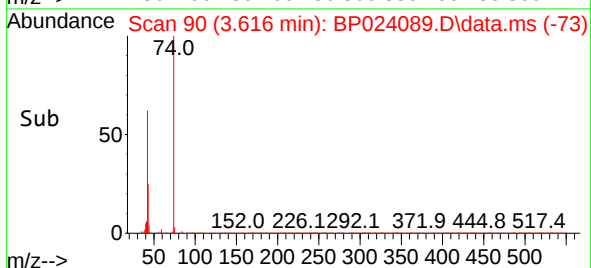
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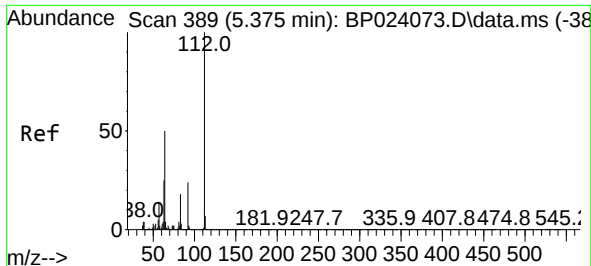


#4
n-Nitrosodimethylamine
Concen: 8.526 ng
RT: 3.616 min Scan# 90
Delta R.T. -0.000 min
Lab File: BP024089.D
Acq: 18 Feb 2025 18:39



Tgt Ion: 42 Resp: 68779
Ion Ratio Lower Upper
42 100
74 159.8 132.0 198.0
44 11.2 5.3 7.9





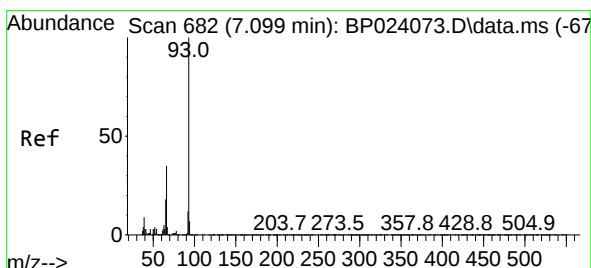
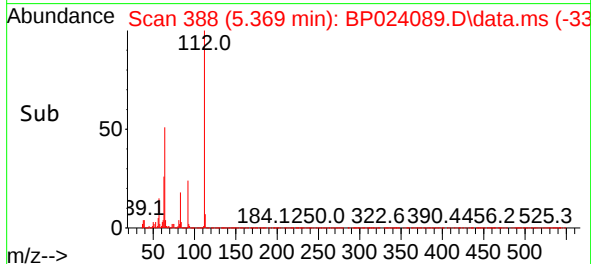
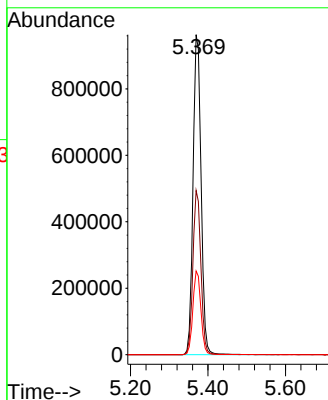
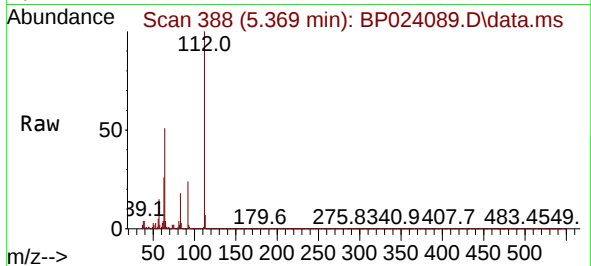
#5
2-Fluorophenol
Concen: 62.103 ng
RT: 5.369 min Scan# 389
Delta R.T. -0.006 min
Lab File: BP024089.D
Acq: 18 Feb 2025 18:39

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

Tgt Ion:112 Resp: 138485
Ion Ratio Lower Upper
112 100
64 51.3 39.6 59.4
63 26.1 20.3 30.5

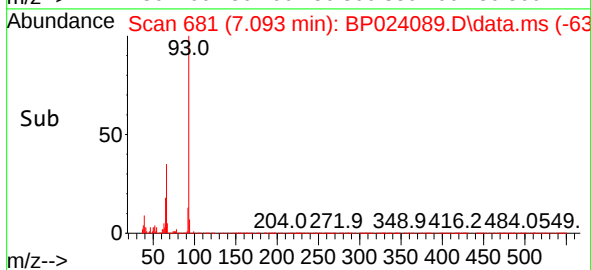
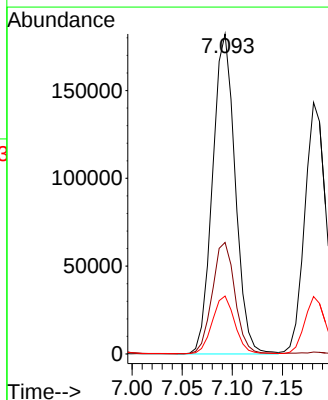
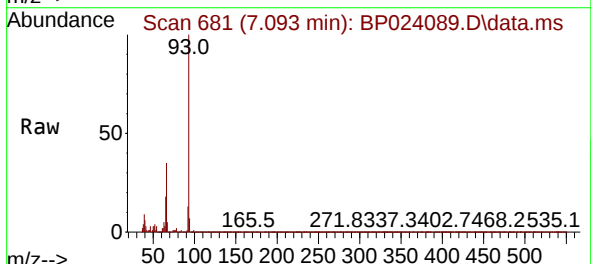
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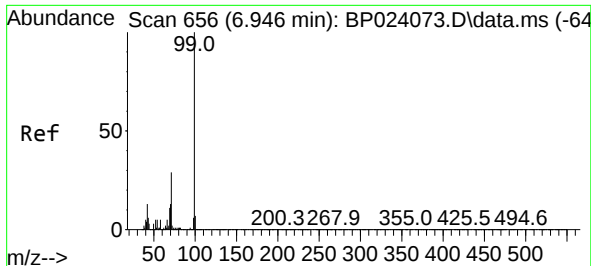
Reviewed By :Rahul Chavli 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#6
Aniline
Concen: 10.888 ng
RT: 7.093 min Scan# 681
Delta R.T. -0.006 min
Lab File: BP024089.D
Acq: 18 Feb 2025 18:39

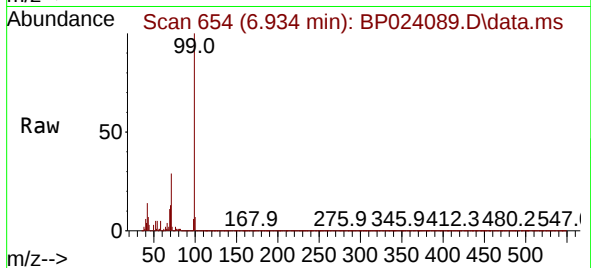
Tgt Ion: 93 Resp: 285790
Ion Ratio Lower Upper
93 100
66 34.9 28.2 42.4
65 18.1 14.1 21.1





#7
Phenol-d6
Concen: 65.835 ng
RT: 6.934 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP024089.D
Acq: 18 Feb 2025 18:39

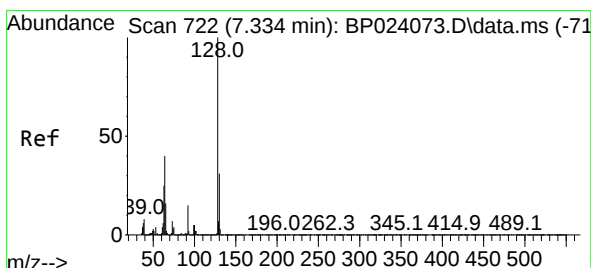
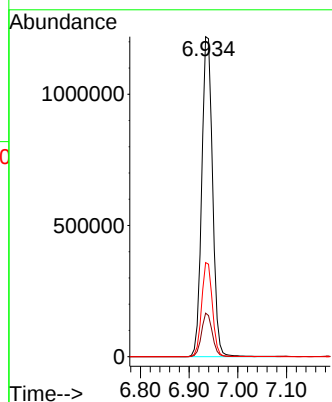
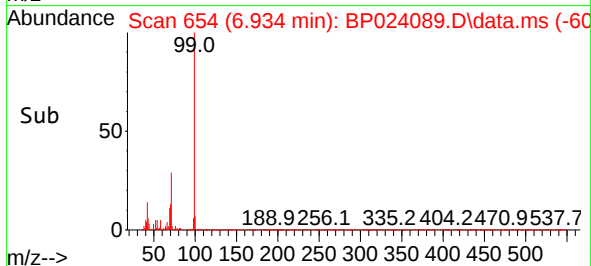
Instrument :
BNA_P
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Tgt Ion: 99 Resp: 188686
Ion Ratio Lower Upper
99 100
42 13.6 10.3 15.5
71 29.4 22.9 34.3

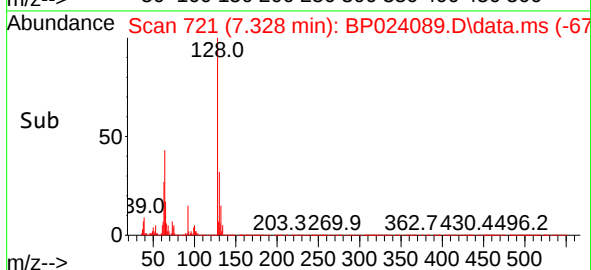
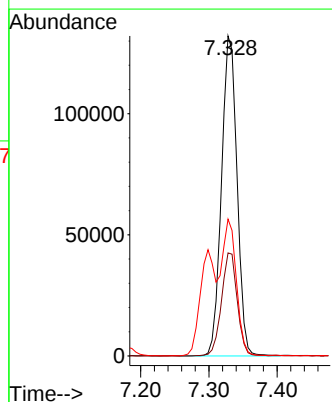
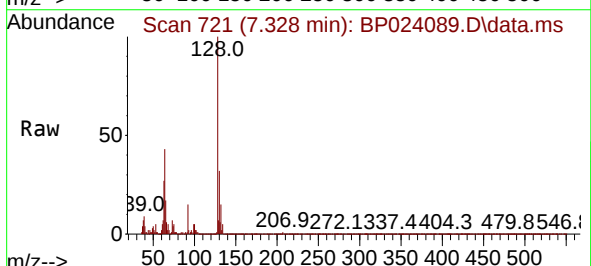
Manual Integrations
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#8
2-Chlorophenol
Concen: 8.877 ng
RT: 7.328 min Scan# 721
Delta R.T. -0.006 min
Lab File: BP024089.D
Acq: 18 Feb 2025 18:39

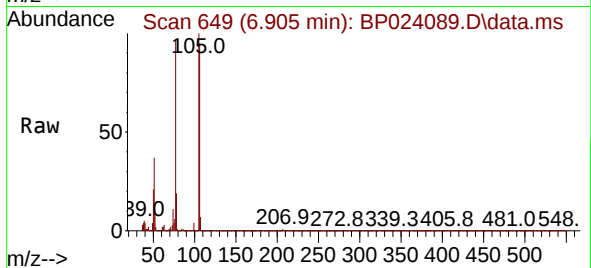
Tgt Ion:128 Resp: 209511
Ion Ratio Lower Upper
128 100
130 32.2 11.5 51.5
64 42.8 19.8 59.8





#9
Benzaldehyde
Concen: 13.681 ng m
RT: 6.905 min Scan# 649
Delta R.T. -0.006 min
Lab File: BP024089.D
Acq: 18 Feb 2025 18:39

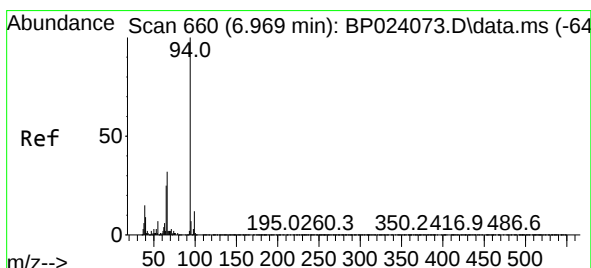
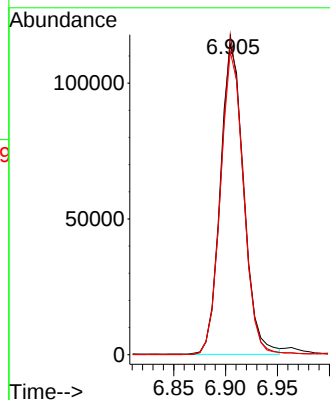
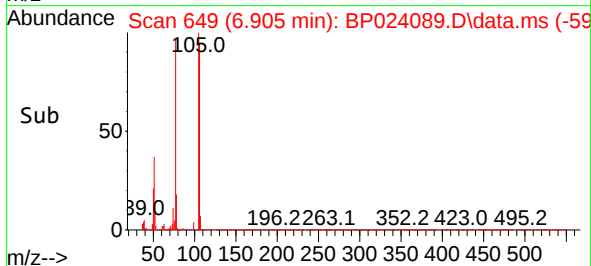
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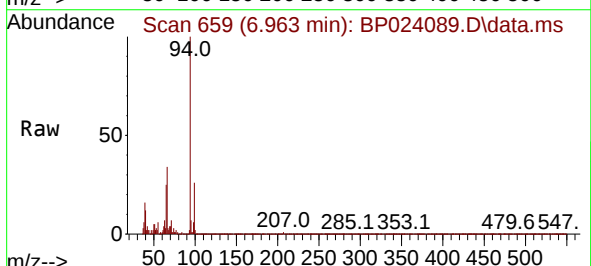
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Ion Ratio Lower Upper
77 100
105 103.0 81.4 121.4
106 97.6 79.0 119.0

Manual Integrations
APPROVED

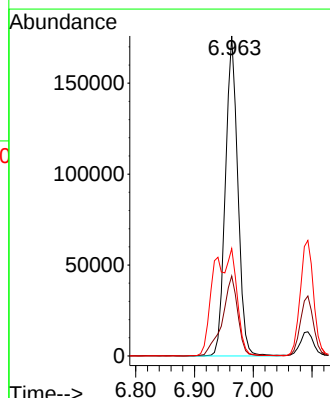
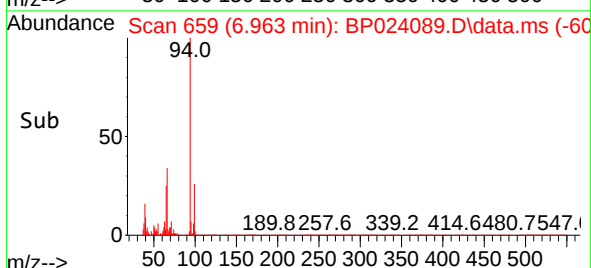
Reviewed By :Rahul Chavli 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025

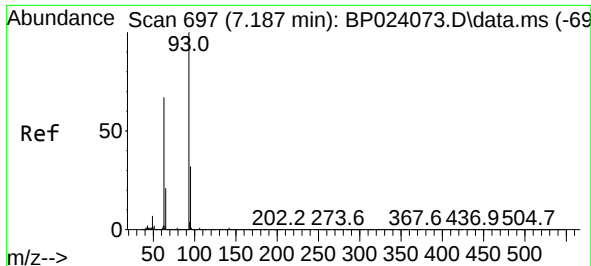


#10
Phenol
Concen: 8.940 ng
RT: 6.963 min Scan# 659
Delta R.T. -0.006 min
Lab File: BP024089.D
Acq: 18 Feb 2025 18:39



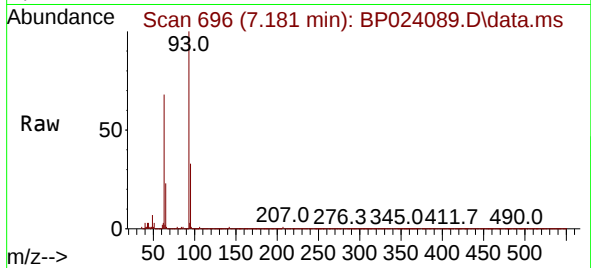
Tgt Ion: 94 Resp: 257667
Ion Ratio Lower Upper
94 100
65 25.0 5.0 45.0
66 33.5 11.6 51.6





#11
bis(2-Chloroethyl)ether
Concen: 9.323 ng
RT: 7.181 min Scan# 697
Delta R.T. -0.006 min
Lab File: BP024089.D
Acq: 18 Feb 2025 18:39

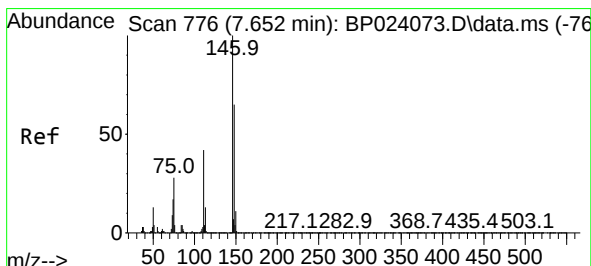
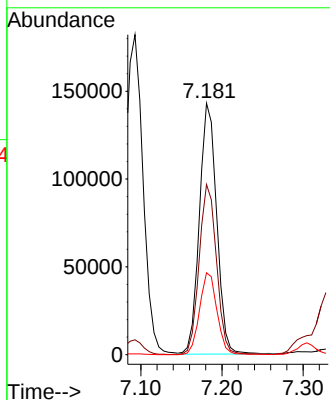
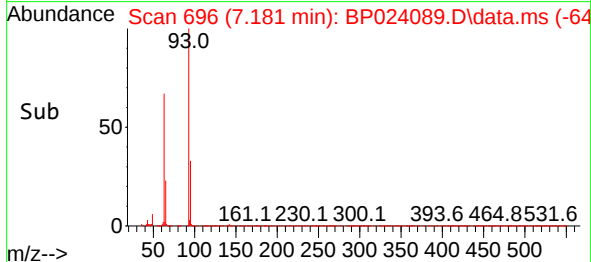
Instrument : BNA_P
Client SampleId : LOQ-WATER-02-QT1-2025



Tgt Ion: 93 Resp: 21164
Ion Ratio Lower Upper
93 100
63 67.7 46.5 86.5
95 32.6 12.3 52.3

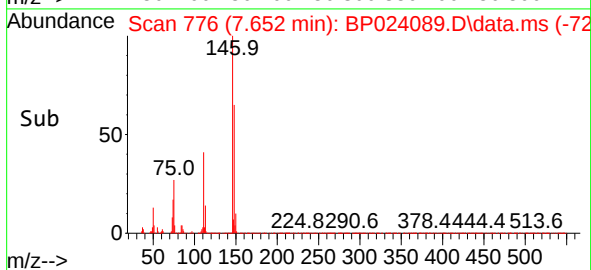
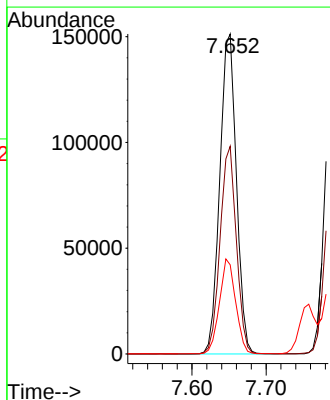
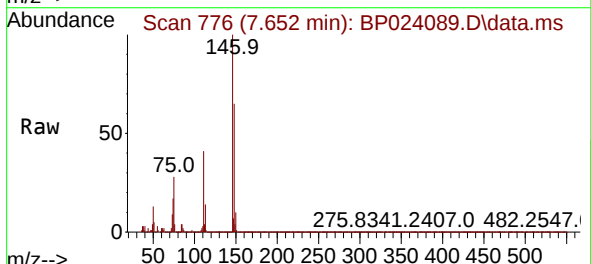
Manual Integrations
APPROVED

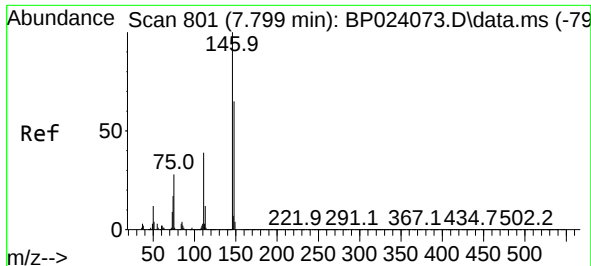
Reviewed By :Rahul Chavli 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#12
1,3-Dichlorobenzene
Concen: 9.083 ng
RT: 7.652 min Scan# 776
Delta R.T. -0.000 min
Lab File: BP024089.D
Acq: 18 Feb 2025 18:39

Tgt Ion:146 Resp: 235518
Ion Ratio Lower Upper
146 100
148 64.9 51.8 77.8
75 27.9 22.6 33.8





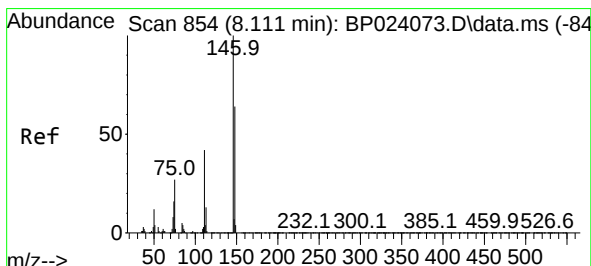
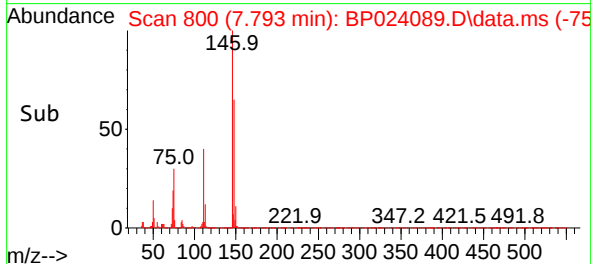
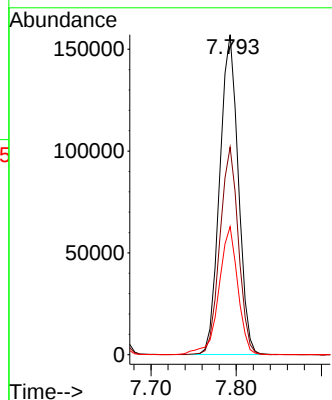
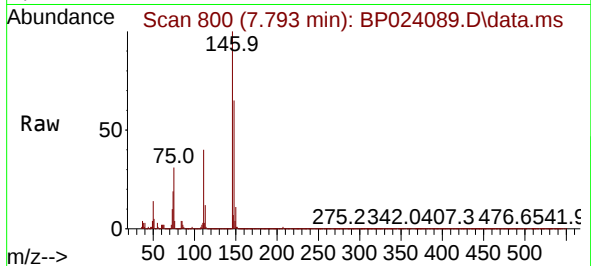
#13
1,4-Dichlorobenzene
Concen: 9.055 ng
RT: 7.793 min Scan# 801
Delta R.T. -0.006 min
Lab File: BP024089.D
Acq: 18 Feb 2025 18:39

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

Tgt Ion:146 Resp: 23743
Ion Ratio Lower Upper
146 100
148 64.9 51.6 77.4
111 40.0 31.2 46.8

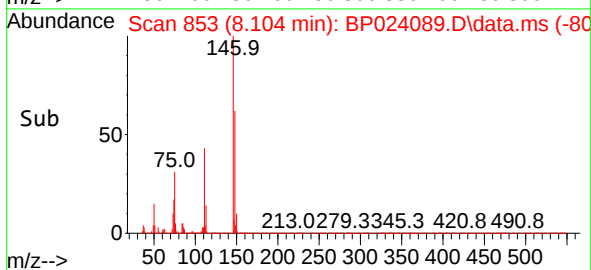
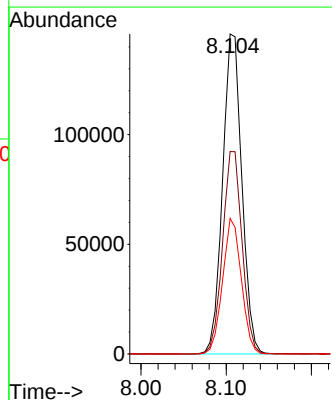
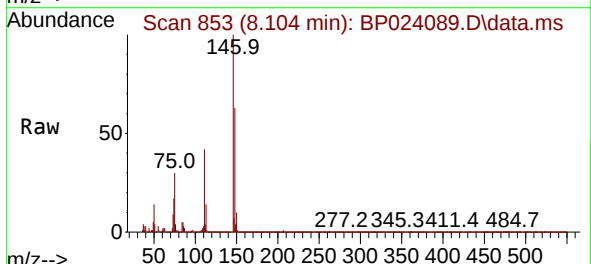
Manual Integrations
APPROVED

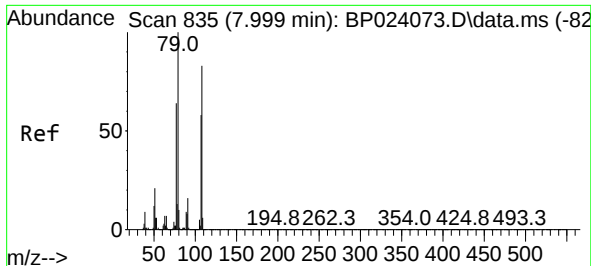
Reviewed By :Rahul Chavli 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#14
1,2-Dichlorobenzene
Concen: 9.090 ng
RT: 8.104 min Scan# 853
Delta R.T. -0.006 min
Lab File: BP024089.D
Acq: 18 Feb 2025 18:39

Tgt Ion:146 Resp: 228767
Ion Ratio Lower Upper
146 100
148 63.3 51.2 76.8
111 42.3 33.4 50.0





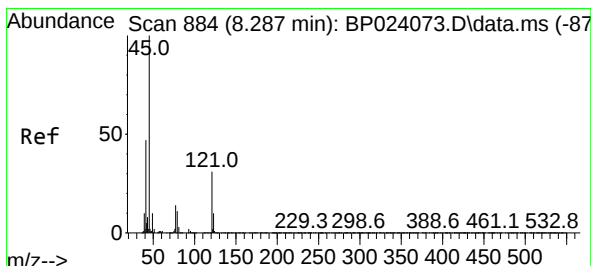
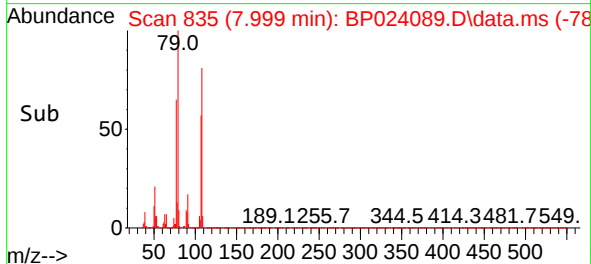
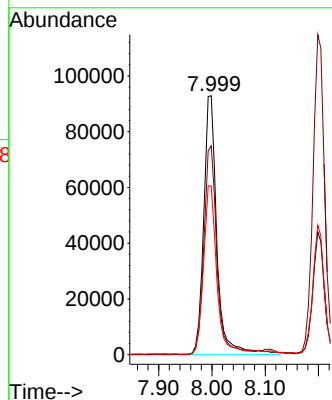
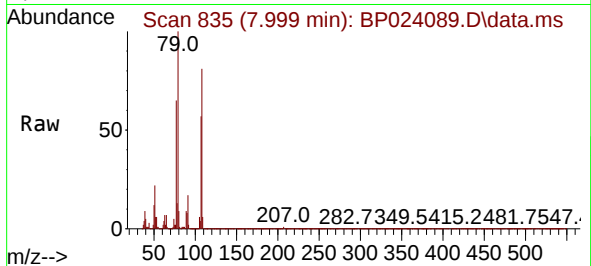
#15
Benzyl Alcohol
Concen: 9.056 ng
RT: 7.999 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP024089.D
Acq: 18 Feb 2025 18:39

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

Tgt Ion: 79 Resp: 15887
Ion Ratio Lower Upper
79 100
108 80.7 66.4 99.6
77 65.2 51.3 76.9

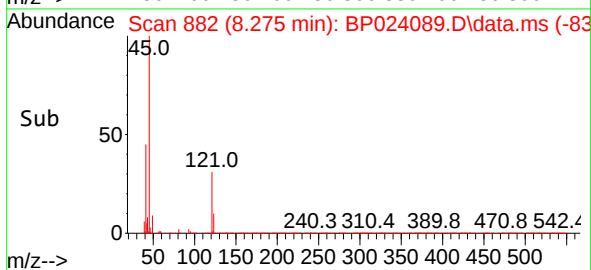
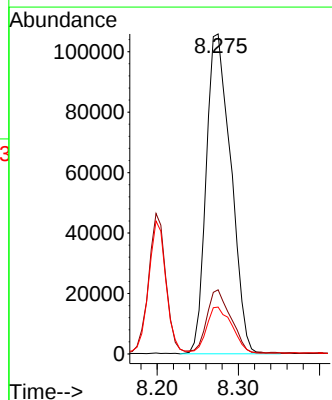
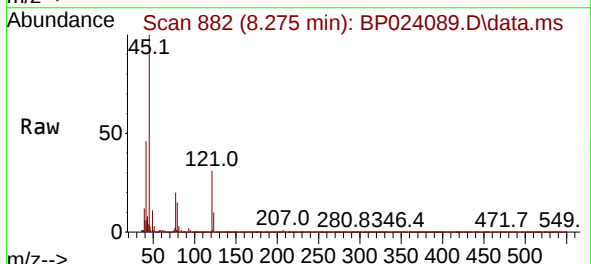
Manual Integrations
APPROVED

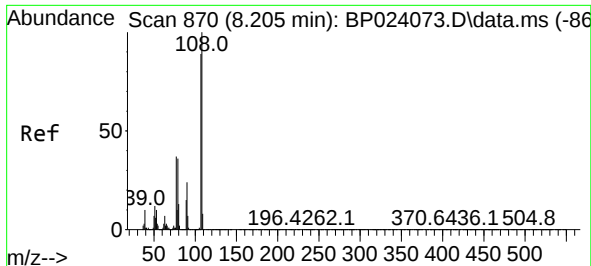
Reviewed By :Rahul Chavli 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 10.150 ng
RT: 8.275 min Scan# 882
Delta R.T. -0.012 min
Lab File: BP024089.D
Acq: 18 Feb 2025 18:39

Tgt Ion: 45 Resp: 223658
Ion Ratio Lower Upper
45 100
77 20.0 0.0 38.8
79 14.7 0.0 35.4





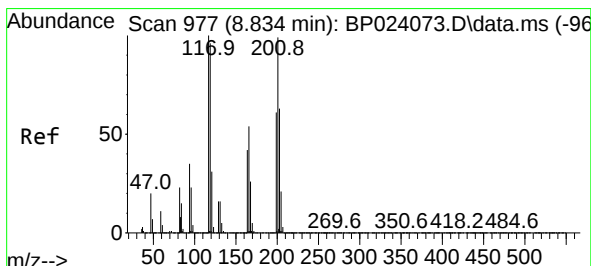
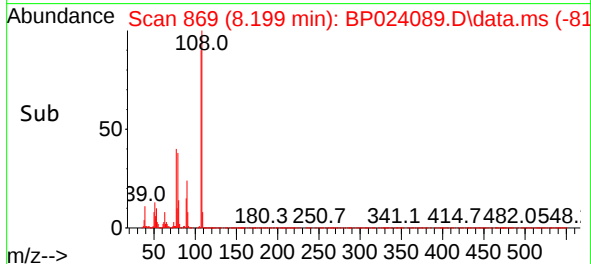
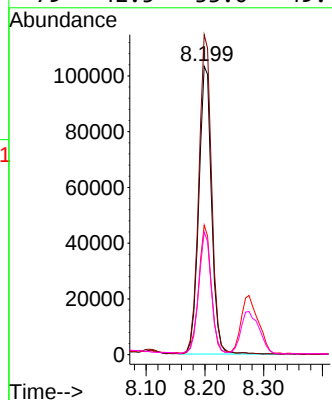
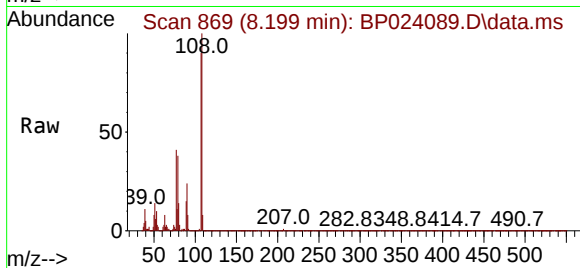
#17
2-Methylphenol
Concen: 8.848 ng
RT: 8.199 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP024089.D
Acq: 18 Feb 2025 18:39

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

Tgt Ion:	107	Resp:	15540
Ion Ratio	Lower	Upper	
107	100		
108	110.9	90.0	135.0
77	44.9	33.8	50.6
79	42.5	33.0	49.4

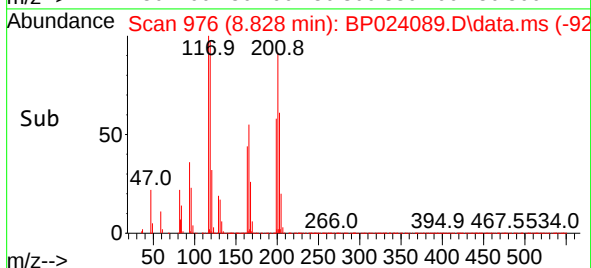
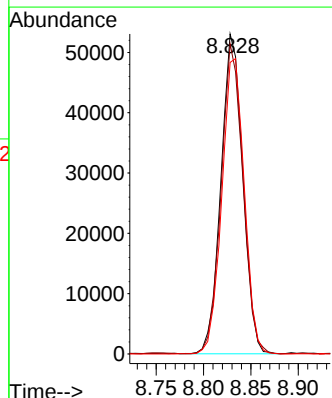
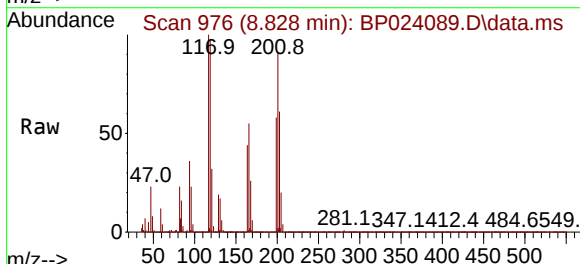
Manual Integrations
APPROVED

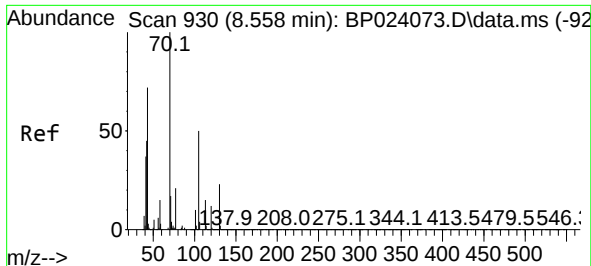
Reviewed By :Rahul Chavli 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#18
Hexachloroethane
Concen: 9.027 ng
RT: 8.828 min Scan# 976
Delta R.T. -0.006 min
Lab File: BP024089.D
Acq: 18 Feb 2025 18:39

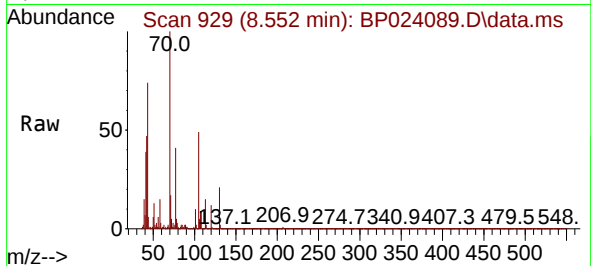
Tgt Ion:	117	Resp:	85245
Ion Ratio	Lower	Upper	
117	100		
119	96.9	76.9	115.3
201	91.1	79.4	119.2





#19
n-Nitroso-di-n-propylamine
Concen: 9.756 ng
RT: 8.552 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024089.D
Acq: 18 Feb 2025 18:39

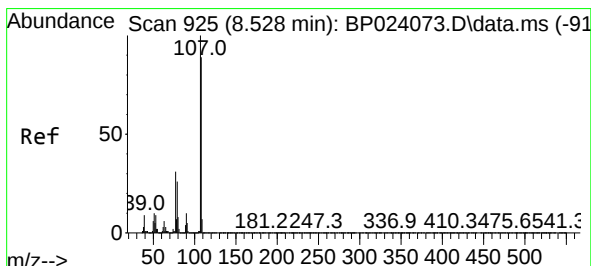
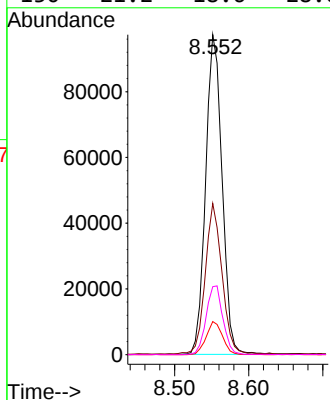
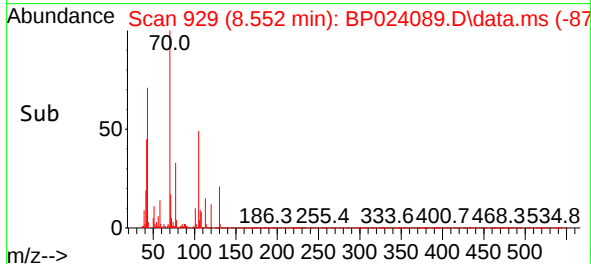
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT1-2025



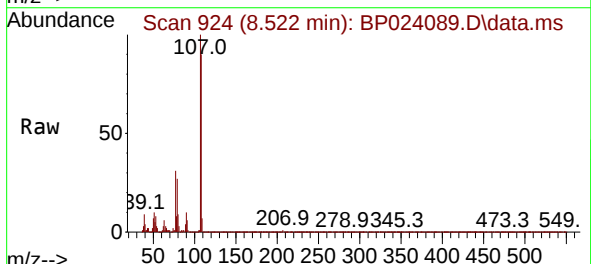
Tgt Ion: 70 Resp: 15034
Ion Ratio Lower Upper
70 100
42 47.2 36.6 54.8
101 10.4 8.2 12.2
130 21.2 18.6 28.0

Manual Integrations
APPROVED

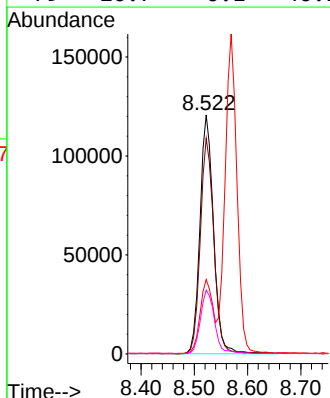
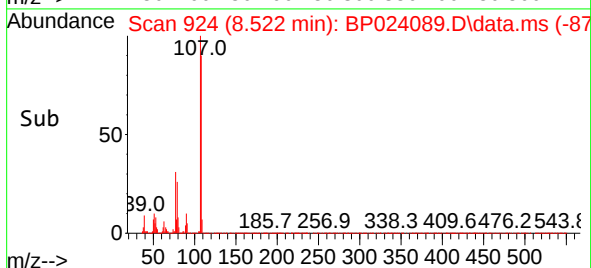
Reviewed By :Rahul Chavli 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025

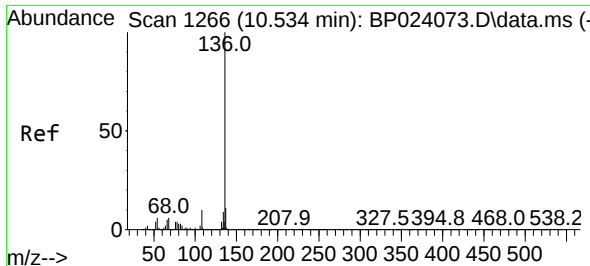


#20
3+4-Methylphenols
Concen: 8.941 ng
RT: 8.522 min Scan# 924
Delta R.T. -0.006 min
Lab File: BP024089.D
Acq: 18 Feb 2025 18:39



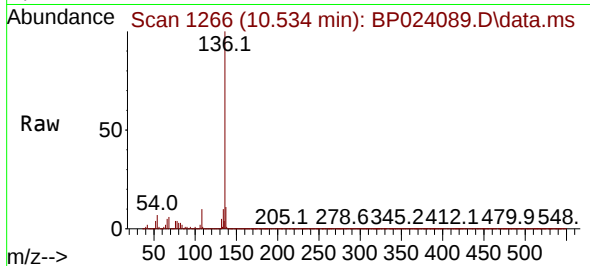
Tgt Ion:107 Resp: 213622
Ion Ratio Lower Upper
107 100
108 90.2 68.5 108.5
77 31.1 10.7 50.7
79 26.7 6.1 46.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.534 min Scan# 1266
Delta R.T. -0.000 min
Lab File: BP024089.D
Acq: 18 Feb 2025 18:39

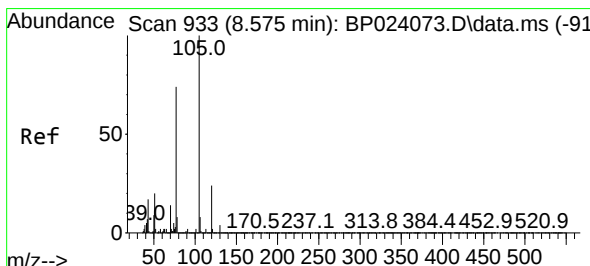
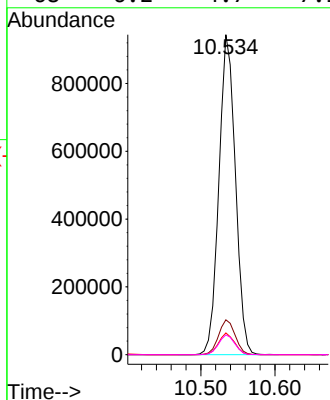
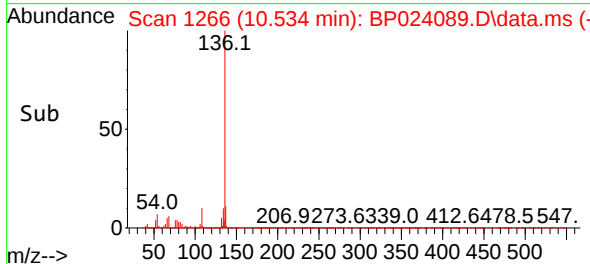
Instrument : BNA_P
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion:136 Resp: 145858
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 6.8 4.9 7.3
68 6.2 4.7 7.1

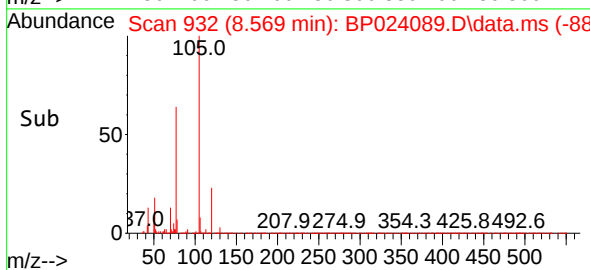
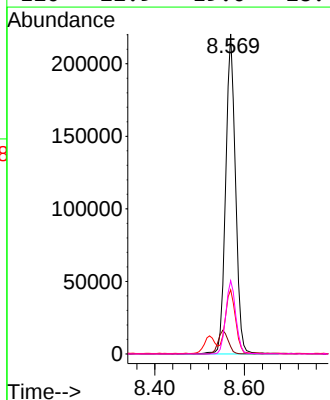
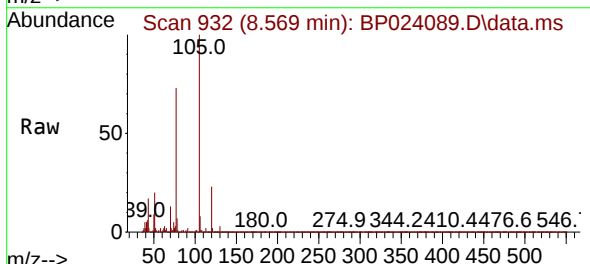
Manual Integrations
APPROVED

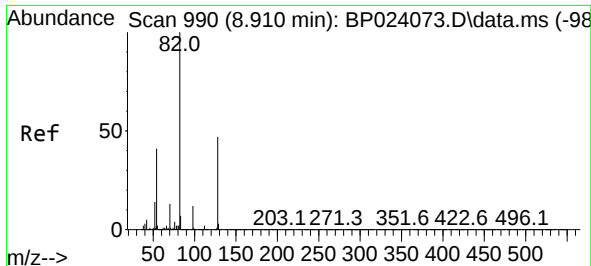
Reviewed By :Rahul Chavli 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#22
Acetophenone
Concen: 9.002 ng
RT: 8.569 min Scan# 932
Delta R.T. -0.006 min
Lab File: BP024089.D
Acq: 18 Feb 2025 18:39

Tgt Ion:105 Resp: 337399
Ion Ratio Lower Upper
105 100
71 2.3 1.9 2.9
51 20.1 16.3 24.5
120 22.9 19.0 28.4





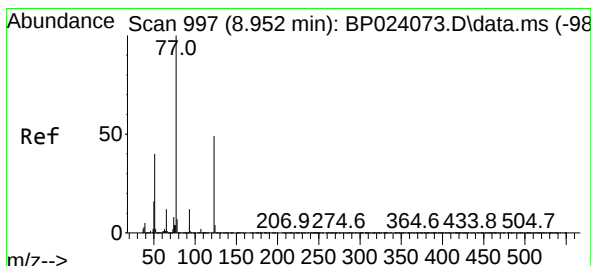
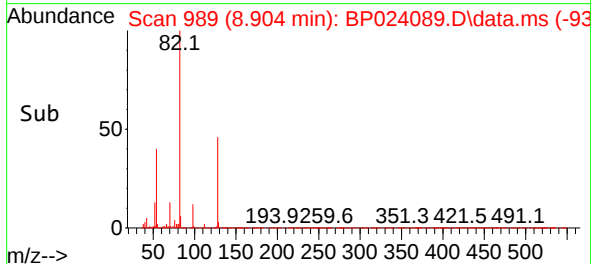
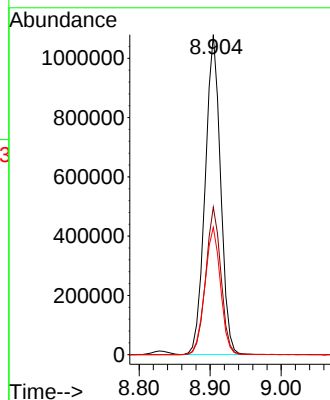
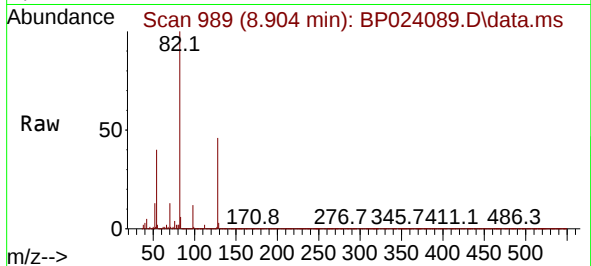
#23
Nitrobenzene-d5
Concen: 62.322 ng
RT: 8.904 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024089.D
Acq: 18 Feb 2025 18:39

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

Tgt Ion: 82 Resp: 162940
Ion Ratio Lower Upper
82 100
128 46.1 37.4 56.2
54 39.8 32.4 48.6

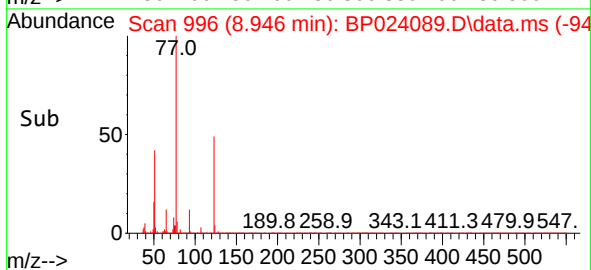
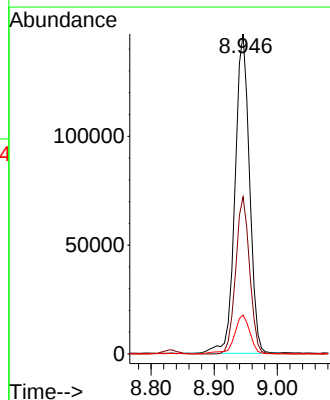
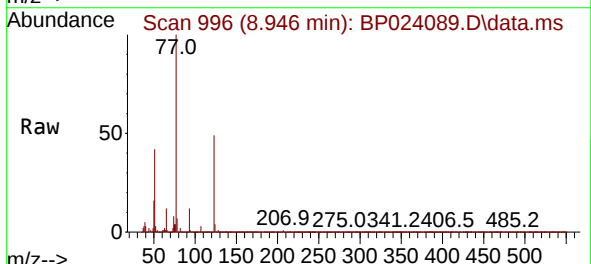
Manual Integrations
APPROVED

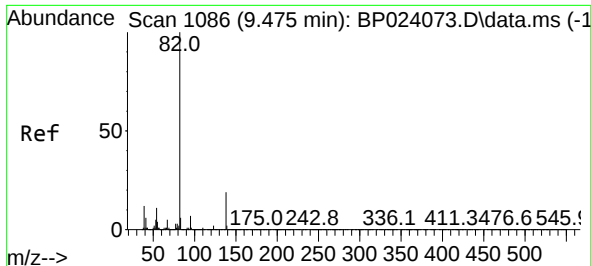
Reviewed By :Rahul Chavli 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#24
Nitrobenzene
Concen: 9.103 ng
RT: 8.946 min Scan# 996
Delta R.T. -0.006 min
Lab File: BP024089.D
Acq: 18 Feb 2025 18:39

Tgt Ion: 77 Resp: 234232
Ion Ratio Lower Upper
77 100
123 49.1 39.4 59.2
65 12.1 9.9 14.9





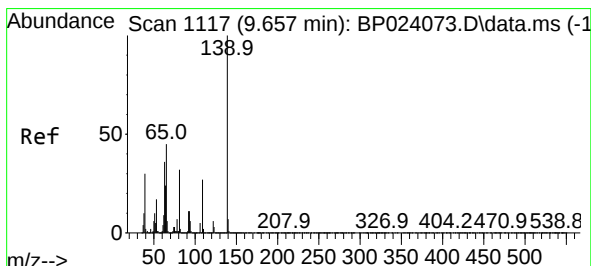
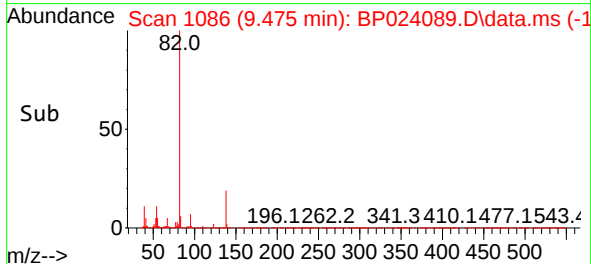
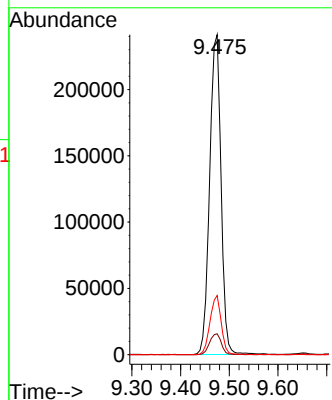
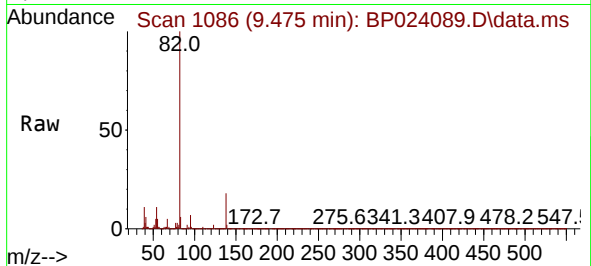
#25
Isophorone
Concen: 9.139 ng
RT: 9.475 min Scan# 1108
Delta R.T. -0.000 min
Lab File: BP024089.D
Acq: 18 Feb 2025 18:39

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

Tgt Ion: 82 Resp: 39072
Ion Ratio Lower Upper
82 100
95 6.6 5.4 8.0
138 18.5 15.3 22.9

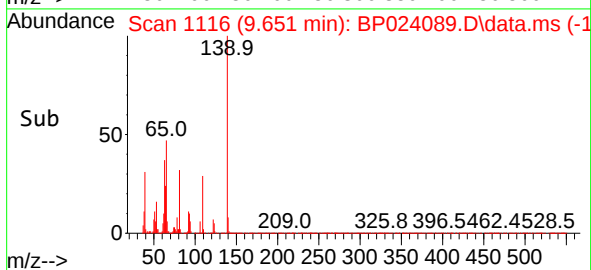
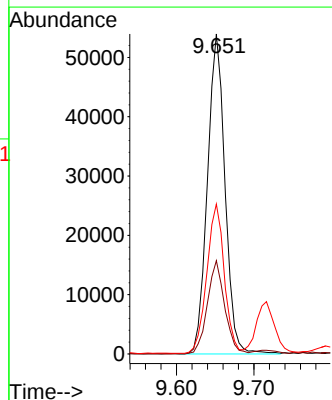
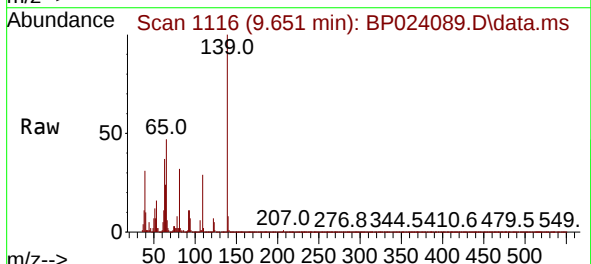
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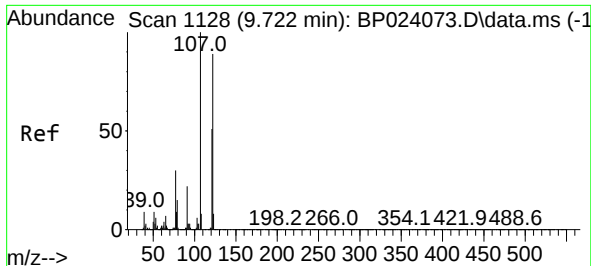
Reviewed By :Rahul Chavli 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#26
2-Nitrophenol
Concen: 7.160 ng
RT: 9.651 min Scan# 1116
Delta R.T. -0.006 min
Lab File: BP024089.D
Acq: 18 Feb 2025 18:39

Tgt Ion:139 Resp: 84878
Ion Ratio Lower Upper
139 100
109 29.2 21.7 32.5
65 46.9 36.1 54.1





#27

2,4-Dimethylphenol

Concen: 9.501 ng

RT: 9.716 min Scan# 1127

Delta R.T. -0.006 min

Lab File: BP024089.D

Acq: 18 Feb 2025 18:39

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT1-2025

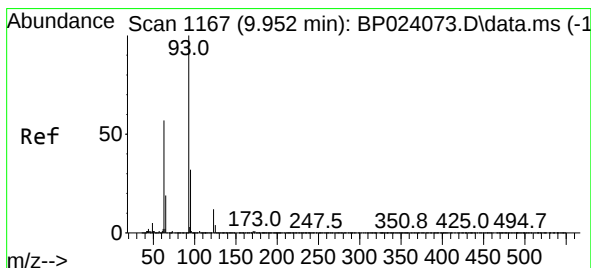
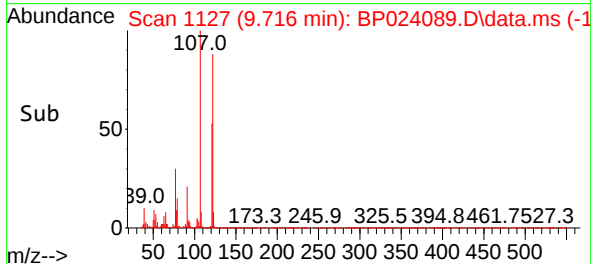
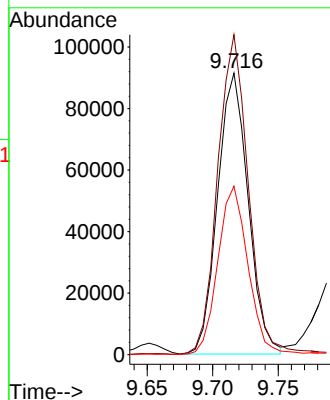
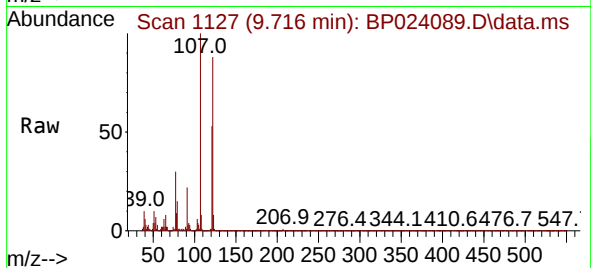
Tgt Ion:	122	Resp:	147830
Ion	Ratio	Lower	Upper
122	100		
107	113.7	89.8	134.8
121	59.8	45.9	68.9

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APPROVED

Reviewed By :Rahul Chavli 02/20/2025

Supervised By :Jagrut Upadhyay 02/20/2025



#28

bis(2-Chloroethoxy)methane

Concen: 8.995 ng

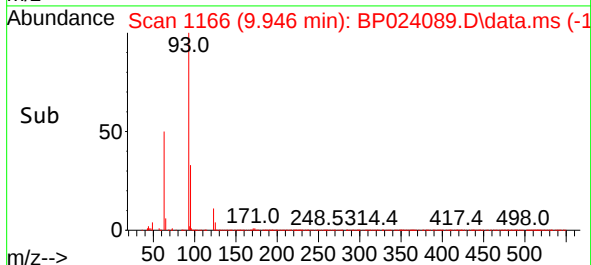
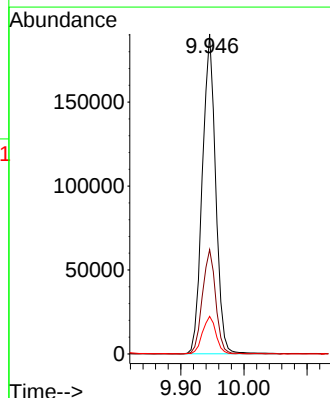
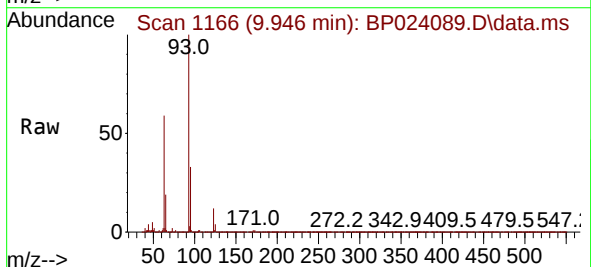
RT: 9.946 min Scan# 1166

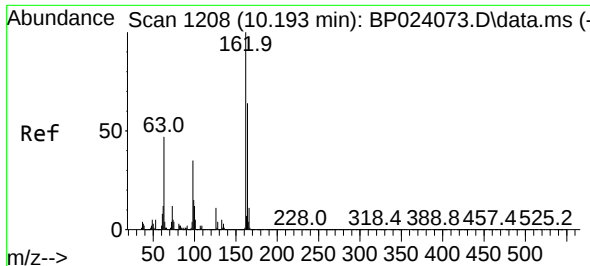
Delta R.T. -0.006 min

Lab File: BP024089.D

Acq: 18 Feb 2025 18:39

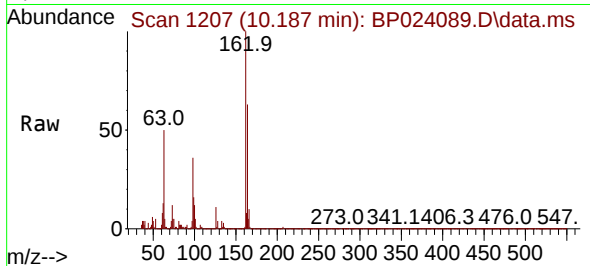
Tgt Ion:	93	Resp:	278599
Ion	Ratio	Lower	Upper
93	100		
95	32.6	25.9	38.9
123	11.8	9.7	14.5





#29
2,4-Dichlorophenol
Concen: 7.745 ng
RT: 10.187 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BP024089.D
Acq: 18 Feb 2025 18:39

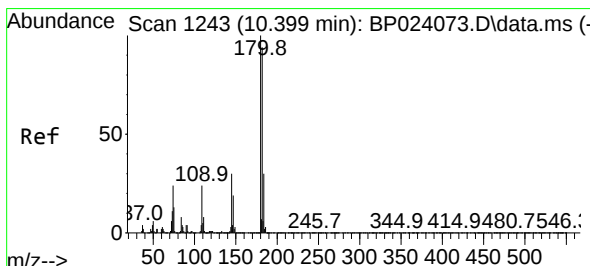
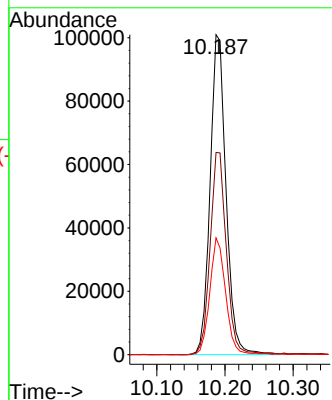
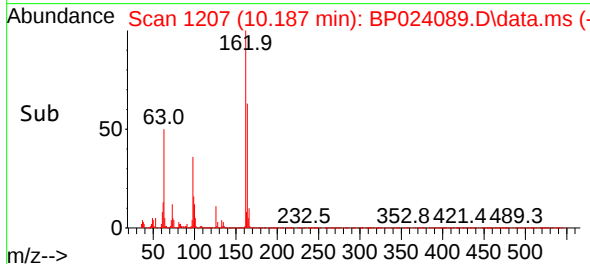
Instrument : BNA_P
ClientSampleId :
LOQ-WATER-02-QT1-2025



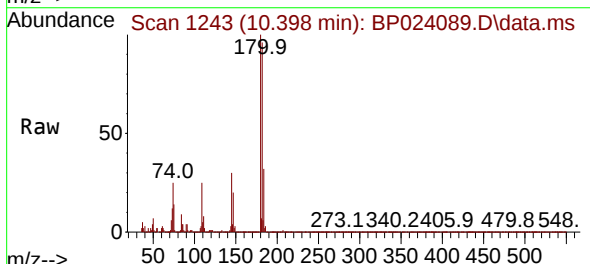
Tgt Ion:162 Resp: 164468
Ion Ratio Lower Upper
162 100
164 63.2 44.5 84.5
98 36.5 15.3 55.3

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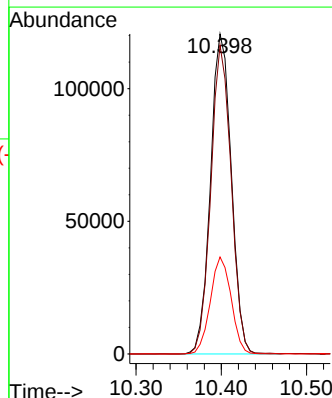
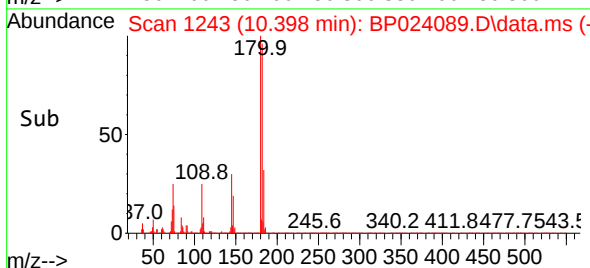
Reviewed By :Rahul Chavli 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025

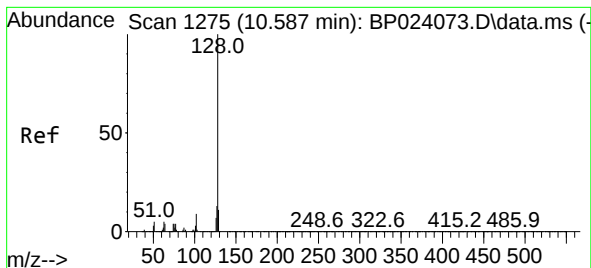


#30
1,2,4-Trichlorobenzene
Concen: 8.418 ng
RT: 10.398 min Scan# 1243
Delta R.T. -0.000 min
Lab File: BP024089.D
Acq: 18 Feb 2025 18:39



Tgt Ion:180 Resp: 204807
Ion Ratio Lower Upper
180 100
182 96.5 75.4 113.2
145 30.3 24.0 36.0





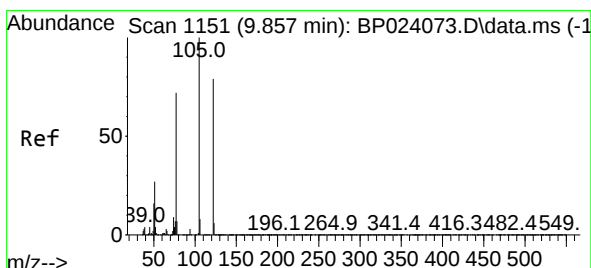
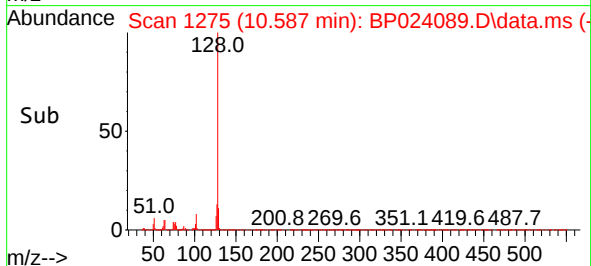
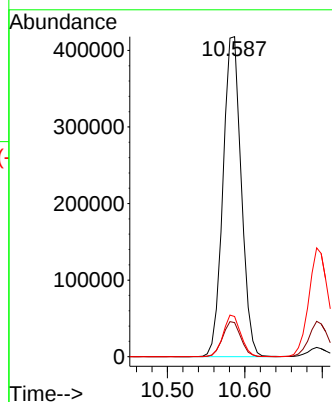
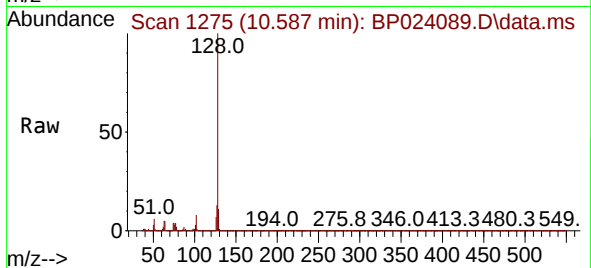
#31
Naphthalene
Concen: 8.722 ng
RT: 10.587 min Scan# 111
Delta R.T. -0.000 min
Lab File: BP024089.D
Acq: 18 Feb 2025 18:39

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

Tgt Ion:128 Resp: 684050
Ion Ratio Lower Upper
128 100
129 10.7 8.6 13.0
127 12.5 10.3 15.5

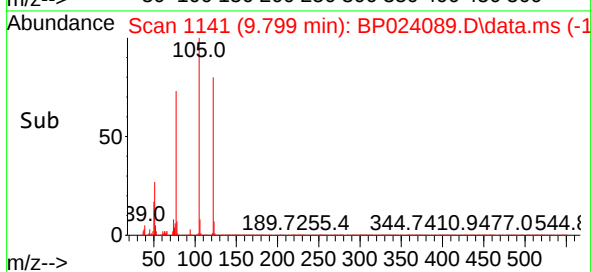
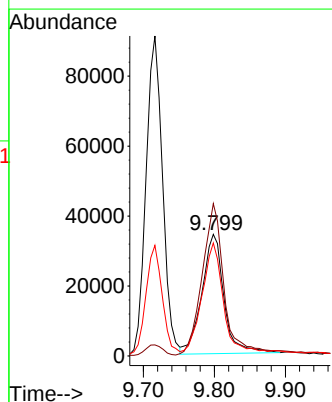
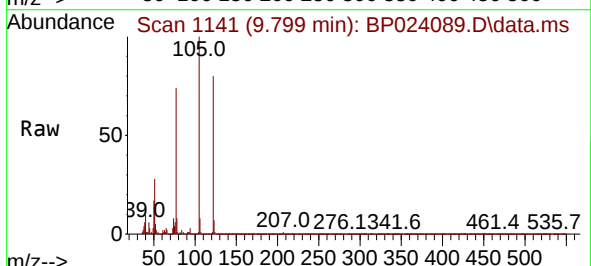
Manual Integrations
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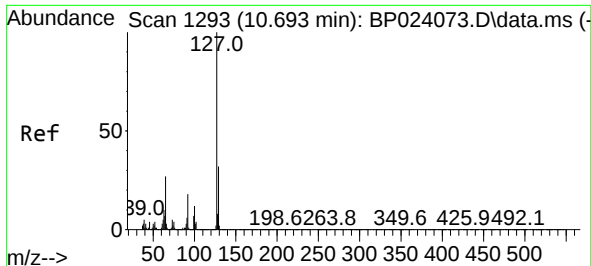
Reviewed By :Rahul Chavli 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#32
Benzoic acid
Concen: 11.307 ng
RT: 9.799 min Scan# 1141
Delta R.T. -0.058 min
Lab File: BP024089.D
Acq: 18 Feb 2025 18:39

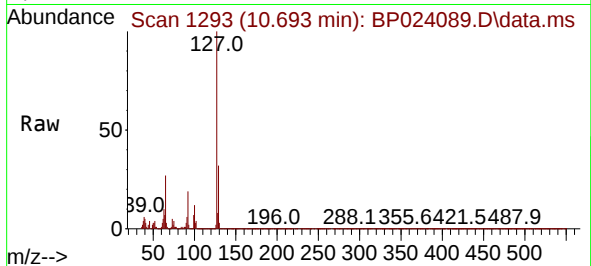
Tgt Ion:122 Resp: 73876
Ion Ratio Lower Upper
122 100
105 125.3 103.7 143.7
77 92.8 69.9 109.9





#33
4-Chloroaniline
Concen: 9.139 ng
RT: 10.693 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BP024089.D
Acq: 18 Feb 2025 18:39

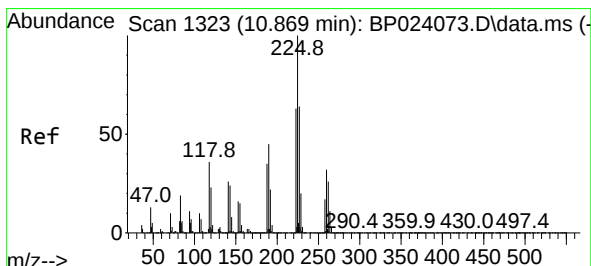
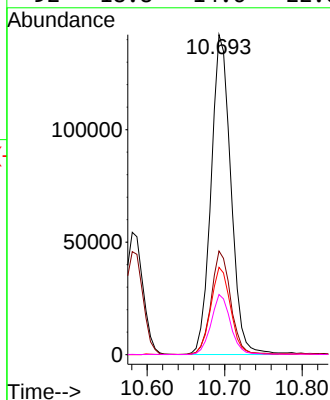
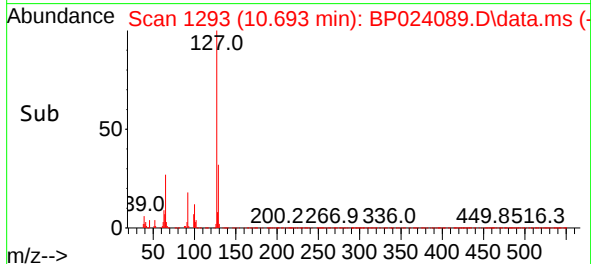
Instrument : BNA_P
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.4	38.0
65	27.3	21.3	31.9
92	18.8	14.6	22.0

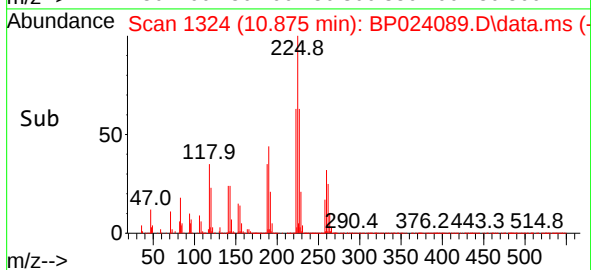
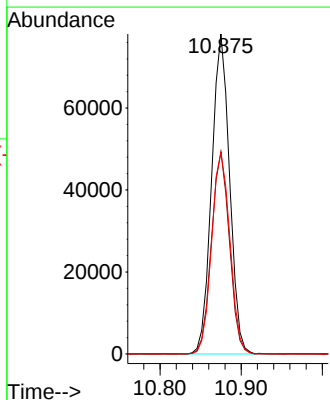
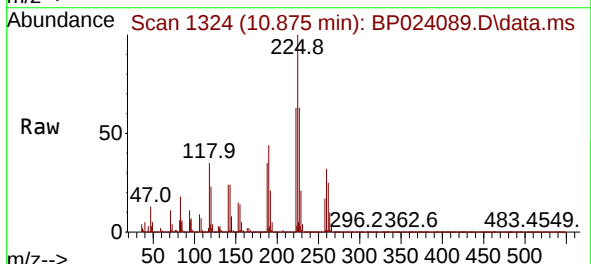
Manual Integrations
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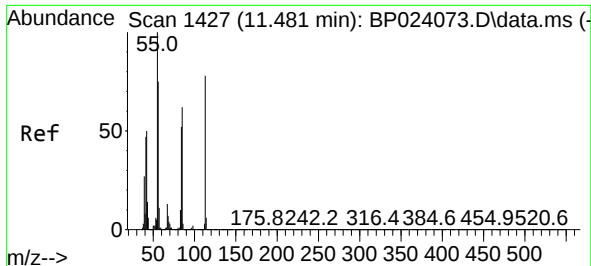
Reviewed By :Rahul Chavli 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#34
Hexachlorobutadiene
Concen: 8.491 ng
RT: 10.875 min Scan# 1324
Delta R.T. 0.006 min
Lab File: BP024089.D
Acq: 18 Feb 2025 18:39

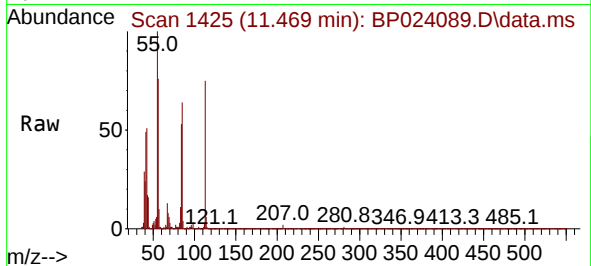
Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.5	75.7
227	63.0	51.3	76.9





#35
Caprolactam
Concen: 11.325 ng
RT: 11.469 min Scan# 1425
Delta R.T. -0.012 min
Lab File: BP024089.D
Acq: 18 Feb 2025 18:39

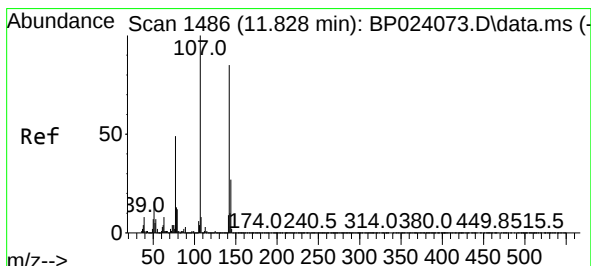
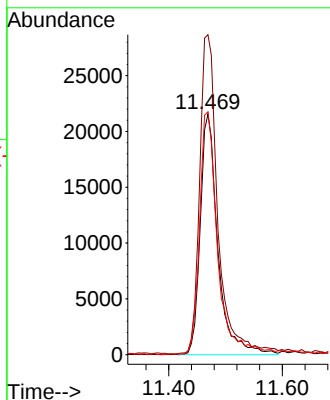
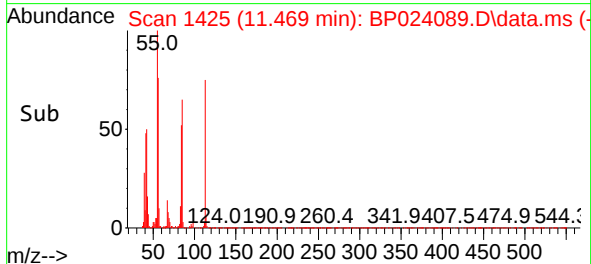
Instrument : BNA_P
ClientSampleId :
LOQ-WATER-02-QT1-2025



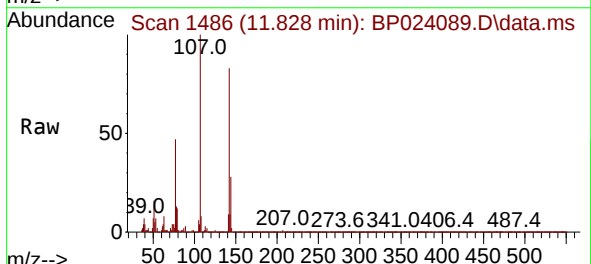
Tgt Ion:113 Resp: 46538
Ion Ratio Lower Upper
113 100
55 133.0 108.8 148.8
56 101.0 76.5 116.5

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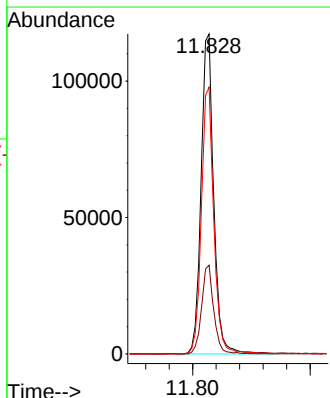
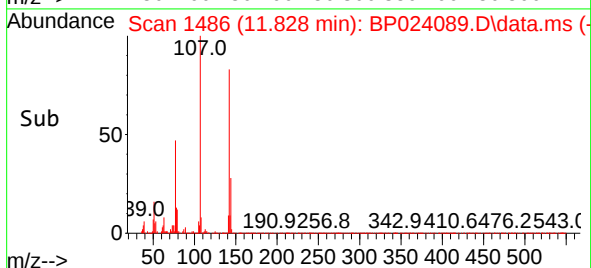
Reviewed By :Rahul Chavli 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025

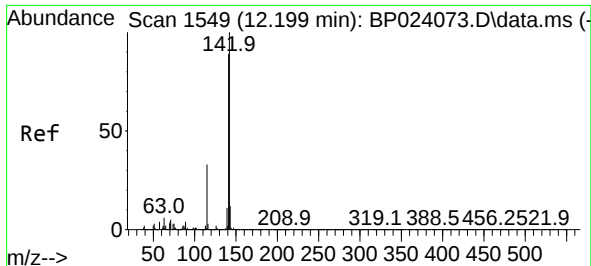


#36
4-Chloro-3-methylphenol
Concen: 7.991 ng
RT: 11.828 min Scan# 1486
Delta R.T. -0.000 min
Lab File: BP024089.D
Acq: 18 Feb 2025 18:39



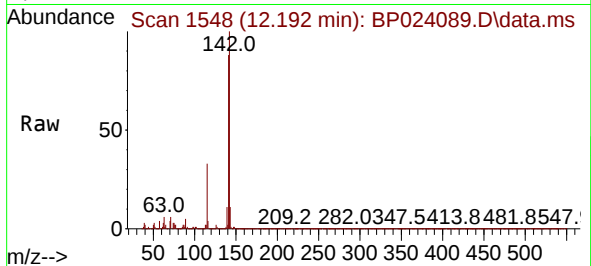
Tgt Ion:107 Resp: 174448
Ion Ratio Lower Upper
107 100
144 27.7 21.8 32.8
142 83.4 67.8 101.8





#37
2-Methylnaphthalene
Concen: 8.920 ng
RT: 12.192 min Scan# 1548
Delta R.T. -0.006 min
Lab File: BP024089.D
Acq: 18 Feb 2025 18:39

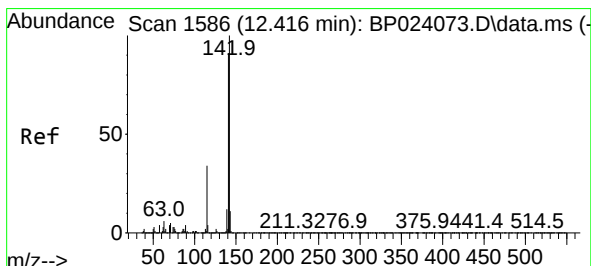
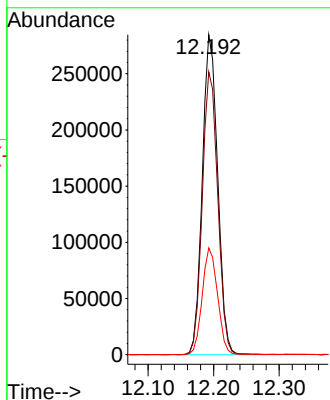
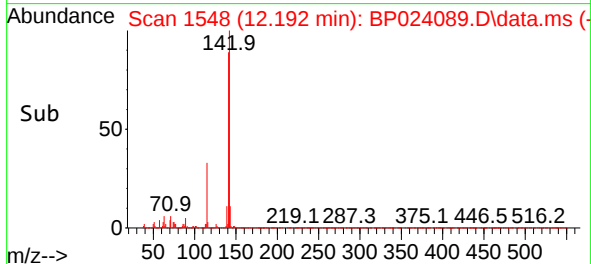
Instrument : BNA_P
ClientSampleId :
LOQ-WATER-02-QT1-2025



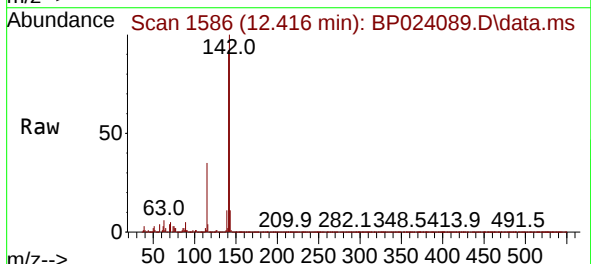
Tgt Ion:142 Resp: 464972
Ion Ratio Lower Upper
142 100
141 88.4 71.2 106.8
115 33.4 26.5 39.7

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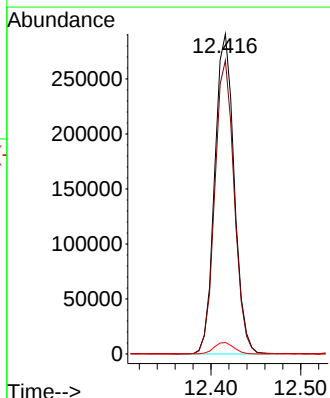
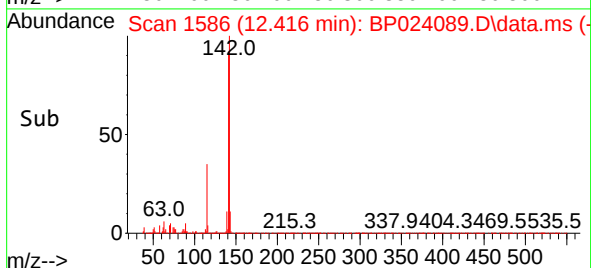
Reviewed By :Rahul Chavli 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025

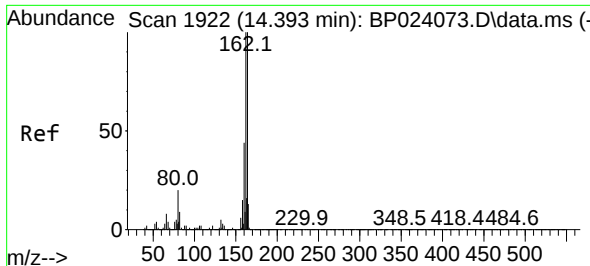


#38
1-Methylnaphthalene
Concen: 8.635 ng
RT: 12.416 min Scan# 1586
Delta R.T. -0.000 min
Lab File: BP024089.D
Acq: 18 Feb 2025 18:39



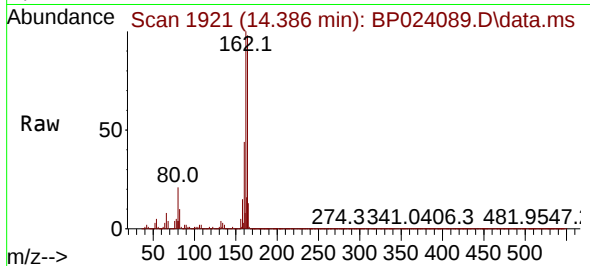
Tgt Ion:142 Resp: 437870
Ion Ratio Lower Upper
142 100
141 91.8 73.0 109.6
116 3.6 2.8 4.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.386 min Scan# 1921
Delta R.T. -0.006 min
Lab File: BP024089.D
Acq: 18 Feb 2025 18:39

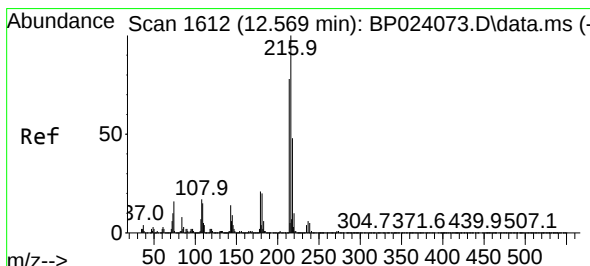
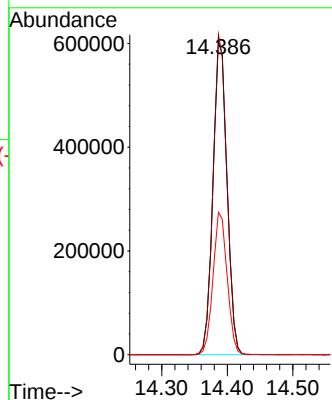
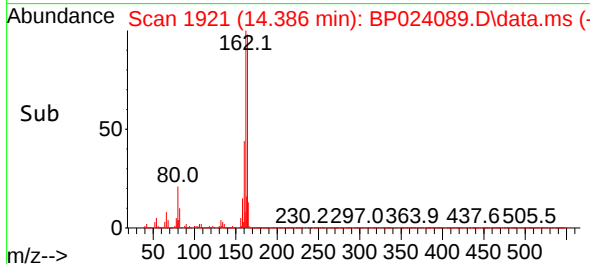
Instrument : BNA_P
ClientSampleId :
LOQ-WATER-02-QT1-2025



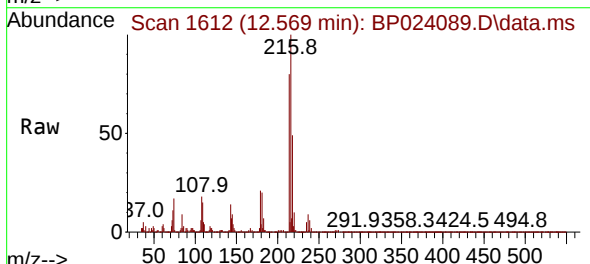
Tgt Ion:164 Resp: 89747
Ion Ratio Lower Upper
164 100
162 102.0 80.1 120.1
160 45.4 35.6 53.4

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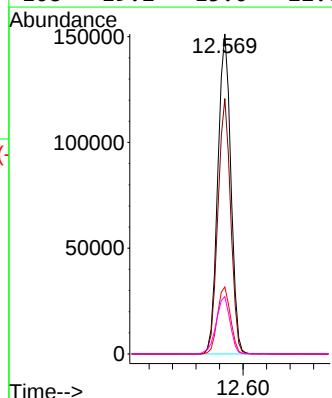
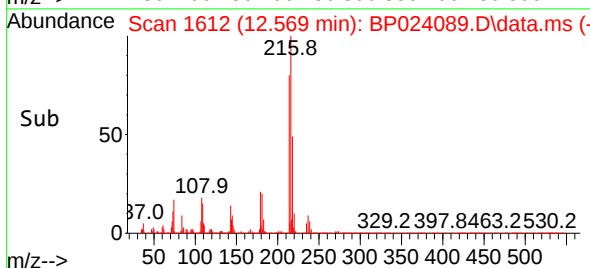
Reviewed By :Rahul Chavli 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025

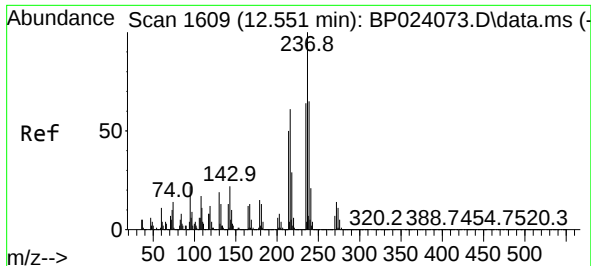


#40
1,2,4,5-Tetrachlorobenzene
Concen: 8.409 ng
RT: 12.569 min Scan# 1612
Delta R.T. -0.000 min
Lab File: BP024089.D
Acq: 18 Feb 2025 18:39



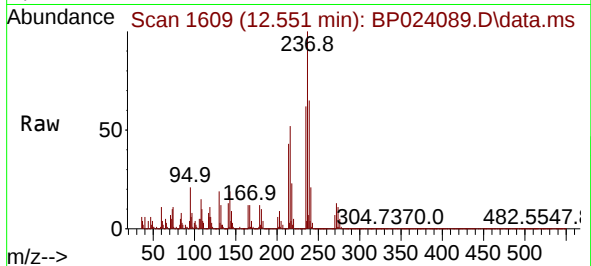
Tgt Ion:216 Resp: 231871
Ion Ratio Lower Upper
216 100
214 78.3 62.7 94.1
179 21.0 16.6 25.0
108 19.2 15.0 22.6





#41
Hexachlorocyclopentadiene
Concen: 10.515 ng
RT: 12.551 min Scan# 107890
Delta R.T. -0.000 min
Lab File: BP024089.D
Acq: 18 Feb 2025 18:39

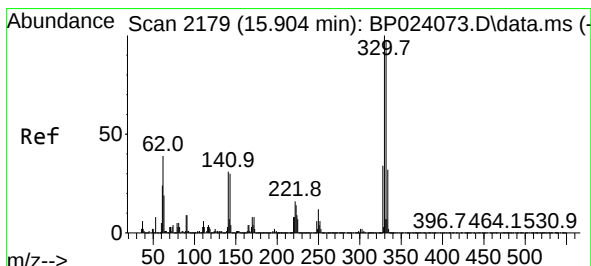
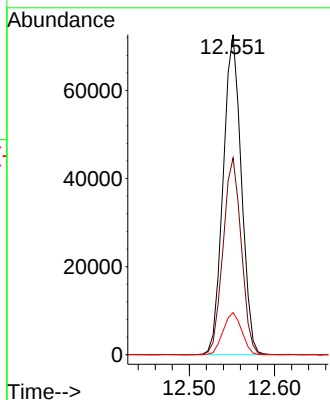
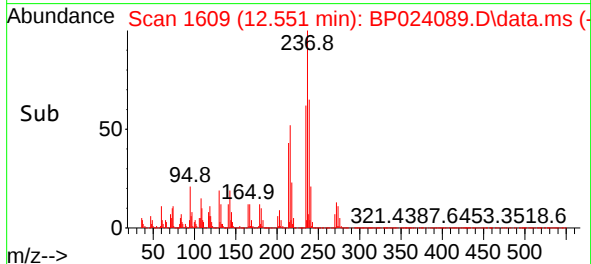
Instrument : BNA_P
ClientSampleId :
LOQ-WATER-02-QT1-2025



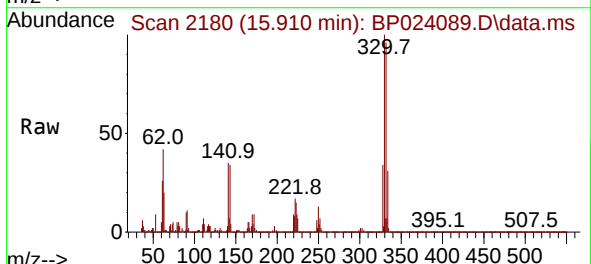
Tgt Ion: 237 Resp: 107890
Ion Ratio Lower Upper
237 100
235 61.5 43.5 83.5
272 13.1 0.0 33.7

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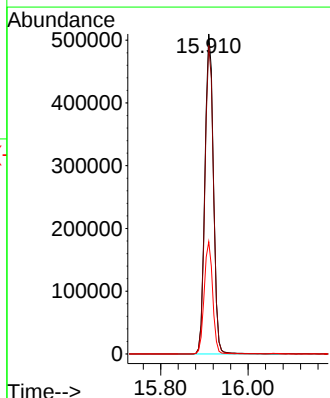
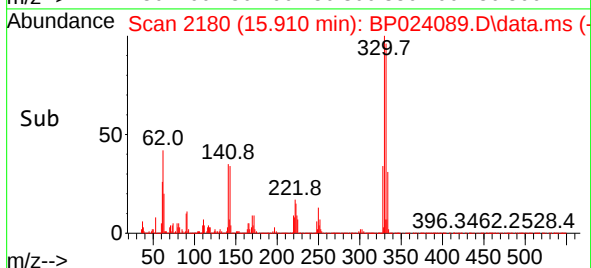
Reviewed By :Rahul Chavli 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025

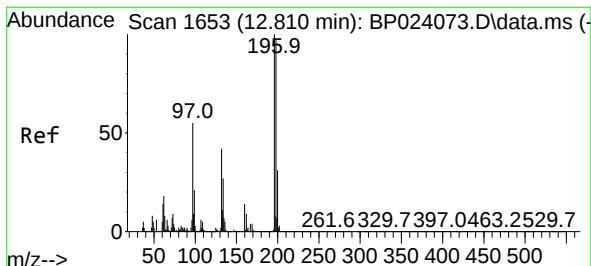


#42
2,4,6-Tribromophenol
Concen: 63.000 ng
RT: 15.910 min Scan# 2180
Delta R.T. 0.006 min
Lab File: BP024089.D
Acq: 18 Feb 2025 18:39



Tgt Ion: 330 Resp: 692561
Ion Ratio Lower Upper
330 100
332 96.6 77.0 115.4
141 34.8 28.3 42.5





#43

2,4,6-Trichlorophenol

Concen: 7.519 ng

RT: 12.810 min Scan# 1653

Delta R.T. -0.000 min

Lab File: BP024089.D

Acq: 18 Feb 2025 18:39

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT1-2025

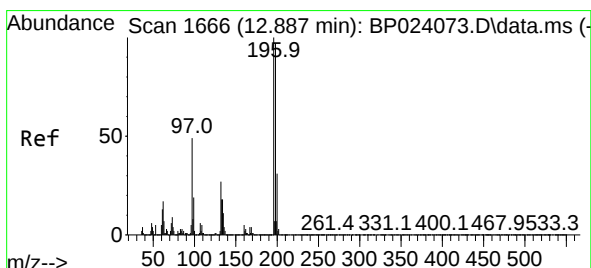
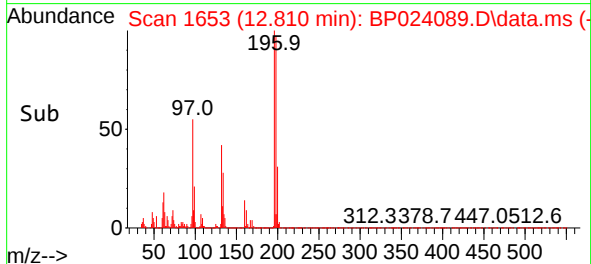
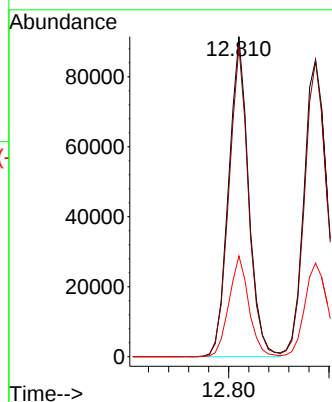
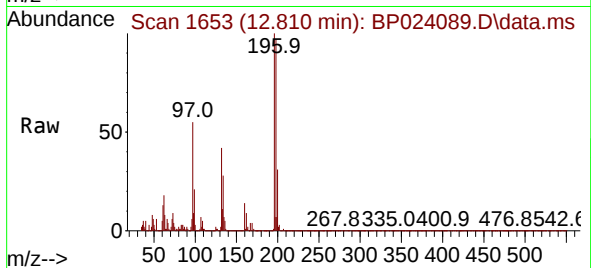
Tgt Ion:196	Resp: 12644
Ion Ratio	Lower Upper
196	100
198	97.0 77.8 116.6
200	31.5 25.0 37.4

Manual Integrations

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Supervised By :Jagrut Upadhyay 02/20/2025



#44

2,4,5-Trichlorophenol

Concen: 7.427 ng

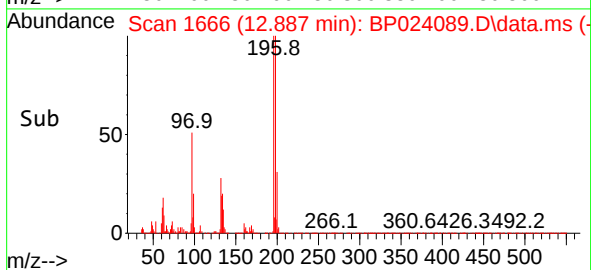
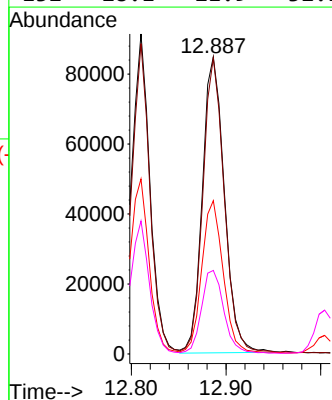
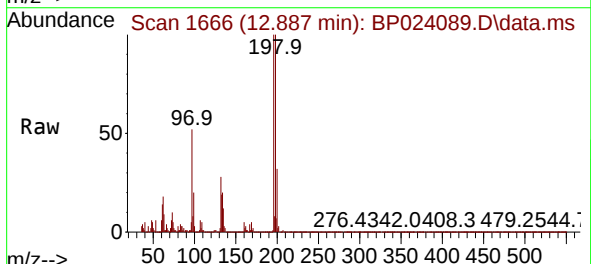
RT: 12.887 min Scan# 1666

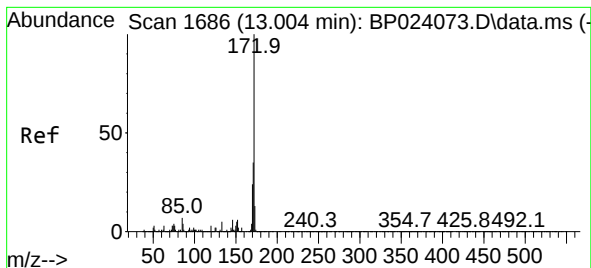
Delta R.T. -0.000 min

Lab File: BP024089.D

Acq: 18 Feb 2025 18:39

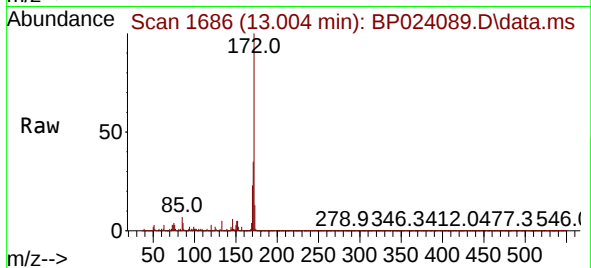
Tgt Ion:196	Resp: 136591
Ion Ratio	Lower Upper
196	100
198	99.6 77.4 116.2
97	51.6 39.0 58.4
132	28.1 21.9 32.9





#45
2-Fluorobiphenyl
Concen: 60.357 ng
RT: 13.004 min Scan# 1686
Delta R.T. -0.000 min
Lab File: BP024089.D
Acq: 18 Feb 2025 18:39

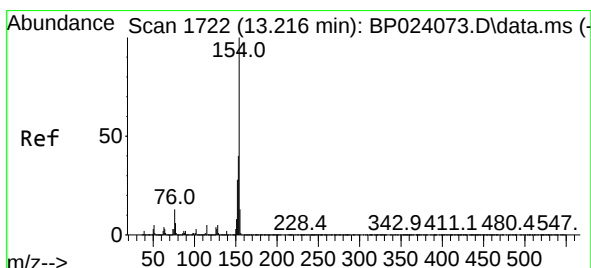
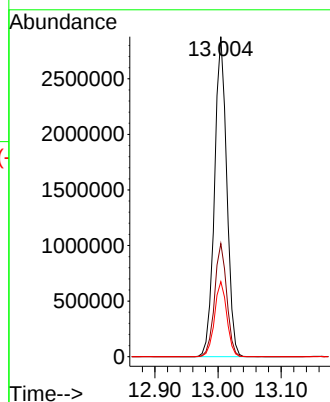
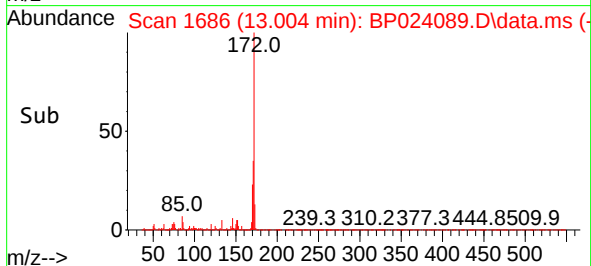
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT1-2025



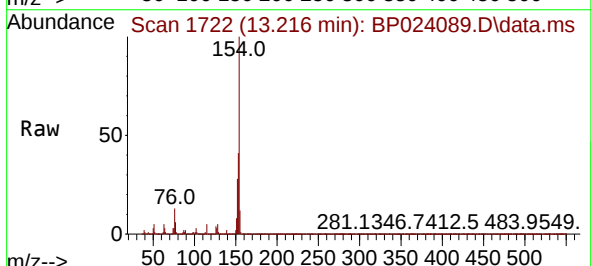
Tgt Ion:172 Resp: 387475
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.2
170 23.5 19.0 28.6

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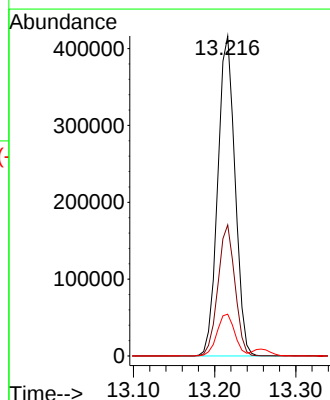
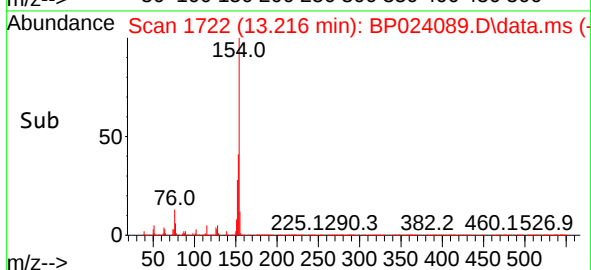
Reviewed By :Rahul Chavli 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025

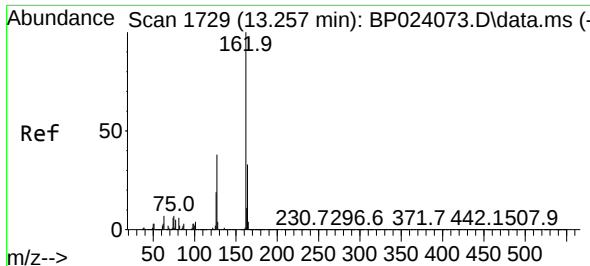


#46
1,1'-Biphenyl
Concen: 8.831 ng
RT: 13.216 min Scan# 1722
Delta R.T. -0.000 min
Lab File: BP024089.D
Acq: 18 Feb 2025 18:39



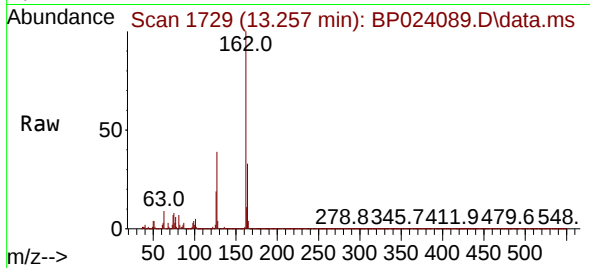
Tgt Ion:154 Resp: 615889
Ion Ratio Lower Upper
154 100
153 41.0 20.0 60.0
76 13.1 0.0 32.6





#47
2-Chloronaphthalene
Concen: 8.636 ng
RT: 13.257 min Scan# 1729
Delta R.T. -0.000 min
Lab File: BP024089.D
Acq: 18 Feb 2025 18:39

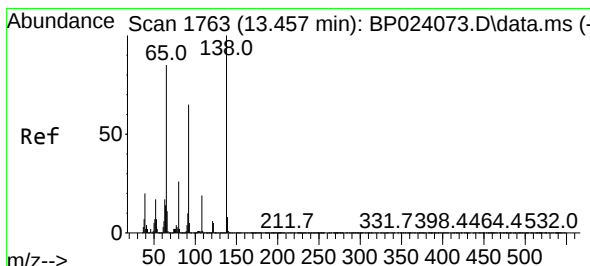
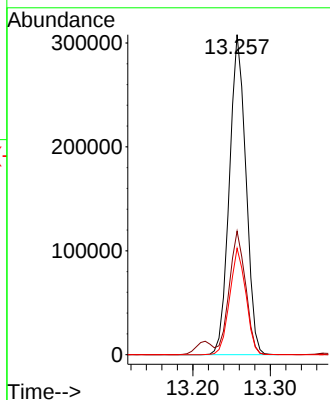
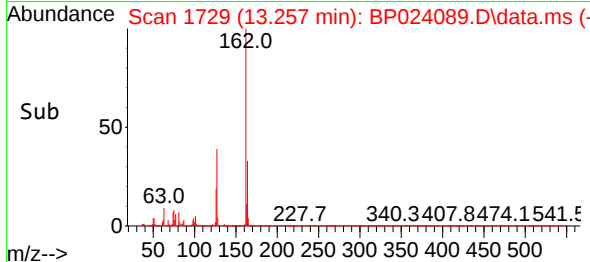
Instrument : BNA_P
ClientSampleId :
LOQ-WATER-02-QT1-2025



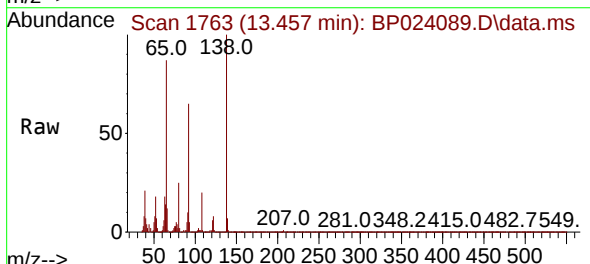
Tgt Ion: 162 Resp: 455290
Ion Ratio Lower Upper
162 100
127 38.6 30.7 46.1
164 33.3 26.6 39.8

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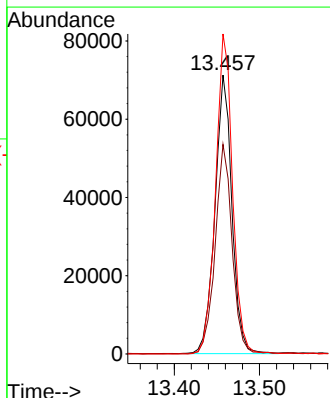
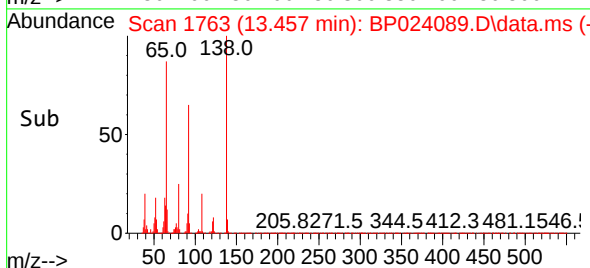
Reviewed By :Rahul Chavli 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025

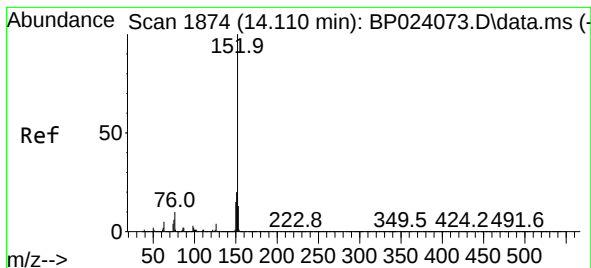


#48
2-Nitroaniline
Concen: 7.932 ng
RT: 13.457 min Scan# 1763
Delta R.T. -0.000 min
Lab File: BP024089.D
Acq: 18 Feb 2025 18:39



Tgt Ion: 65 Resp: 98785
Ion Ratio Lower Upper
65 100
92 75.1 61.7 92.5
138 114.7 94.6 142.0





#49

Acenaphthylene

Concen: 8.892 ng

RT: 14.110 min Scan# 1874

Delta R.T. -0.000 min

Lab File: BP024089.D

Acq: 18 Feb 2025 18:39

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT1-2025

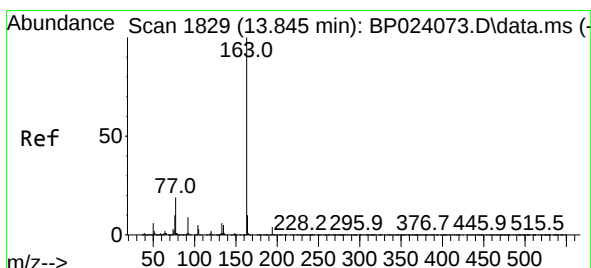
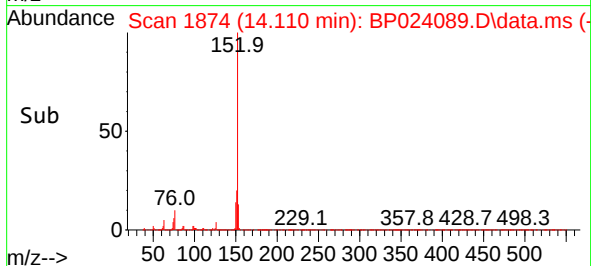
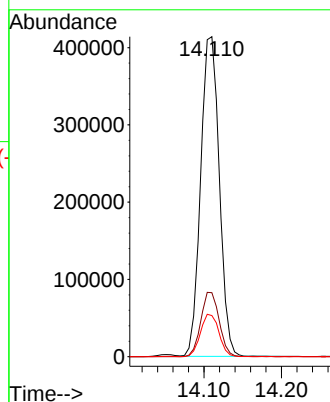
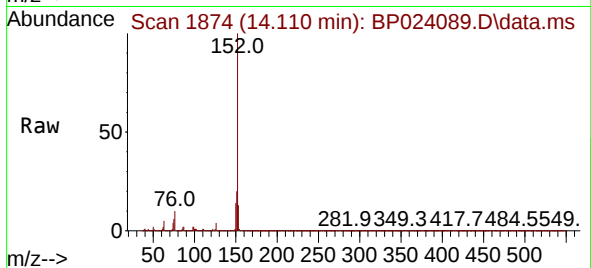
Tgt Ion:	152	Resp:	690660
Ion Ratio	Lower	Upper	
152	100		
151	20.0	15.8	23.8
153	12.9	10.7	16.1

Manual Integrations

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Reviewed By :Rahul Chavli 02/20/2025

Supervised By :Jagrut Upadhyay 02/20/2025



#50

Dimethylphthalate

Concen: 8.629 ng

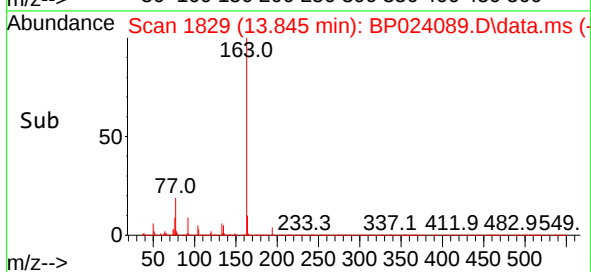
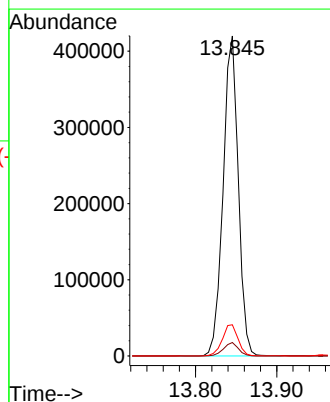
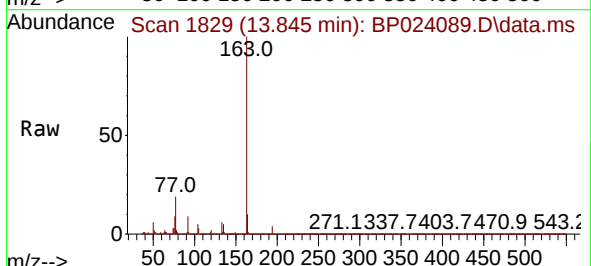
RT: 13.845 min Scan# 1829

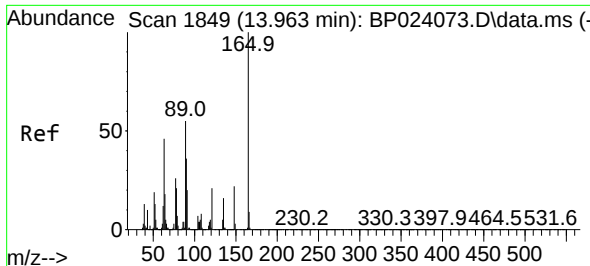
Delta R.T. -0.000 min

Lab File: BP024089.D

Acq: 18 Feb 2025 18:39

Tgt Ion:	163	Resp:	546268
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.4	5.2
164	9.7	8.1	12.1





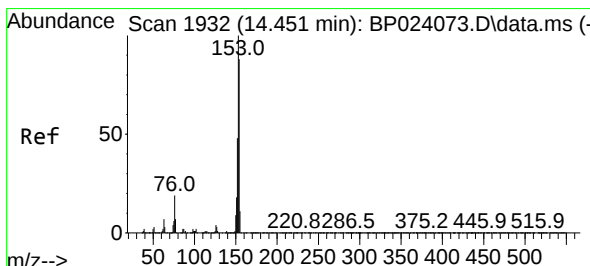
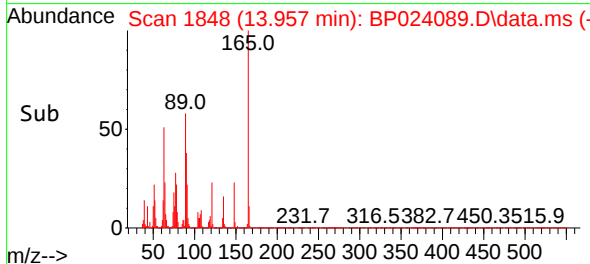
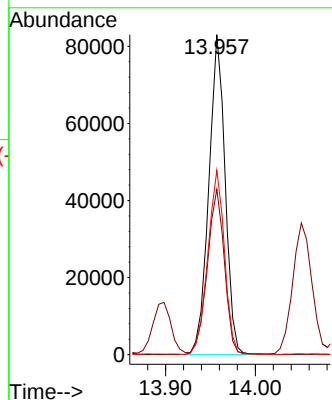
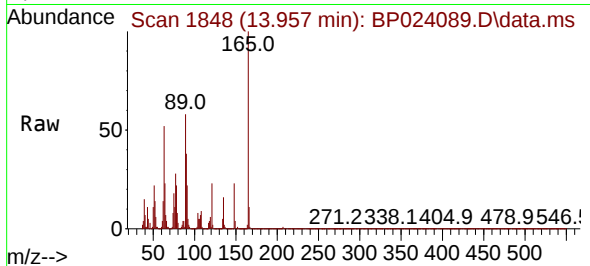
#51
2,6-Dinitrotoluene
Concen: 8.125 ng
RT: 13.957 min Scan# 1848
Delta R.T. -0.006 min
Lab File: BP024089.D
Acq: 18 Feb 2025 18:39

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

Tgt Ion:165 Resp: 10478
Ion Ratio Lower Upper
165 100
63 51.7 40.1 60.1
89 57.6 44.2 66.4

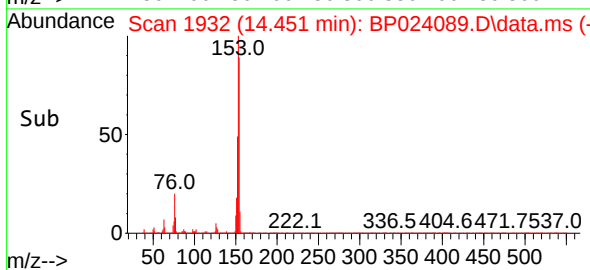
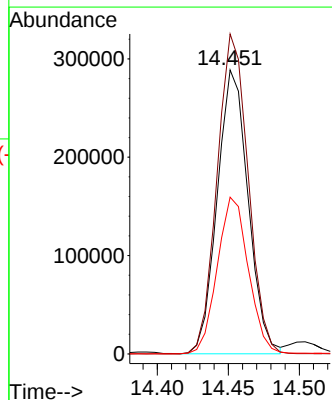
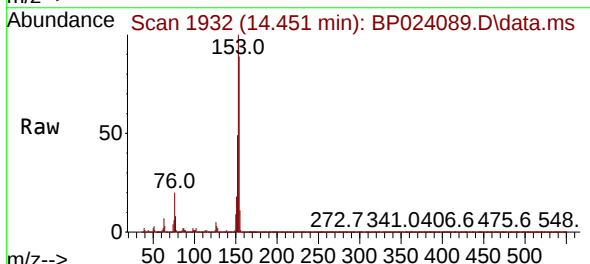
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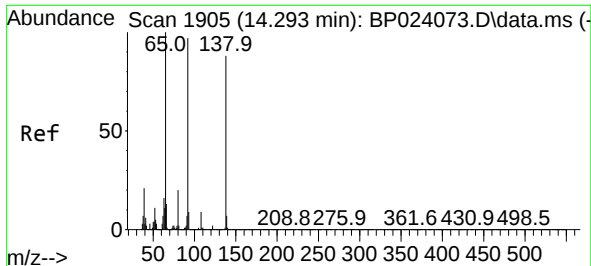
Reviewed By :Rahul Chavli 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#52
Acenaphthene
Concen: 8.731 ng
RT: 14.451 min Scan# 1932
Delta R.T. -0.000 min
Lab File: BP024089.D
Acq: 18 Feb 2025 18:39

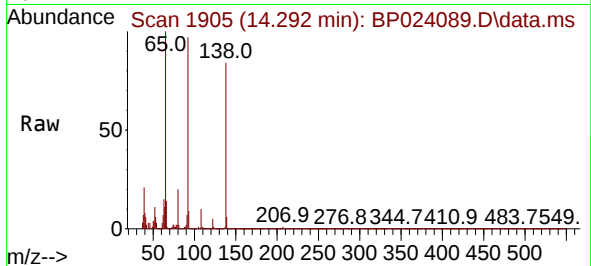
Tgt Ion:154 Resp: 436716
Ion Ratio Lower Upper
154 100
153 112.7 90.6 135.8
152 55.2 43.6 65.4





#53
3-Nitroaniline
Concen: 8.092 ng
RT: 14.292 min Scan# 1905
Delta R.T. -0.000 min
Lab File: BP024089.D
Acq: 18 Feb 2025 18:39

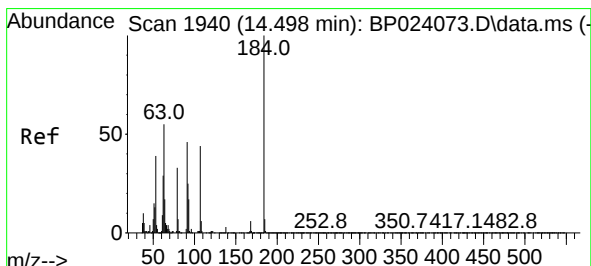
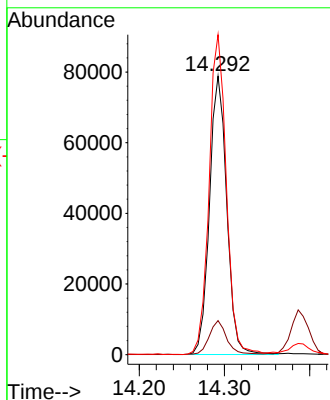
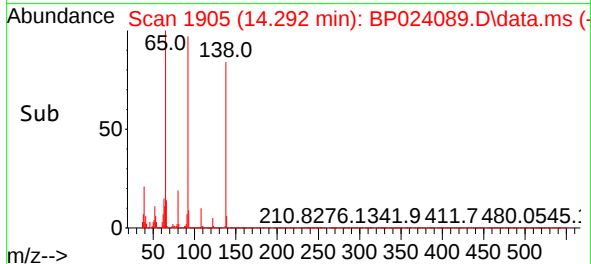
Instrument : BNA_P
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion:138 Resp: 111348
Ion Ratio Lower Upper
138 100
108 12.2 7.8 11.8
92 114.9 88.4 132.6

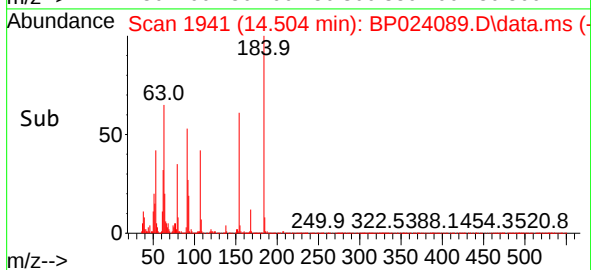
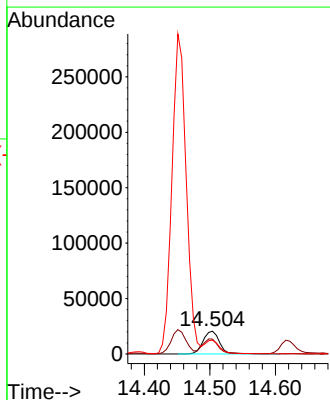
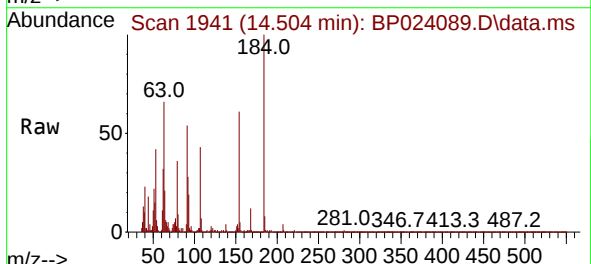
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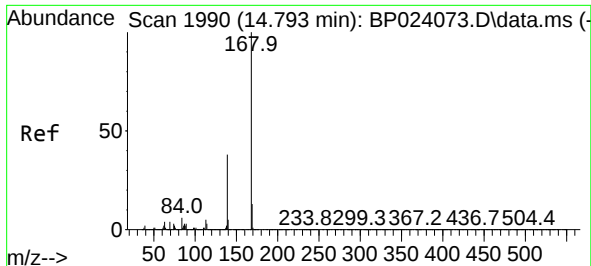
Reviewed By :Rahul Chavli 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#54
2,4-Dinitrophenol
Concen: 11.618 ng
RT: 14.504 min Scan# 1941
Delta R.T. 0.006 min
Lab File: BP024089.D
Acq: 18 Feb 2025 18:39

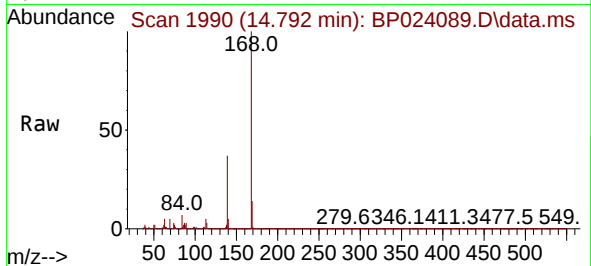
Tgt Ion:184 Resp: 36151
Ion Ratio Lower Upper
184 100
63 65.7 49.4 74.0
154 60.6 49.2 73.8





#55
Dibenzenofuran
Concen: 8.556 ng
RT: 14.792 min Scan# 1990
Delta R.T. -0.000 min
Lab File: BP024089.D
Acq: 18 Feb 2025 18:39

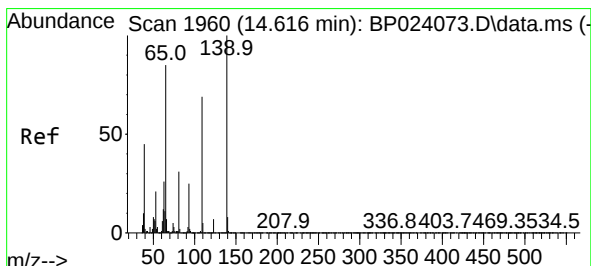
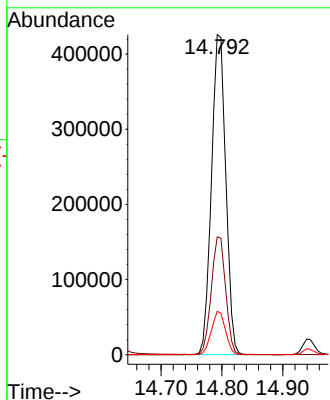
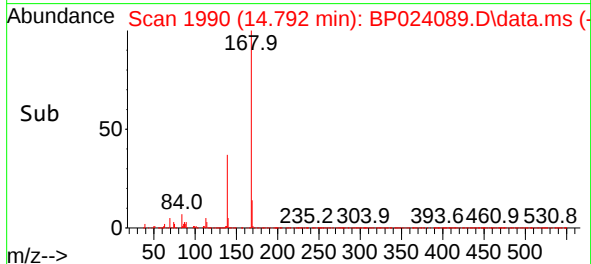
Instrument : BNA_P
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion:168 Resp: 69523
Ion Ratio Lower Upper
168 100
139 36.8 30.2 45.2
169 13.5 10.7 16.1

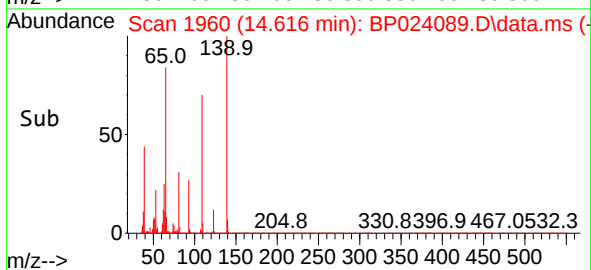
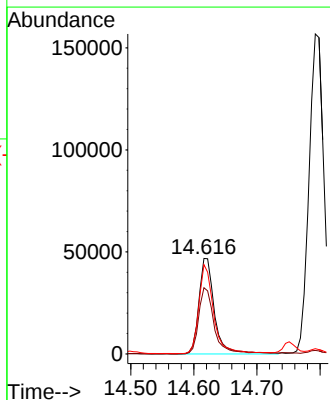
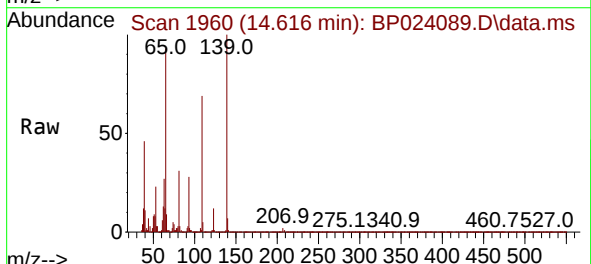
Manual Integrations
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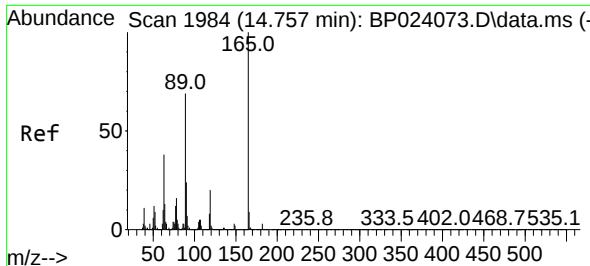
Reviewed By :Rahul Chavli 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#56
4-Nitrophenol
Concen: 6.719 ng
RT: 14.616 min Scan# 1960
Delta R.T. -0.000 min
Lab File: BP024089.D
Acq: 18 Feb 2025 18:39

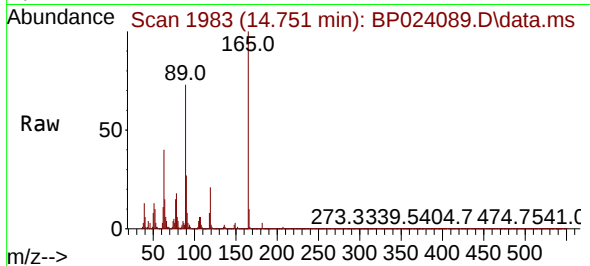
Tgt Ion:139 Resp: 79864
Ion Ratio Lower Upper
139 100
109 69.3 49.2 89.2
65 93.5 65.4 105.4





#57
2,4-Dinitrotoluene
Concen: 7.941 ng
RT: 14.751 min Scan# 1983
Delta R.T. -0.006 min
Lab File: BP024089.D
Acq: 18 Feb 2025 18:39

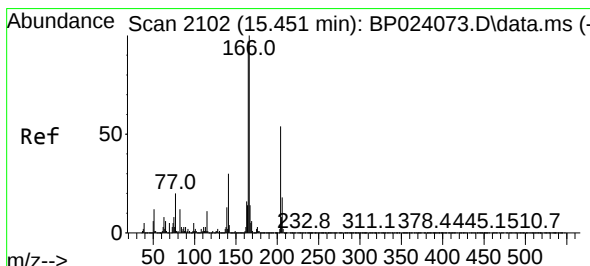
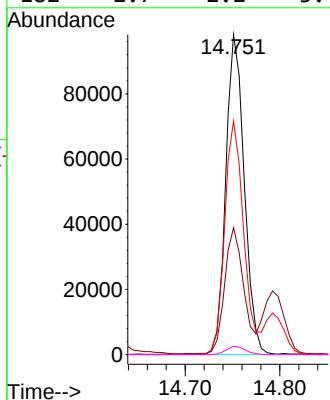
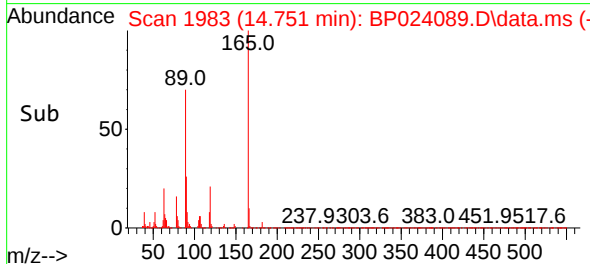
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion:165 Resp: 133029
Ion Ratio Lower Upper
165 100
63 39.7 30.4 45.6
89 73.0 54.8 82.2
182 2.7 2.2 3.4

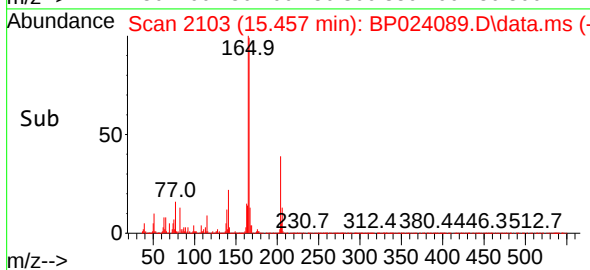
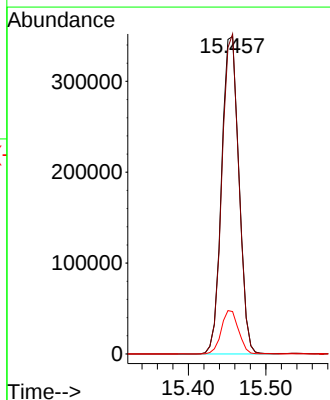
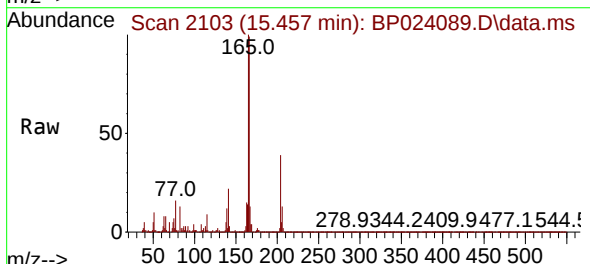
Manual Integrations
APPROVED

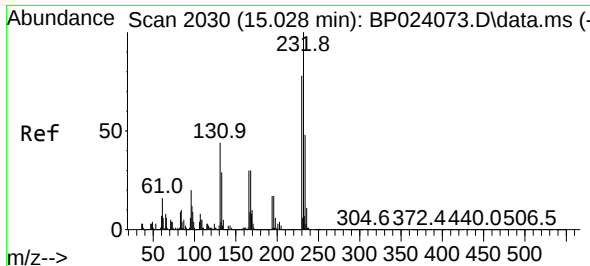
Reviewed By :Rahul Chavli 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#58
Fluorene
Concen: 8.553 ng
RT: 15.457 min Scan# 2103
Delta R.T. 0.006 min
Lab File: BP024089.D
Acq: 18 Feb 2025 18:39

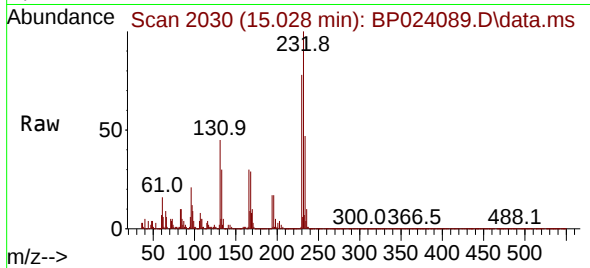
Tgt Ion:166 Resp: 542736
Ion Ratio Lower Upper
166 100
165 100.8 77.5 116.3
167 13.4 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 7.767 ng
RT: 15.028 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BP024089.D
Acq: 18 Feb 2025 18:39

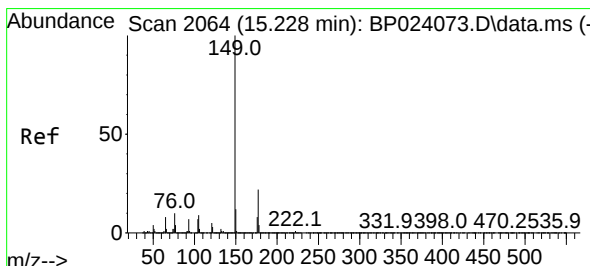
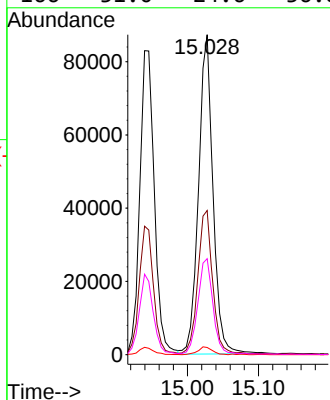
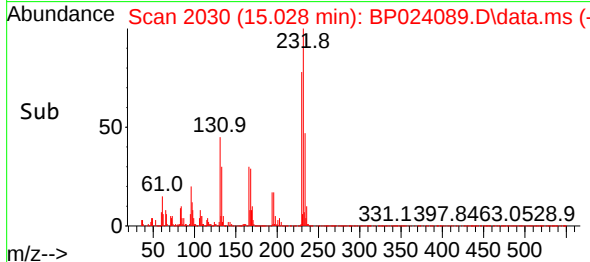
Instrument : BNA_P
ClientSampleId : LOQ-WATER-02-QT1-2025



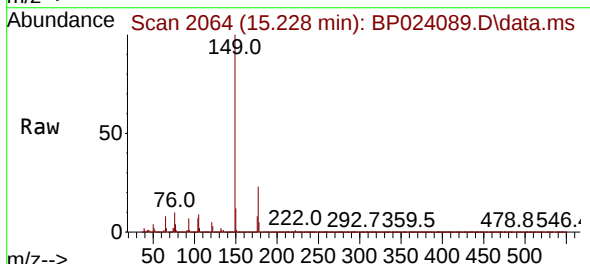
Tgt Ion:232 Resp: 12394
Ion Ratio Lower Upper
232 100
131 45.9 37.3 55.9
130 2.4 1.9 2.9
166 31.0 24.6 36.8

Manual Integrations
APPROVED

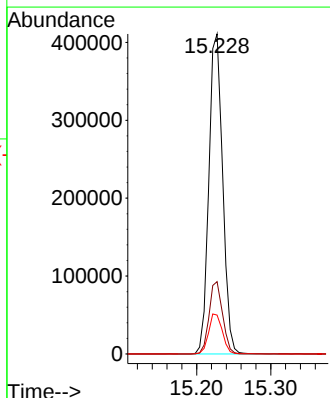
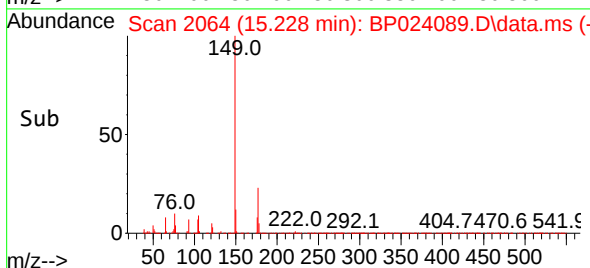
Reviewed By :Rahul Chavli 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025

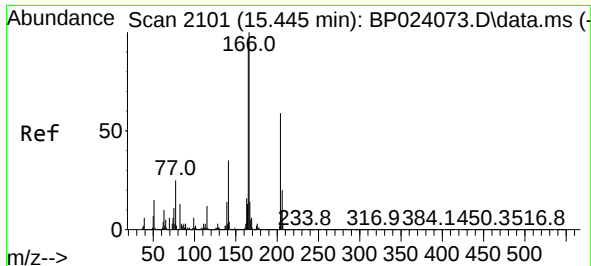


#60
Diethylphthalate
Concen: 8.432 ng
RT: 15.228 min Scan# 2064
Delta R.T. -0.000 min
Lab File: BP024089.D
Acq: 18 Feb 2025 18:39



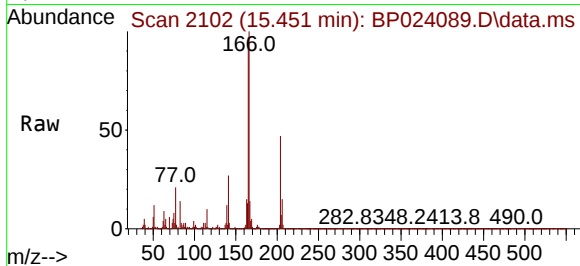
Tgt Ion:149 Resp: 529864
Ion Ratio Lower Upper
149 100
177 22.6 17.9 26.9
150 12.2 9.8 14.6





#61
4-Chlorophenyl-phenylether
Concen: 8.501 ng
RT: 15.451 min Scan# 2101
Delta R.T. 0.006 min
Lab File: BP024089.D
Acq: 18 Feb 2025 18:39

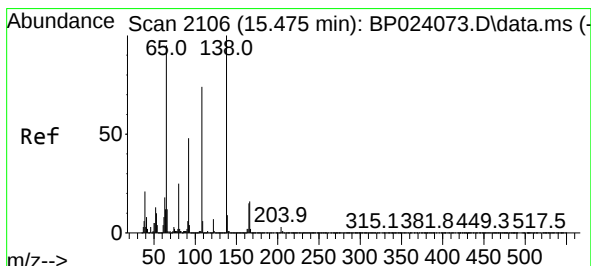
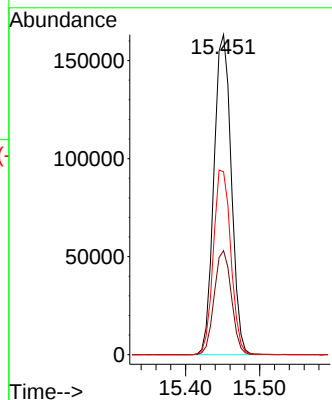
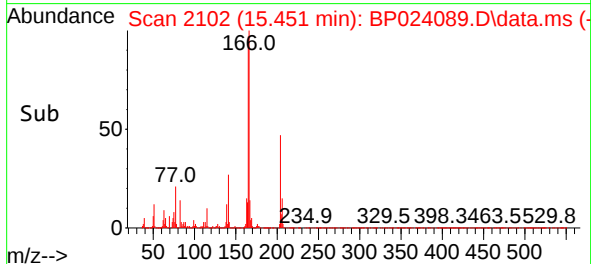
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion:204 Resp: 265519
Ion Ratio Lower Upper
204 100
206 32.5 26.6 39.8
141 57.1 47.8 71.6

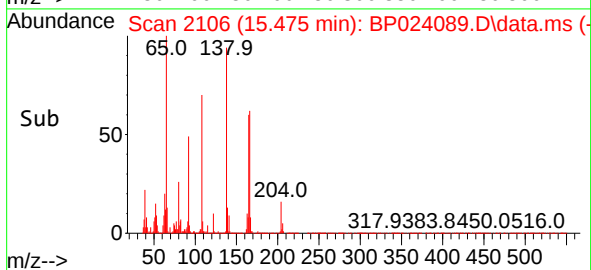
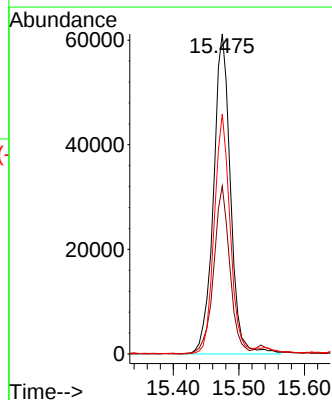
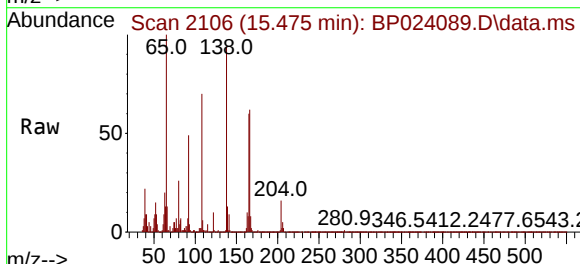
Manual Integrations
APPROVED

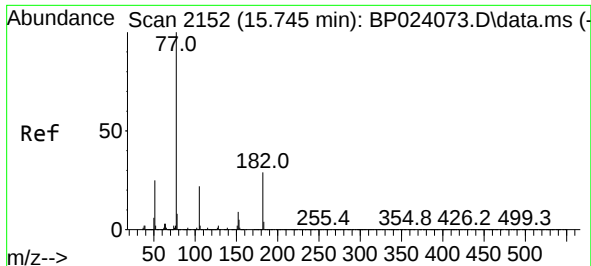
Reviewed By :Rahul Chavli 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#62
4-Nitroaniline
Concen: 9.570 ng
RT: 15.475 min Scan# 2106
Delta R.T. -0.000 min
Lab File: BP024089.D
Acq: 18 Feb 2025 18:39

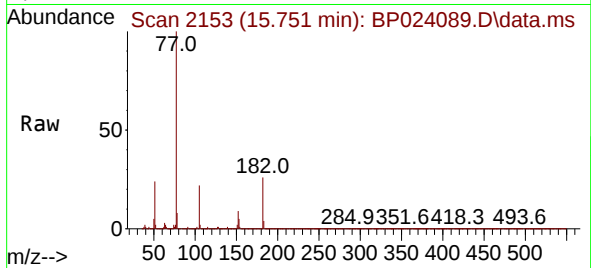
Tgt Ion:138 Resp: 109871
Ion Ratio Lower Upper
138 100
92 52.5 28.3 68.3
108 75.0 54.0 94.0





#63
Azobenzene
Concen: 8.511 ng
RT: 15.751 min Scan# 2153
Delta R.T. 0.006 min
Lab File: BP024089.D
Acq: 18 Feb 2025 18:39

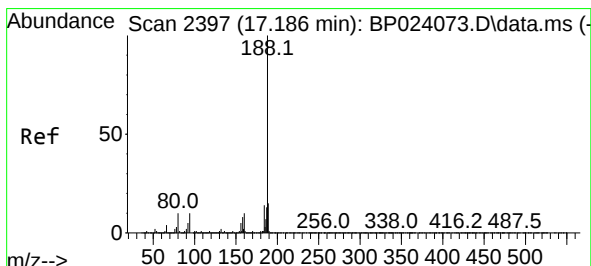
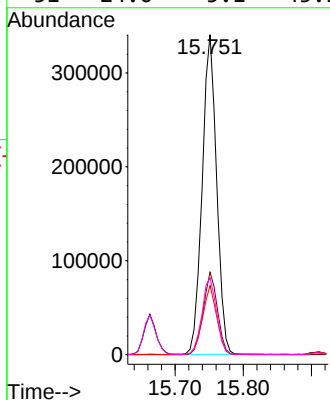
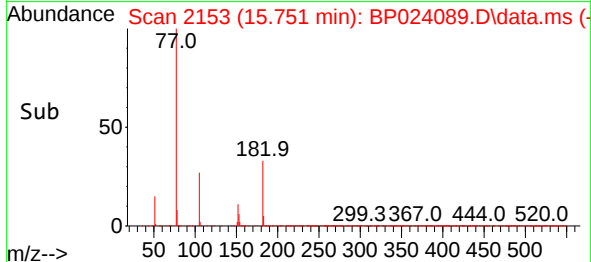
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT1-2025



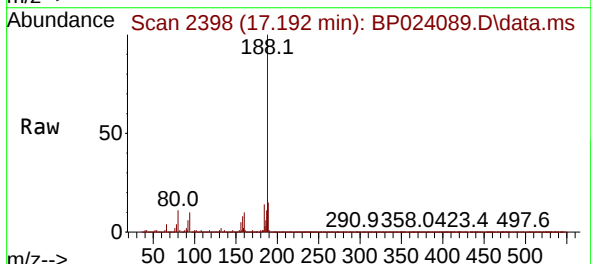
Tgt Ion: 77 Resp: 50122
Ion Ratio Lower Upper
77 100
182 25.8 8.5 48.5
105 21.6 1.8 41.8
51 24.0 5.1 45.1

Manual Integrations
APPROVED

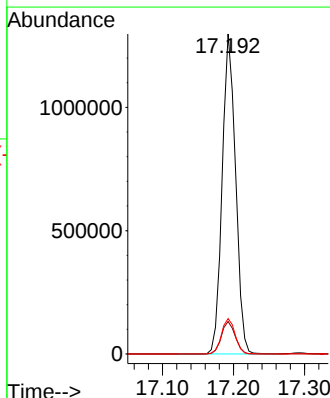
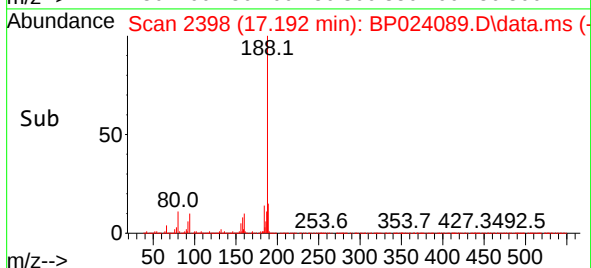
Reviewed By :Rahul Chavli 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025

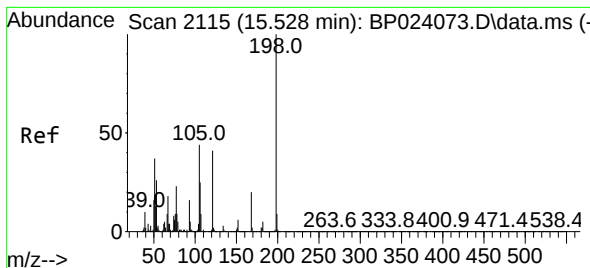


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.192 min Scan# 2398
Delta R.T. 0.006 min
Lab File: BP024089.D
Acq: 18 Feb 2025 18:39



Tgt Ion:188 Resp: 1693780
Ion Ratio Lower Upper
188 100
94 10.1 7.6 11.4
80 11.1 8.2 12.2





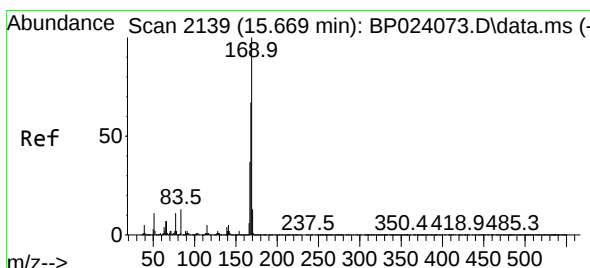
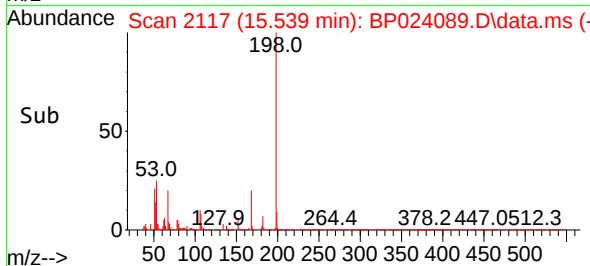
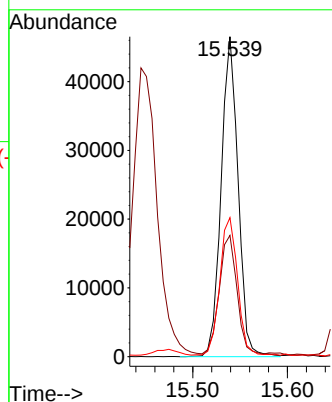
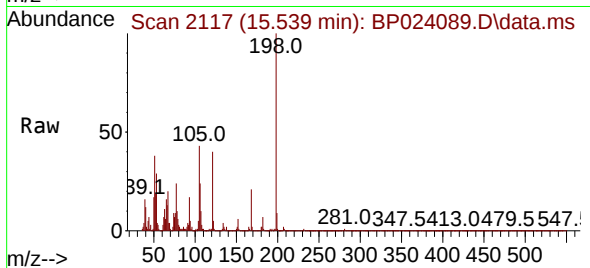
#65
4,6-Dinitro-2-methylphenol
Concen: 10.668 ng
RT: 15.539 min Scan# 2115
Delta R.T. 0.011 min
Lab File: BP024089.D
Acq: 18 Feb 2025 18:39

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

Tgt Ion:198 Resp: 5794
Ion Ratio Lower Upper
198 100
51 37.9 18.7 58.7
105 43.4 24.7 64.7

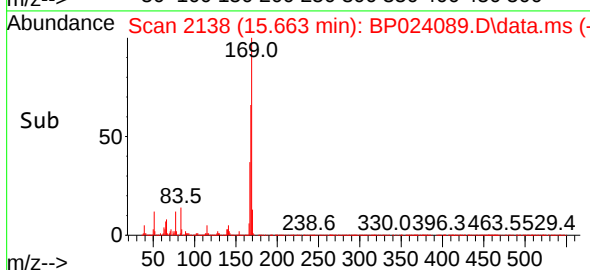
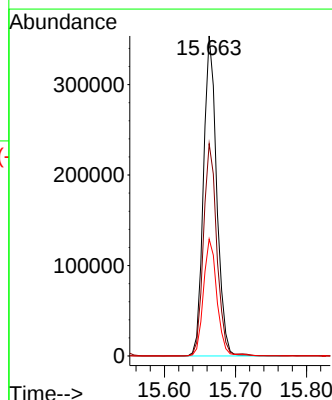
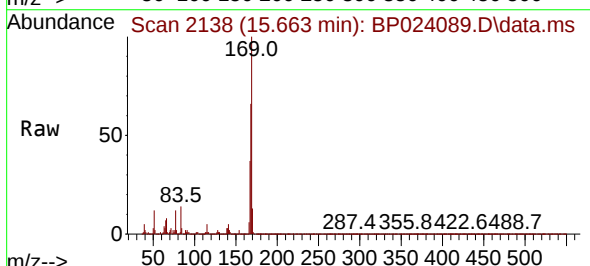
Manual Integrations
APPROVED

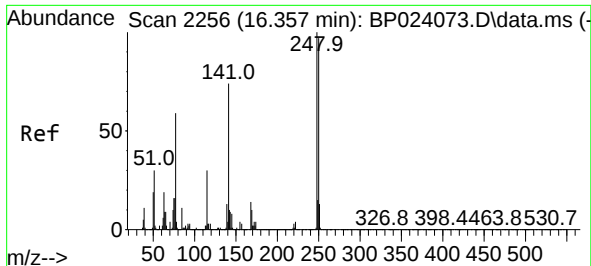
Reviewed By :Rahul Chavli 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#66
n-Nitrosodiphenylamine
Concen: 8.694 ng
RT: 15.663 min Scan# 2138
Delta R.T. -0.006 min
Lab File: BP024089.D
Acq: 18 Feb 2025 18:39

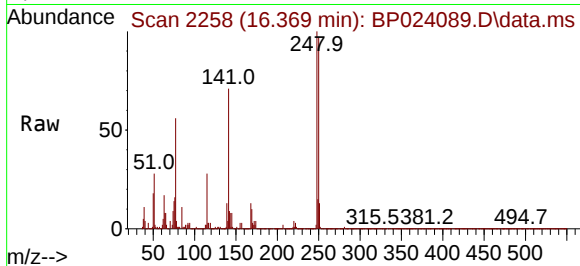
Tgt Ion:169 Resp: 459210
Ion Ratio Lower Upper
169 100
168 66.4 53.6 80.4
167 36.6 29.5 44.3





#67
4-Bromophenyl-phenylether
Concen: 8.339 ng
RT: 16.369 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP024089.D
Acq: 18 Feb 2025 18:39

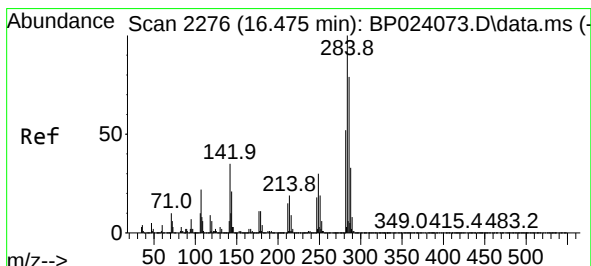
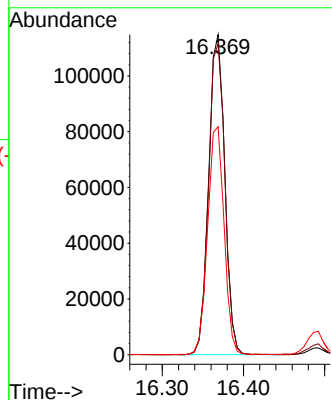
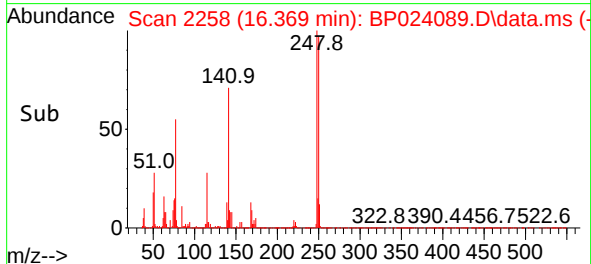
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion:248 Resp: 15861
Ion Ratio Lower Upper
248 100
250 97.2 77.9 116.9
141 71.3 58.8 88.2

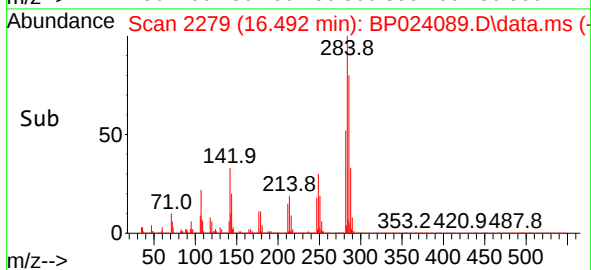
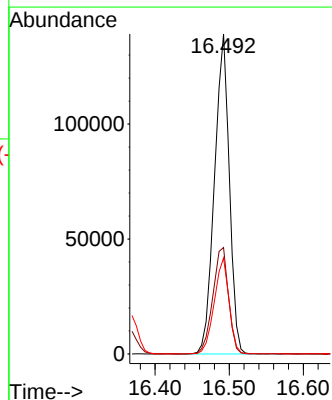
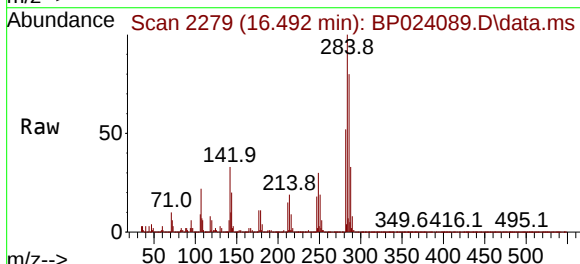
Manual Integrations
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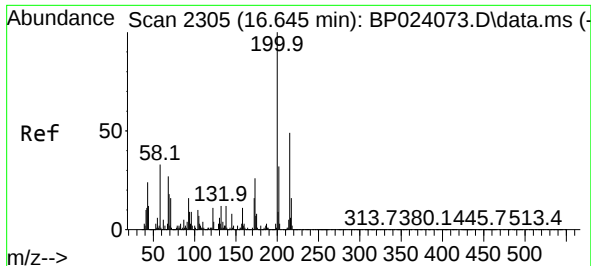
Reviewed By :Rahul Chavli 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#68
Hexachlorobenzene
Concen: 8.643 ng
RT: 16.492 min Scan# 2279
Delta R.T. 0.018 min
Lab File: BP024089.D
Acq: 18 Feb 2025 18:39

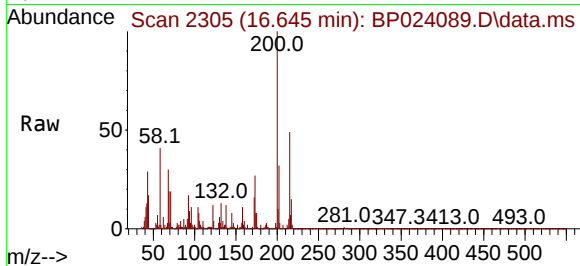
Tgt Ion:284 Resp: 193441
Ion Ratio Lower Upper
284 100
142 33.2 27.7 41.5
249 30.0 23.8 35.6





#69
Atrazine
Concen: 10.182 ng
RT: 16.645 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP024089.D
Acq: 18 Feb 2025 18:39

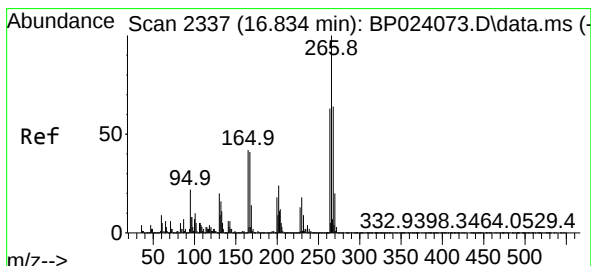
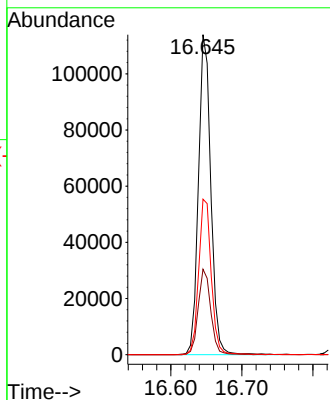
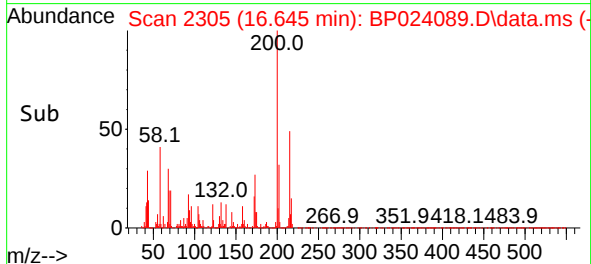
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT1-2025



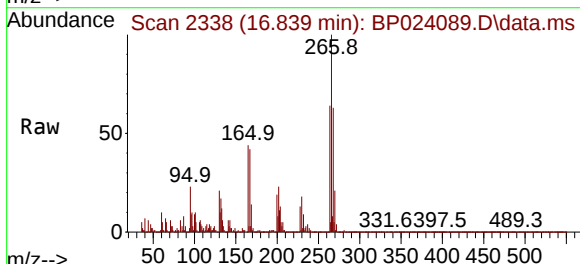
Tgt Ion:200 Resp: 13801
Ion Ratio Lower Upper
200 100
173 26.7 5.7 45.7
215 48.6 28.7 68.7

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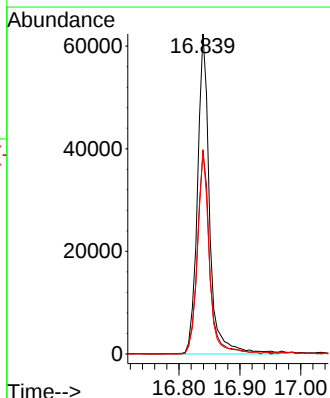
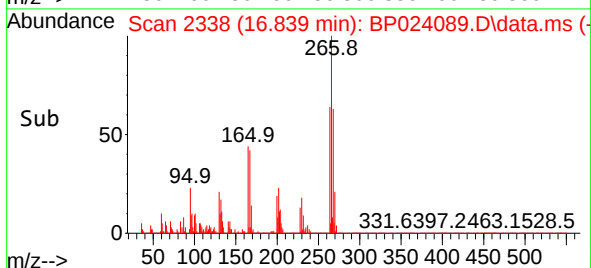
Reviewed By :Rahul Chavli 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025

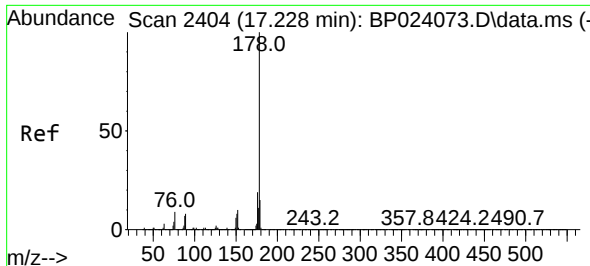


#70
Pentachlorophenol
Concen: 5.948 ng
RT: 16.839 min Scan# 2338
Delta R.T. 0.005 min
Lab File: BP024089.D
Acq: 18 Feb 2025 18:39



Tgt Ion:266 Resp: 86466
Ion Ratio Lower Upper
266 100
268 63.2 51.3 76.9
264 63.8 50.5 75.7





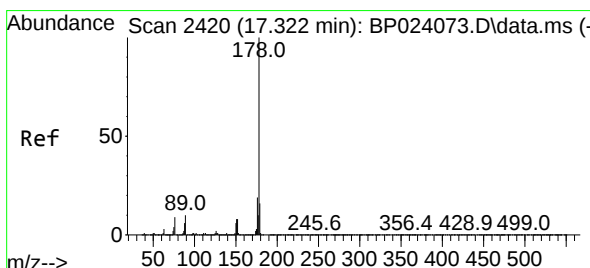
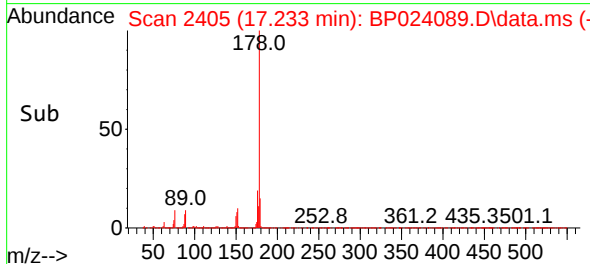
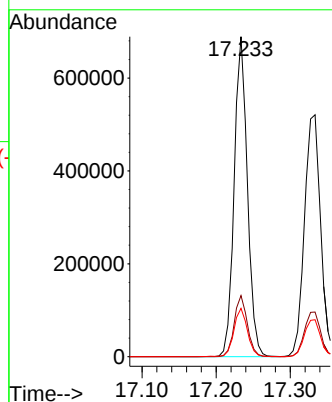
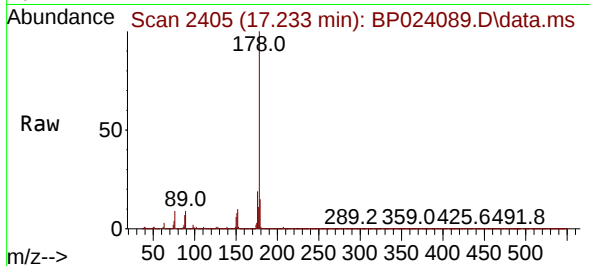
#71
Phenanthrene
Concen: 8.927 ng
RT: 17.233 min Scan# 2404
Delta R.T. 0.006 min
Lab File: BP024089.D
Acq: 18 Feb 2025 18:39

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

Tgt Ion:178 Resp: 852464
Ion Ratio Lower Upper
178 100
176 19.1 15.5 23.3
179 15.1 12.4 18.6

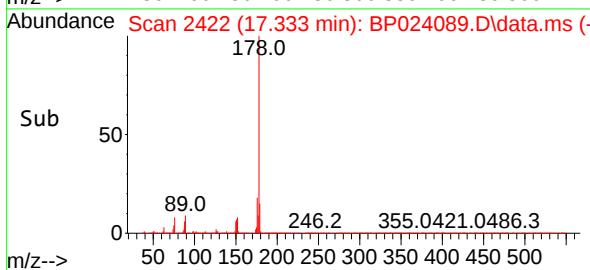
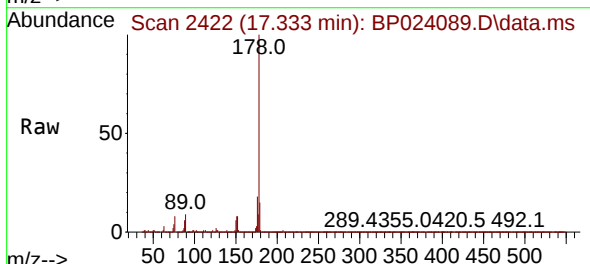
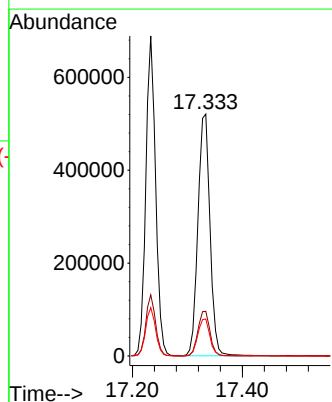
Manual Integrations
APPROVED

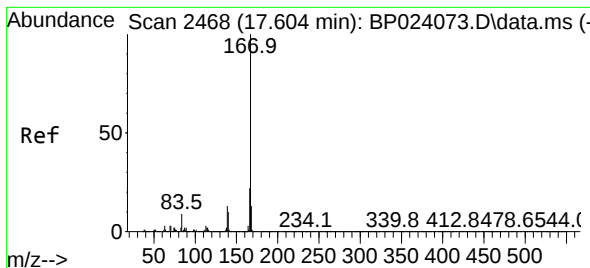
Reviewed By :Rahul Chavli 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#72
Anthracene
Concen: 8.677 ng
RT: 17.333 min Scan# 2422
Delta R.T. 0.012 min
Lab File: BP024089.D
Acq: 18 Feb 2025 18:39

Tgt Ion:178 Resp: 794059
Ion Ratio Lower Upper
178 100
176 18.5 15.4 23.0
179 15.3 12.6 19.0





#73

Carbazole

Concen: 8.455 ng

RT: 17.610 min Scan# 2468

Delta R.T. 0.006 min

Lab File: BP024089.D

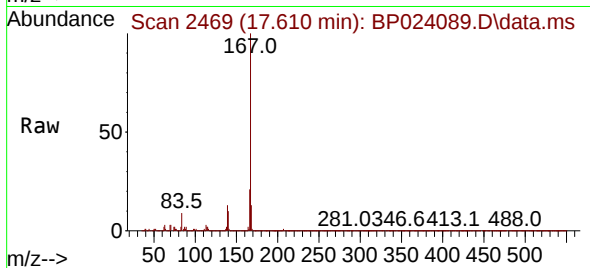
Acq: 18 Feb 2025 18:39

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT1-2025



Tgt Ion:167 Resp: 737159

Ion Ratio Lower Upper

167 100

166 21.3 17.3 25.9

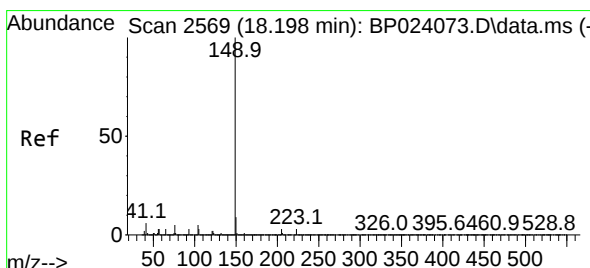
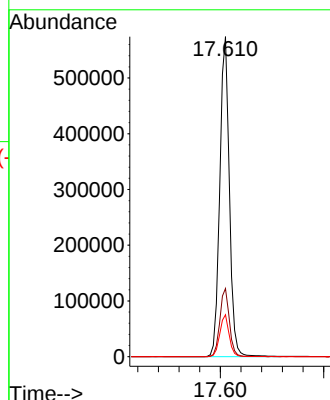
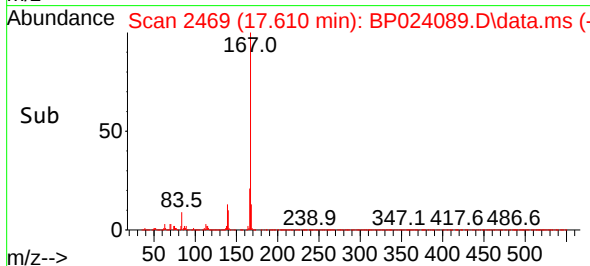
139 13.1 10.3 15.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 02/20/2025

Supervised By :Jagrut Upadhyay 02/20/2025



#74

Di-n-butylphthalate

Concen: 7.906 ng

RT: 18.210 min Scan# 2571

Delta R.T. 0.012 min

Lab File: BP024089.D

Acq: 18 Feb 2025 18:39

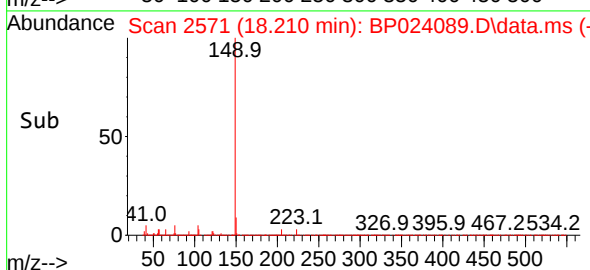
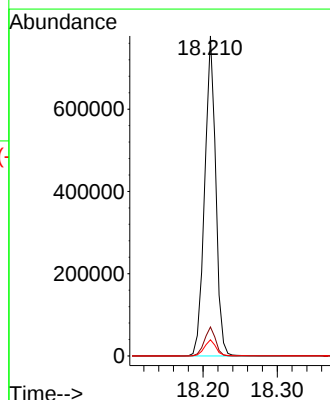
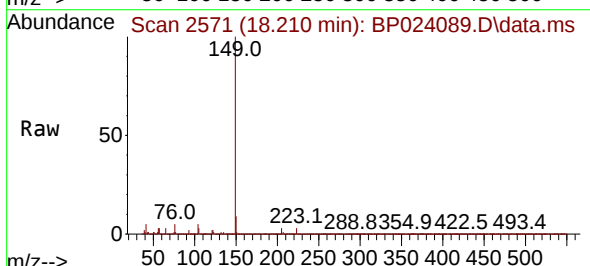
Tgt Ion:149 Resp: 804350

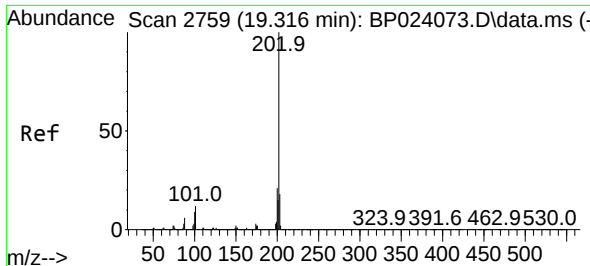
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.2

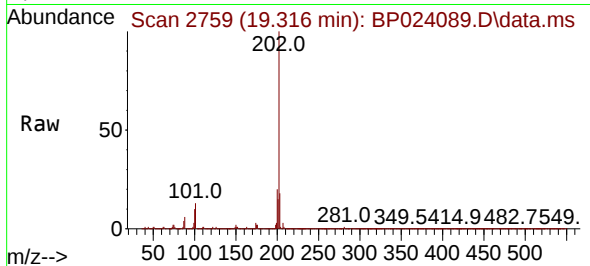
104 5.1 4.2 6.2





#75
Fluoranthene
Concen: 8.262 ng
RT: 19.316 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP024089.D
Acq: 18 Feb 2025 18:39

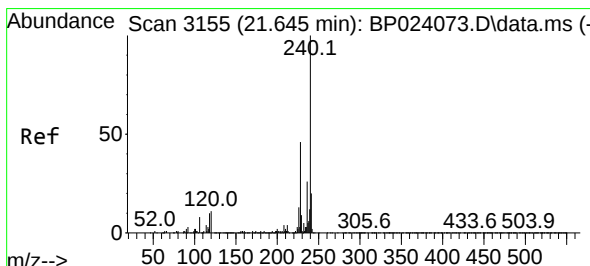
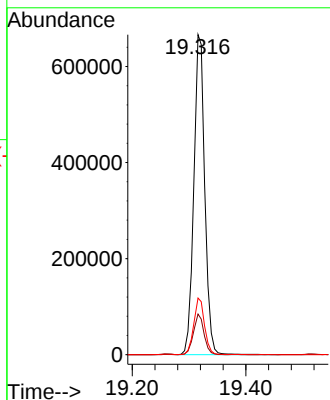
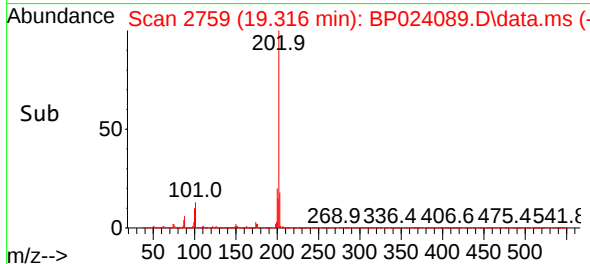
Instrument : BNA_P
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion:202 Resp: 892364
Ion Ratio Lower Upper
202 100
101 12.7 0.0 31.9
203 17.7 0.0 37.7

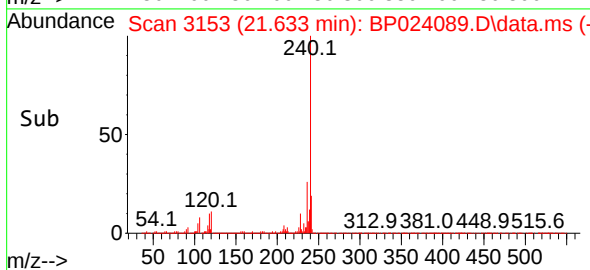
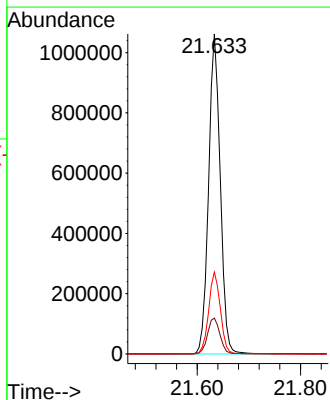
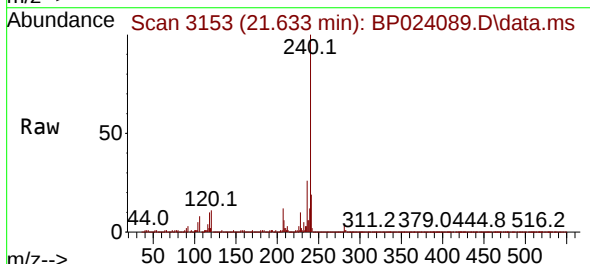
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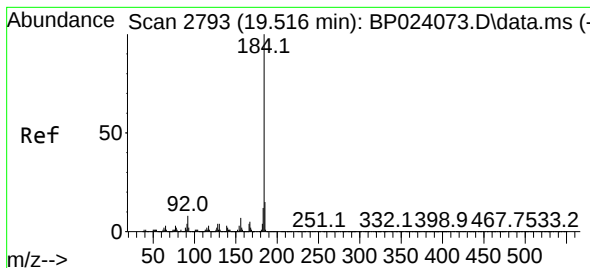
Reviewed By :Rahul Chavli 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.633 min Scan# 3153
Delta R.T. -0.012 min
Lab File: BP024089.D
Acq: 18 Feb 2025 18:39

Tgt Ion:240 Resp: 1659091
Ion Ratio Lower Upper
240 100
120 11.2 8.9 13.3
236 25.6 20.7 31.1





#77

Benzidine

Concen: 16.855 ng

RT: 19.516 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP024089.D

Acq: 18 Feb 2025 18:39

Instrument :

BNA_P

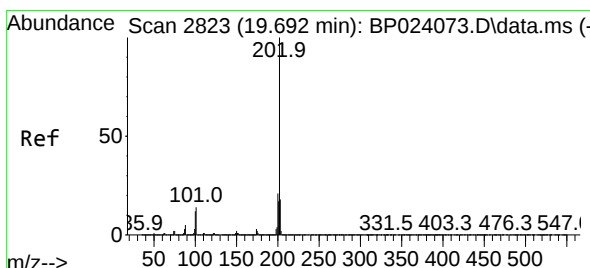
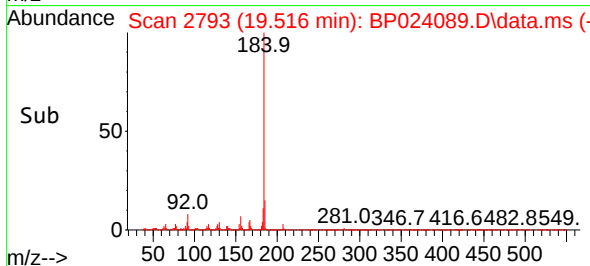
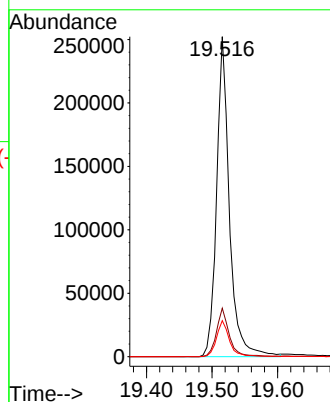
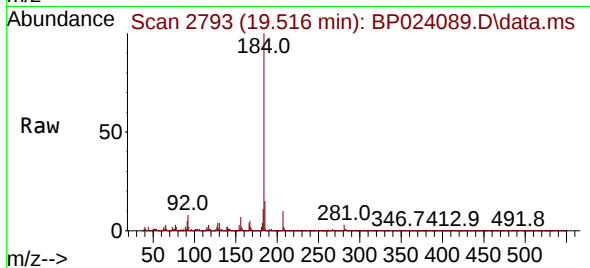
ClientSampleId :

LOQ-WATER-02-QT1-2025

Tgt Ion:184 Resp: 34075
 Ion Ratio Lower Upper
 184 100
 185 15.1 11.8 17.8
 183 11.3 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: 9.039 ng

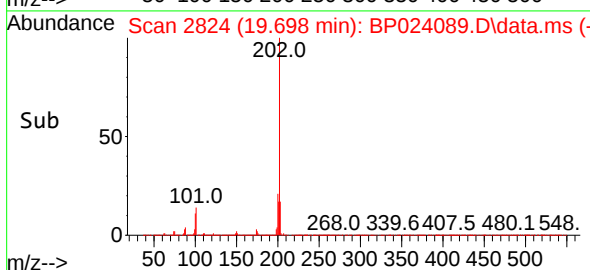
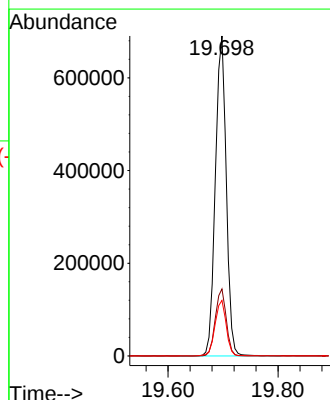
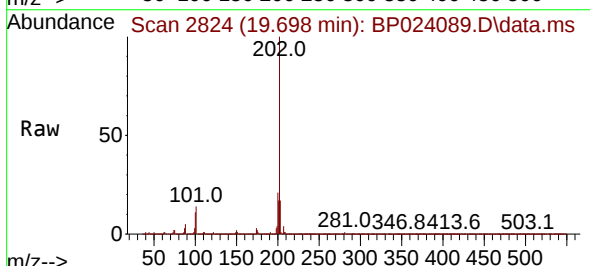
RT: 19.698 min Scan# 2824

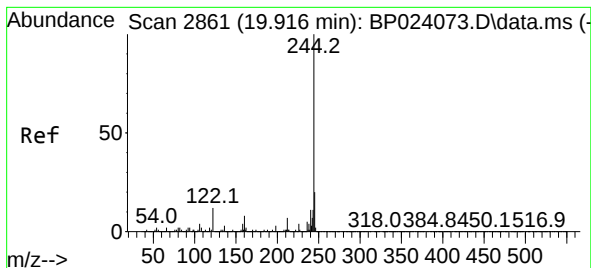
Delta R.T. 0.006 min

Lab File: BP024089.D

Acq: 18 Feb 2025 18:39

Tgt Ion:202 Resp: 952582
 Ion Ratio Lower Upper
 202 100
 200 20.9 17.2 25.8
 203 17.4 14.4 21.6





#79

Terphenyl-d14

Concen: 62.706 ng

RT: 19.922 min Scan# 2862

Delta R.T. 0.006 min

Lab File: BP024089.D

Acq: 18 Feb 2025 18:39

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT1-2025

Tgt Ion:244 Resp: 525764

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

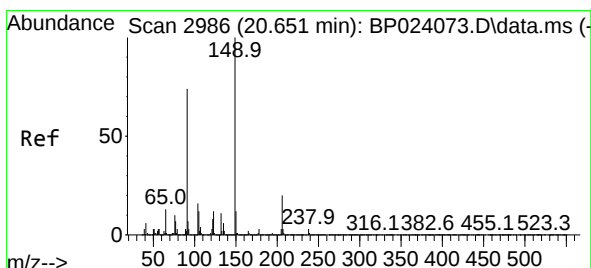
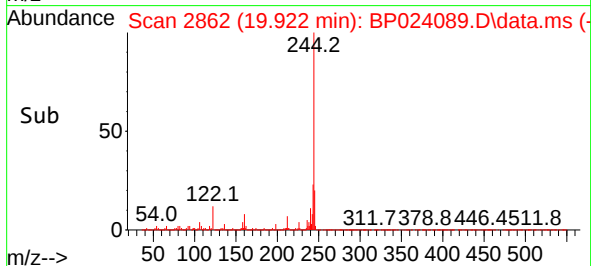
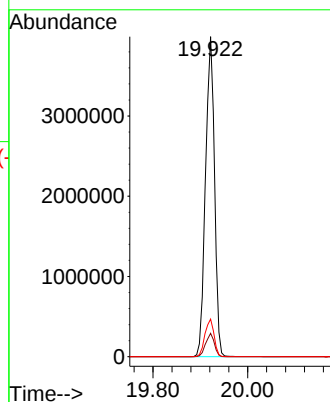
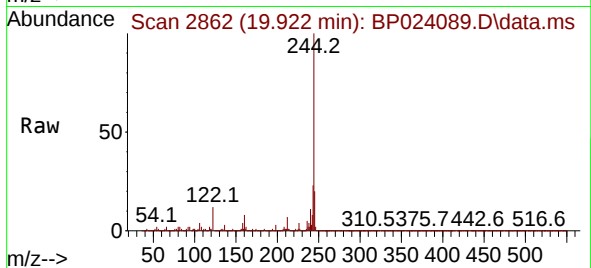
122 11.8 9.4 14.2

Manual Integrations

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Reviewed By :Rahul Chavli 02/20/2025

Supervised By :Jagrut Upadhyay 02/20/2025



#80

Butylbenzylphthalate

Concen: 7.474 ng

RT: 20.651 min Scan# 2986

Delta R.T. -0.000 min

Lab File: BP024089.D

Acq: 18 Feb 2025 18:39

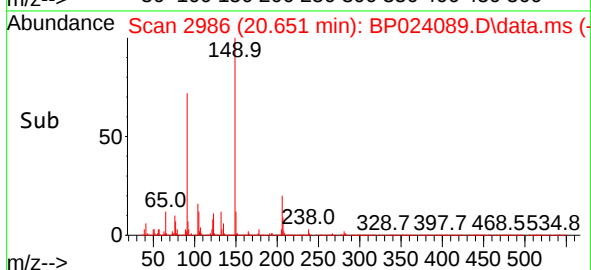
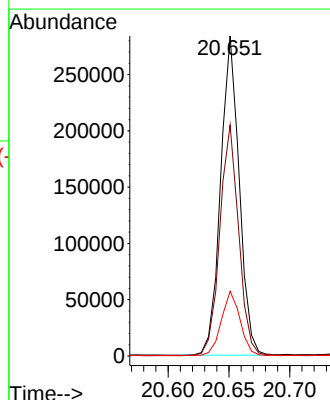
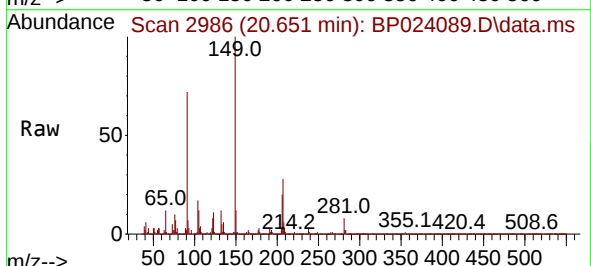
Tgt Ion:149 Resp: 301822

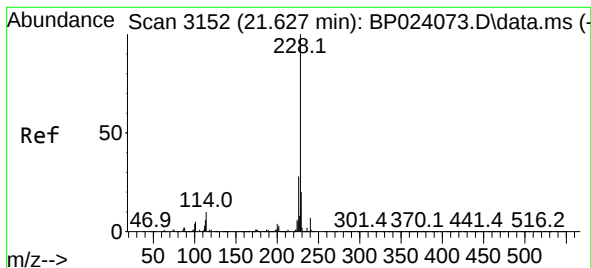
Ion Ratio Lower Upper

149 100

91 72.2 59.4 89.0

206 20.2 16.2 24.2





#81

Benzo(a)anthracene

Concen: 8.714 ng

RT: 21.610 min Scan# 3149

Delta R.T. -0.018 min

Lab File: BP024089.D

Acq: 18 Feb 2025 18:39

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT1-2025

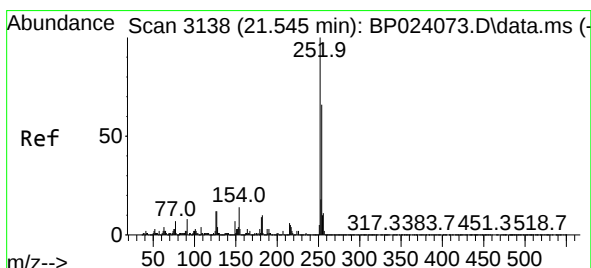
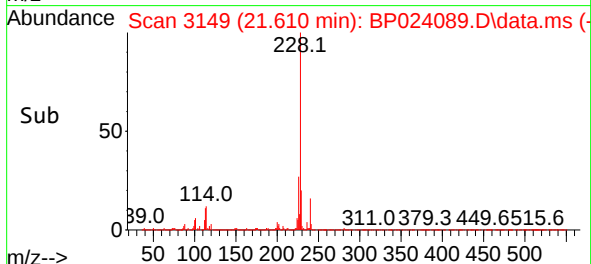
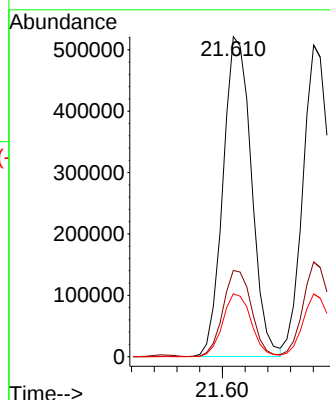
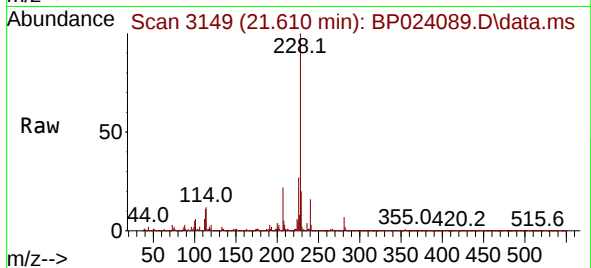
Tgt Ion:228 Resp: 906519
 Ion Ratio Lower Upper
 228 100
 226 27.0 22.2 33.4
 229 19.7 15.8 23.8

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: 8.026 ng

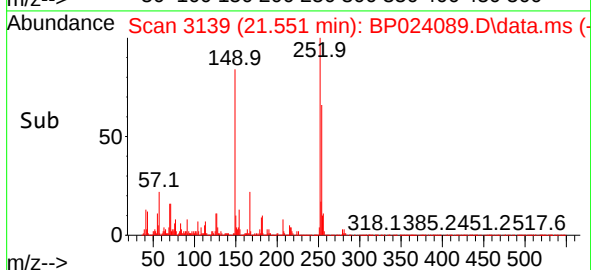
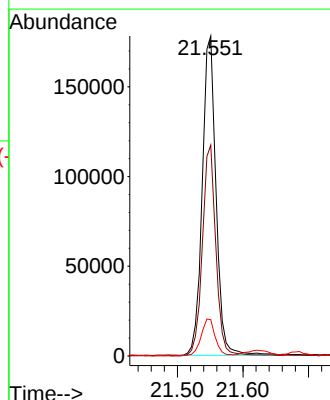
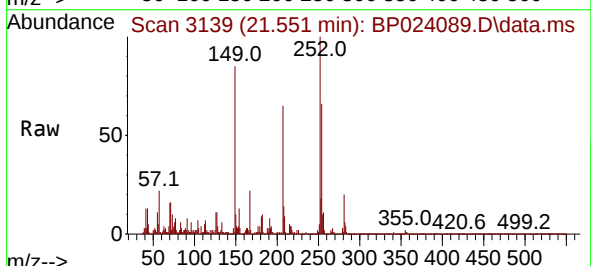
RT: 21.551 min Scan# 3139

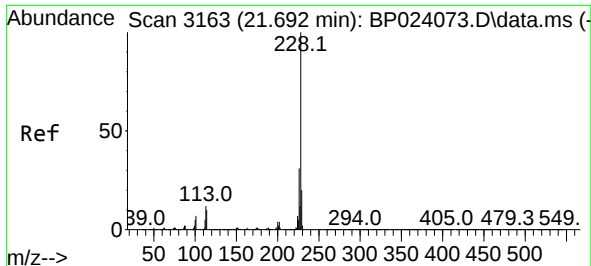
Delta R.T. 0.006 min

Lab File: BP024089.D

Acq: 18 Feb 2025 18:39

Tgt Ion:252 Resp: 260908
 Ion Ratio Lower Upper
 252 100
 254 65.9 52.4 78.6
 126 11.4 9.6 14.4





#83

Chrysene

Concen: 8.688 ng

RT: 21.680 min Scan# 3161

Delta R.T. -0.012 min

Lab File: BP024089.D

Acq: 18 Feb 2025 18:39

Instrument :

BNA_P

ClientSampleId :

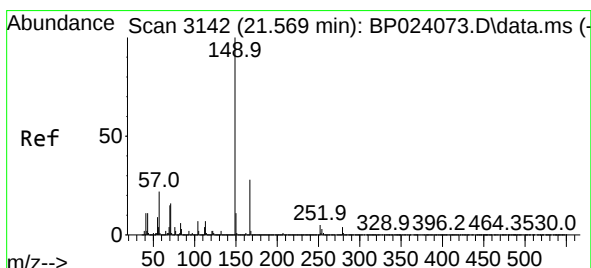
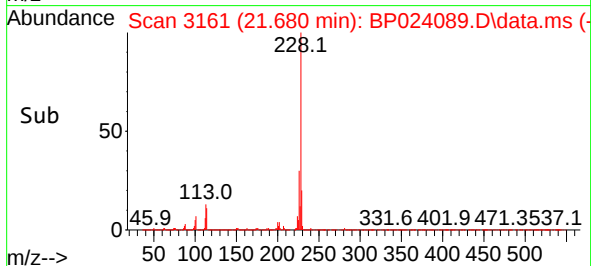
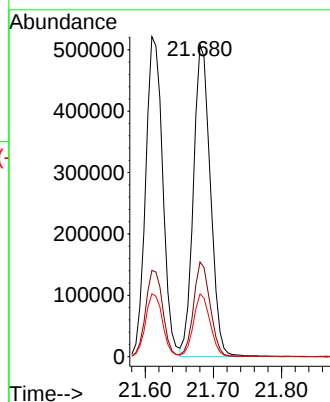
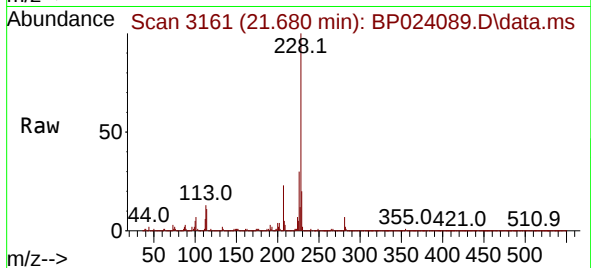
LOQ-WATER-02-QT1-2025

Tgt Ion:	228	Resp:	871519
Ion Ratio	Lower	Upper	
228	100		
226	30.4	24.5	36.7
229	20.1	16.1	24.1

Manual Integrations
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Reviewed By :Rahul Chavli 02/20/2025

Supervised By :Jagrut Upadhyay 02/20/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 7.360 ng

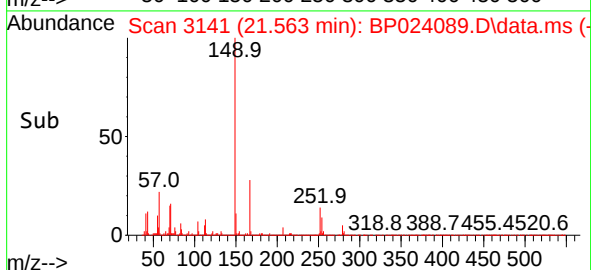
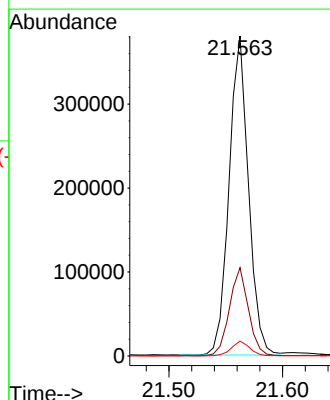
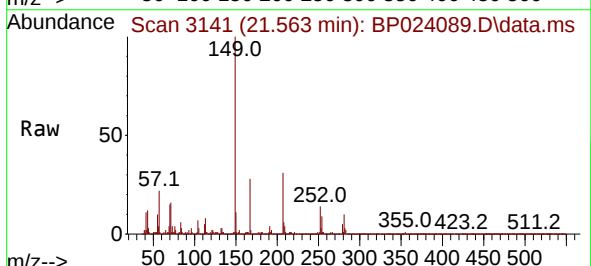
RT: 21.563 min Scan# 3141

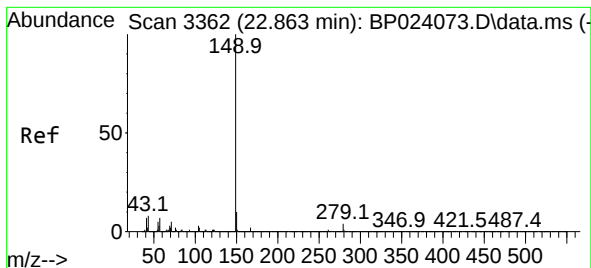
Delta R.T. -0.006 min

Lab File: BP024089.D

Acq: 18 Feb 2025 18:39

Tgt Ion:	149	Resp:	450725
Ion Ratio	Lower	Upper	
149	100		
167	27.6	22.2	33.2
279	4.7	3.6	5.4





#85

Di-n-octyl phthalate

Concen: 6.114 ng

RT: 22.851 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP024089.D

Acq: 18 Feb 2025 18:39

Instrument :

BNA_P

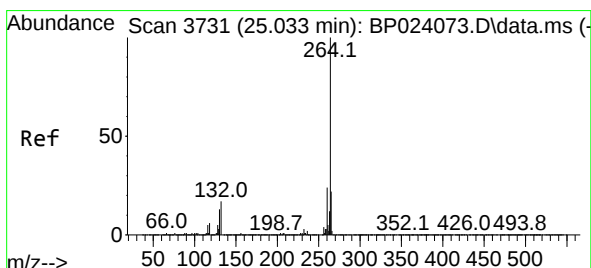
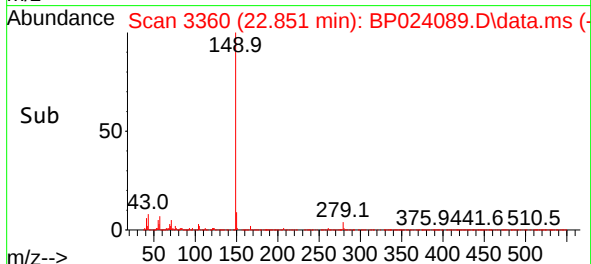
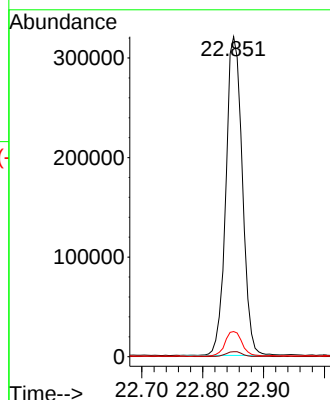
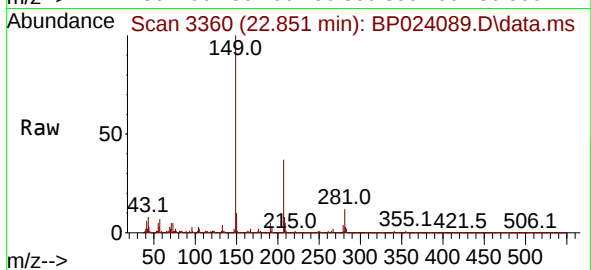
ClientSampleId :

LOQ-WATER-02-QT1-2025

Tgt Ion:	149	Resp:	598484
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.3	1.9
43	8.1	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

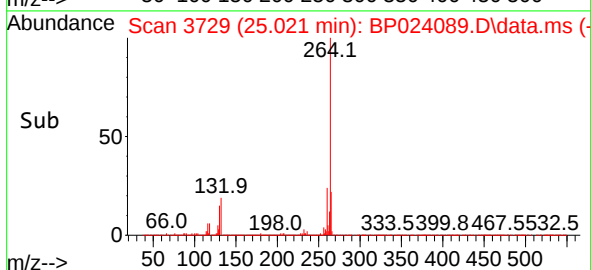
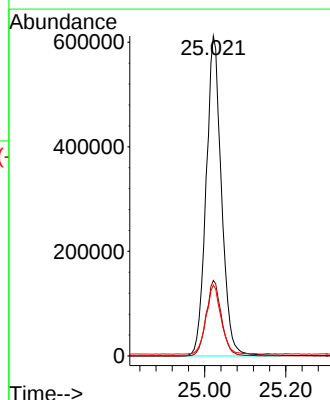
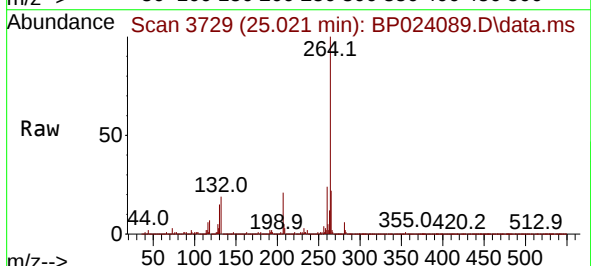
RT: 25.021 min Scan# 3729

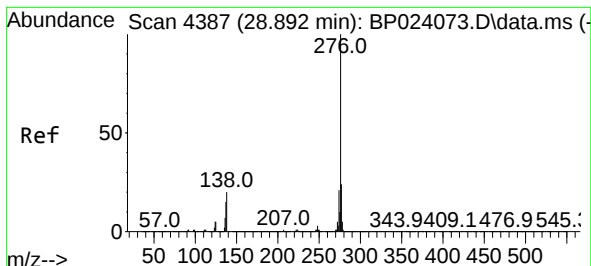
Delta R.T. -0.012 min

Lab File: BP024089.D

Acq: 18 Feb 2025 18:39

Tgt Ion:	264	Resp:	1598865
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: 8.028 ng m

RT: 28.833 min Scan# 41

Delta R.T. -0.059 min

Lab File: BP024089.D

Acq: 18 Feb 2025 18:39

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT1-2025

Tgt Ion:276 Resp: 91314

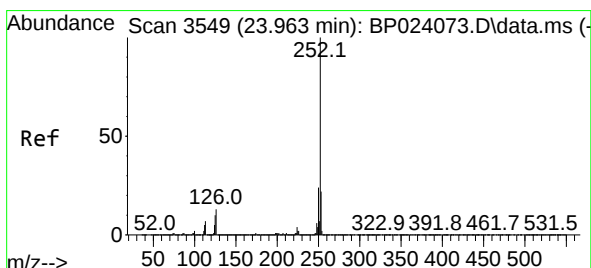
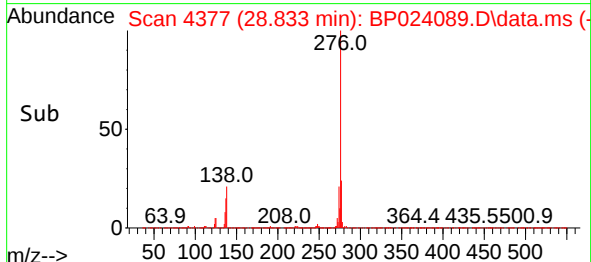
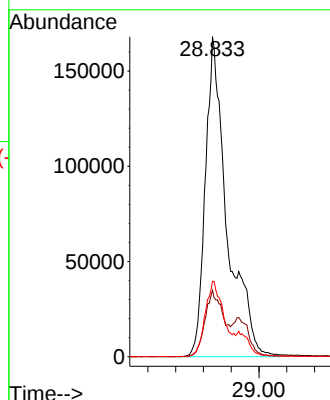
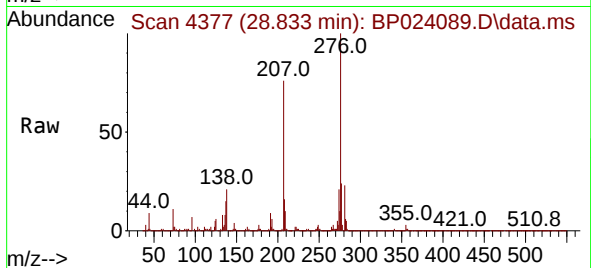
Ion	Ratio	Lower	Upper
276	100		
138	17.7	14.2	21.4
277	20.5	16.2	24.4

Manual Integrations

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Reviewed By :Rahul Chavli 02/20/2025

Supervised By :Jagrut Upadhyay 02/20/2025



#88

Benzo(b)fluoranthene

Concen: 8.075 ng

RT: 23.933 min Scan# 3544

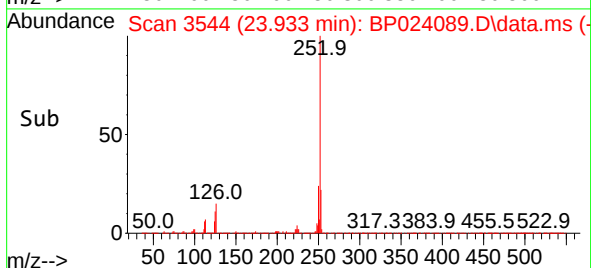
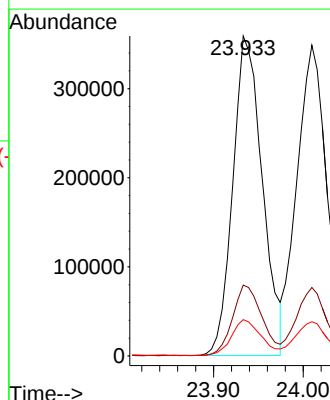
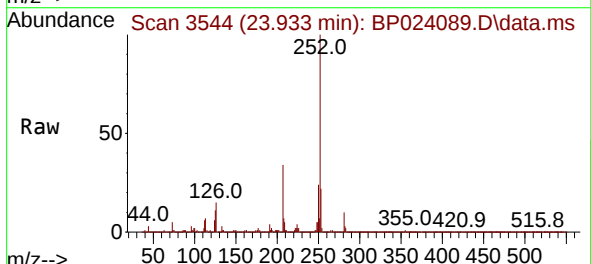
Delta R.T. -0.030 min

Lab File: BP024089.D

Acq: 18 Feb 2025 18:39

Tgt Ion:252 Resp: 819831

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	11.4	8.4	12.6





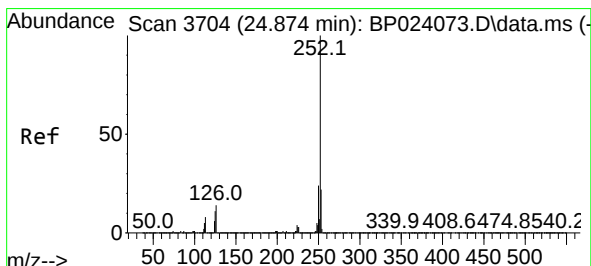
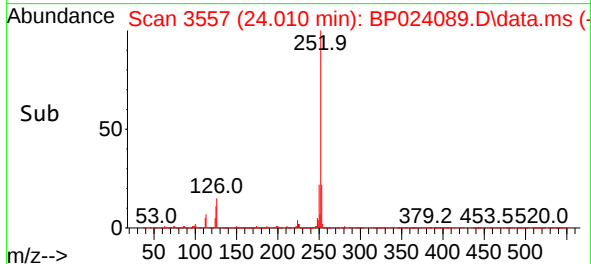
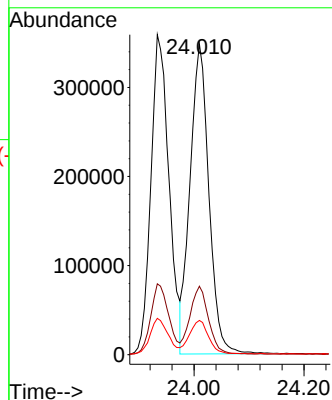
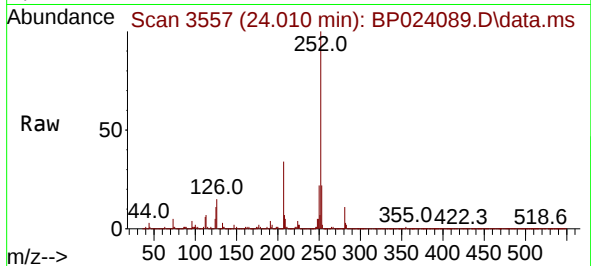
#89
Benzo(k)fluoranthene
Concen: 8.362 ng
RT: 24.010 min Scan# 3557
Delta R.T. -0.024 min
Lab File: BP024089.D
Acq: 18 Feb 2025 18:39

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

Tgt Ion:252 Resp: 826419
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.6
125 11.0 8.1 12.1

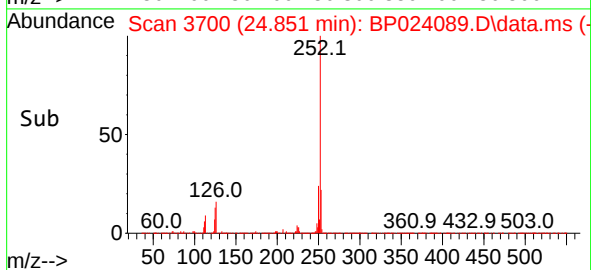
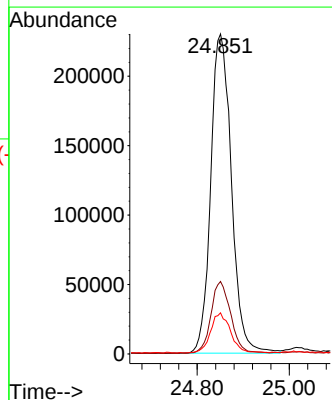
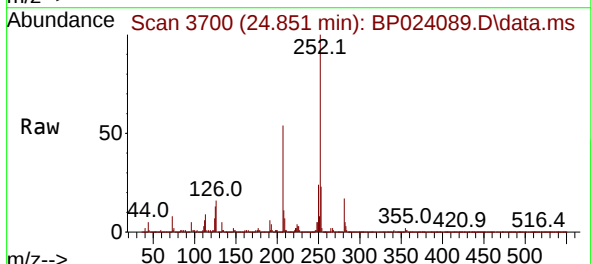
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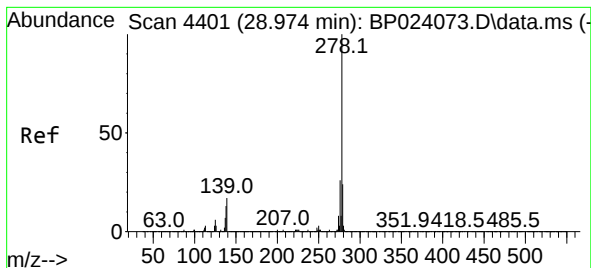
Reviewed By :Rahul Chavli 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#90
Benzo(a)pyrene
Concen: 8.321 ng
RT: 24.851 min Scan# 3700
Delta R.T. -0.024 min
Lab File: BP024089.D
Acq: 18 Feb 2025 18:39

Tgt Ion:252 Resp: 716984
Ion Ratio Lower Upper
252 100
253 22.6 17.6 26.4
125 12.9 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 7.933 ng

RT: 28.927 min Scan# 41

Delta R.T. -0.047 min

Lab File: BP024089.D

Acq: 18 Feb 2025 18:39

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT1-2025

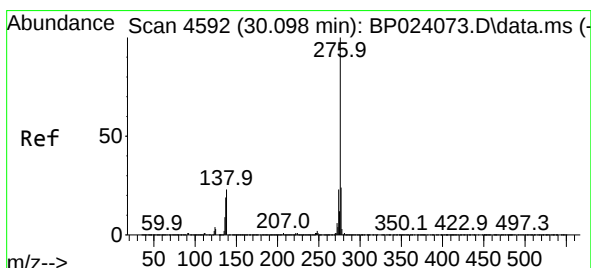
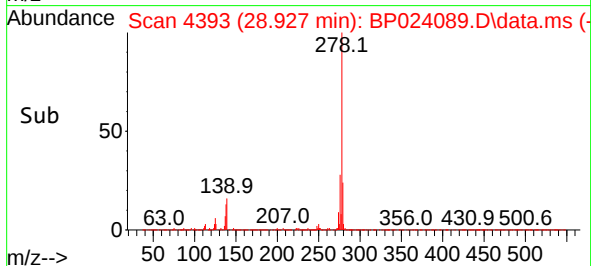
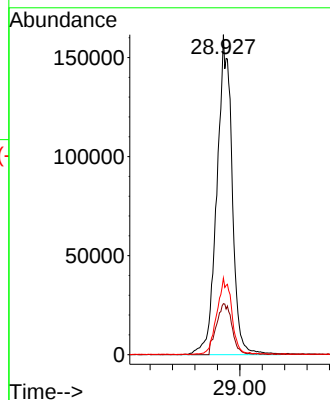
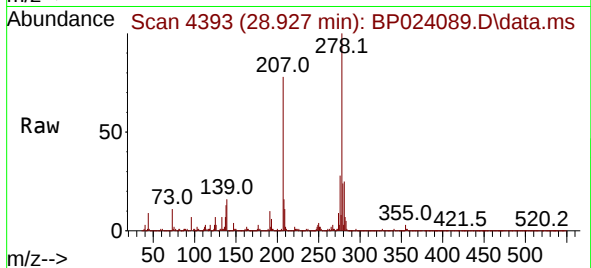
Tgt Ion:	278	Resp:	75873
Ion Ratio	Lower	Upper	
278	100		
139	16.0	13.4	20.0
279	23.9	19.0	28.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 02/20/2025

Supervised By :Jagrut Upadhyay 02/20/2025



#92

Benzo(g,h,i)perylene

Concen: 7.300 ng

RT: 30.015 min Scan# 4578

Delta R.T. -0.082 min

Lab File: BP024089.D

Acq: 18 Feb 2025 18:39

Tgt Ion:	276	Resp:	708420
Ion Ratio	Lower	Upper	
276	100		
277	23.7	18.9	28.3
138	22.4	18.1	27.1

