

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021825\
 Data File : BP024087.D
 Acq On : 18 Feb 2025 17:17
 Operator : RC/JU
 Sample : Q1168-08
 Misc : LOQ-WATER 10PPM
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Feb 19 01:12:16 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	7.763	152	355186	20.000	ng	0.00
21) Naphthalene-d8	10.539	136	1516907	20.000	ng	0.00
39) Acenaphthene-d10	14.392	164	906005	20.000	ng	0.00
64) Phenanthrene-d10	17.186	188	1653416	20.000	ng	0.00
76) Chrysene-d12	21.639	240	1533758	20.000	ng	0.00
86) Perylene-d12	25.015	264	1336490	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	1799236	79.042	ng	0.00
7) Phenol-d6	6.945	99	2583949	88.320	ng	0.00
23) Nitrobenzene-d5	8.910	82	2272056	83.562	ng	0.00
42) 2,4,6-Tribromophenol	15.898	330	956498	86.190	ng	0.00
45) 2-Fluorobiphenyl	13.004	172	5396080	83.264	ng	0.00
79) Terphenyl-d14	19.909	244	7004637	90.369	ng	0.00
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.616	42	93880	11.400	ng	# 90
9) Benzaldehyde	6.910	77	243553m	18.234	ng	
15) Benzyl Alcohol	7.998	79	225274	12.579	ng	97
20) 3+4-Methylphenols	8.528	107	303615	12.449	ng	100
32) Benzoic acid	9.810	122	117996	13.353	ng	97
35) Caprolactam	11.469	113	68230	13.681	ng	97
41) Hexachlorocyclopentadiene	12.557	237	149382	14.421	ng	99
54) 2,4-Dinitrophenol	14.504	184	52218	13.272	ng	98
56) 4-Nitrophenol	14.616	139	109699	9.142	ng	92
65) 4,6-Dinitro-2-methylph...	15.533	198	81258	12.702	ng	98
70) Pentachlorophenol	16.827	266	118202	8.330	ng	98
77) Benzidine	19.509	184	441499	23.623	ng	99
85) Di-n-octyl phthalate	22.850	149	737912	8.155	ng	98

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

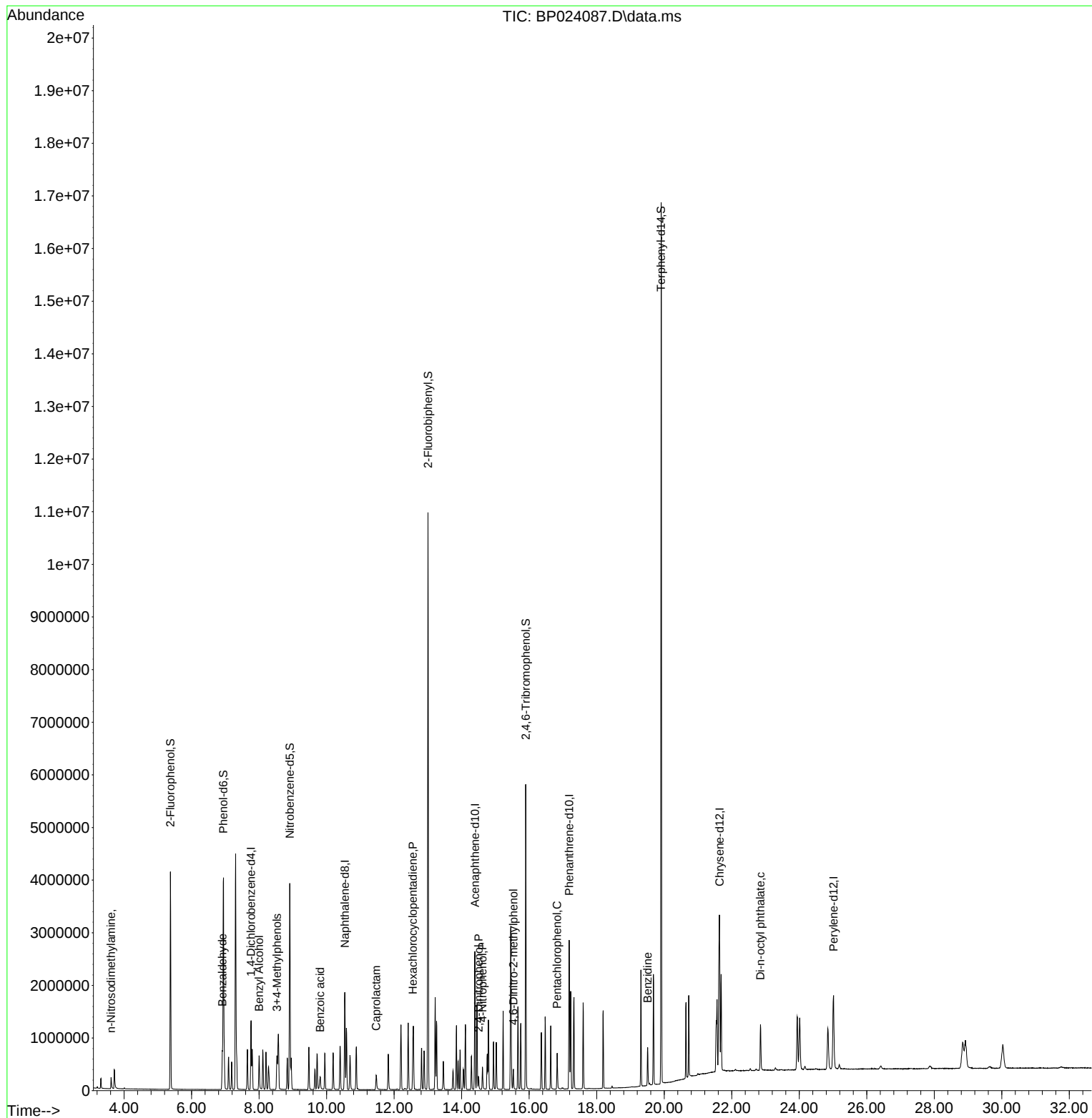
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021825\
Data File : BP024087.D
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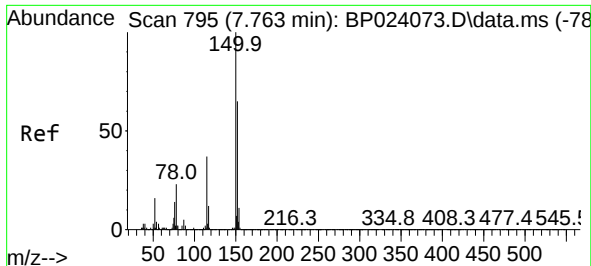
Instrument :
BNA_P
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LOQ-WATER-02-QT1-2025

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021725.M
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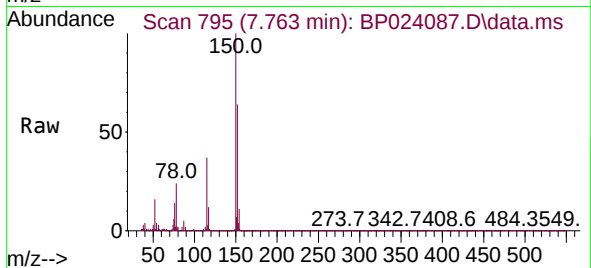
Reviewed By :Rahul Chavli 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 795
Delta R.T. 0.000 min
Lab File: BP024087.D
Acq: 18 Feb 2025 17:17

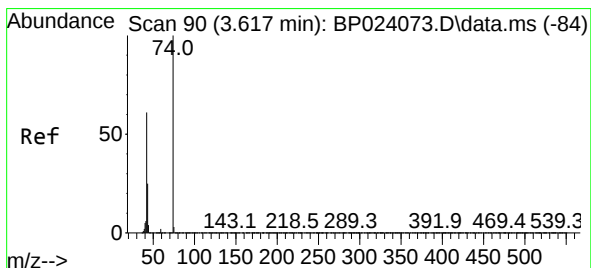
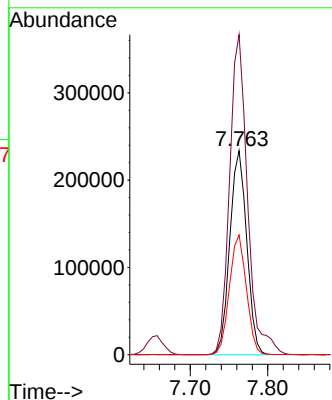
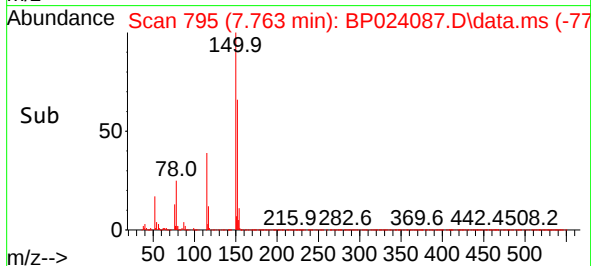
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion: 152 Resp: 355180
Ion Ratio Lower Upper
152 100
150 156.9 122.4 183.6
115 58.7 45.0 67.6

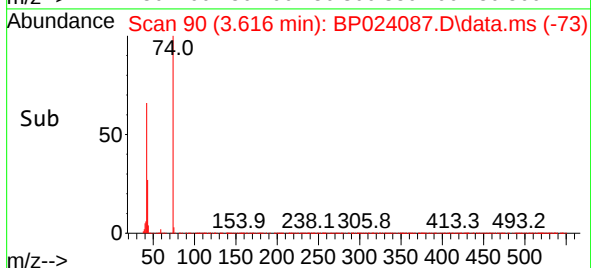
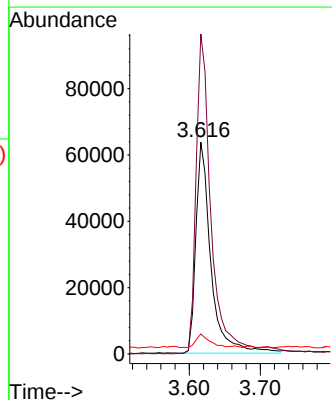
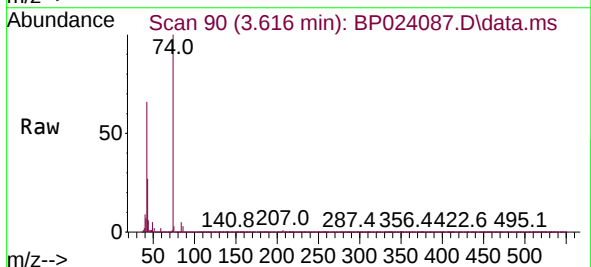
Manual Integrations
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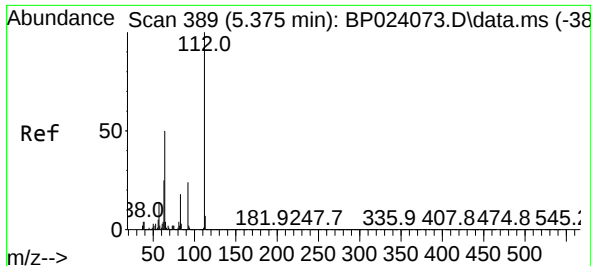
Reviewed By :Rahul Chavli 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#4
n-Nitrosodimethylamine
Concen: 11.400 ng
RT: 3.616 min Scan# 90
Delta R.T. -0.000 min
Lab File: BP024087.D
Acq: 18 Feb 2025 17:17

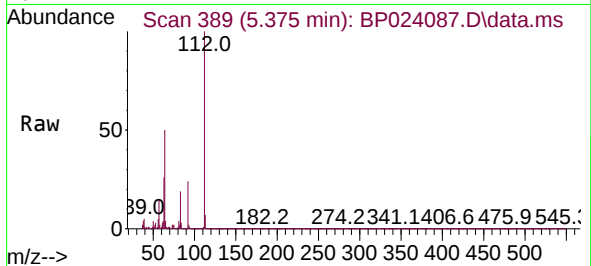
Tgt Ion: 42 Resp: 93880
Ion Ratio Lower Upper
42 100
74 151.1 132.0 198.0
44 9.5 5.3 7.9





#5
2-Fluorophenol
Concen: 79.042 ng
RT: 5.375 min Scan# 389
Delta R.T. -0.000 min
Lab File: BP024087.D
Acq: 18 Feb 2025 17:17

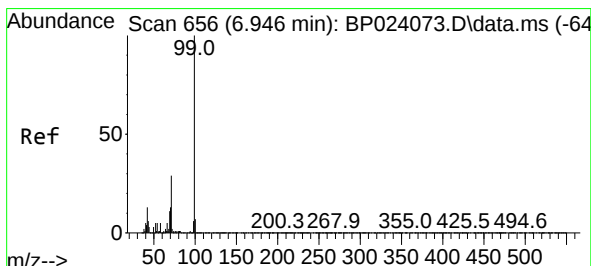
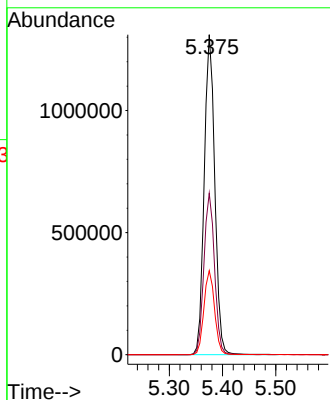
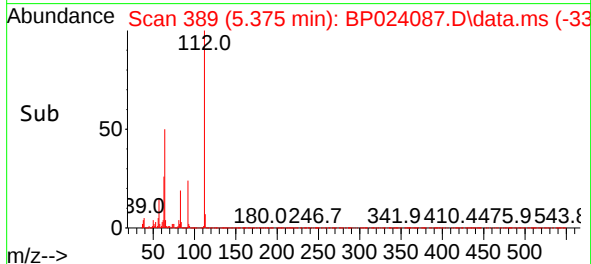
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT1-2025



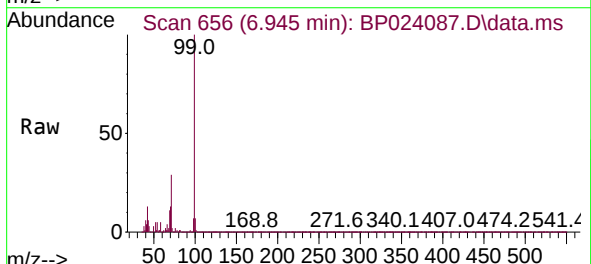
Tgt Ion: 112 Resp: 1799230
Ion Ratio Lower Upper
112 100
64 50.5 39.6 59.4
63 26.3 20.3 30.5

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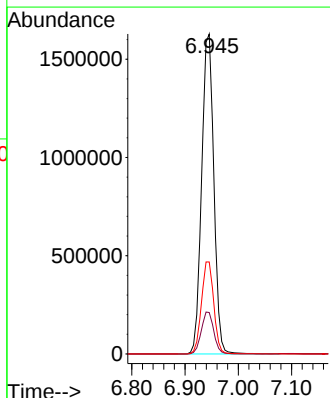
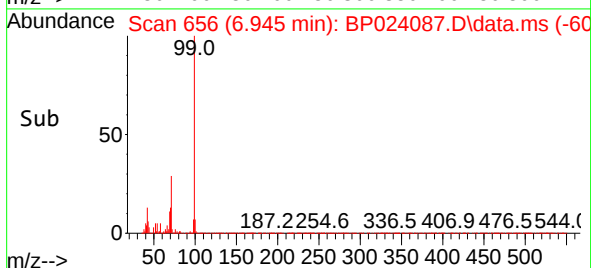
Reviewed By :Rahul Chavli 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025

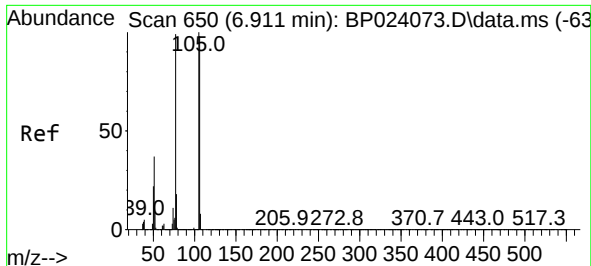


#7
Phenol-d6
Concen: 88.320 ng
RT: 6.945 min Scan# 656
Delta R.T. -0.000 min
Lab File: BP024087.D
Acq: 18 Feb 2025 17:17



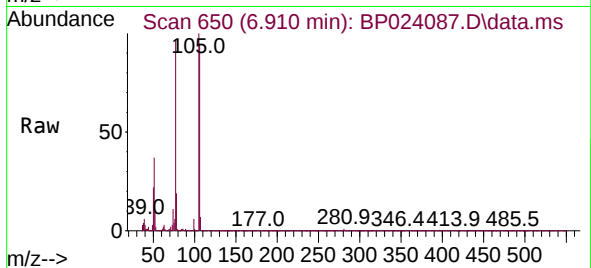
Tgt Ion: 99 Resp: 2583949
Ion Ratio Lower Upper
99 100
42 13.0 10.3 15.5
71 28.8 22.9 34.3





#9
Benzaldehyde
Concen: 18.234 ng m
RT: 6.910 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP024087.D
Acq: 18 Feb 2025 17:17

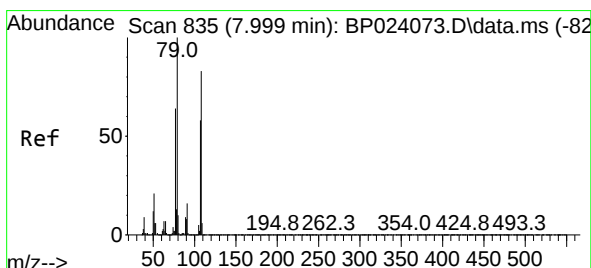
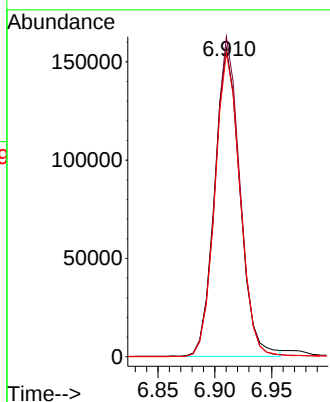
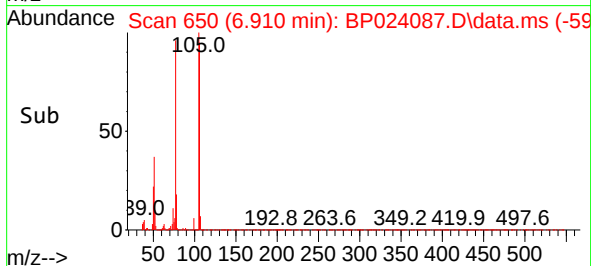
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion: 77 Resp: 24355
Ion Ratio Lower Upper
77 100
105 103.6 81.4 121.4
106 98.5 79.0 119.0

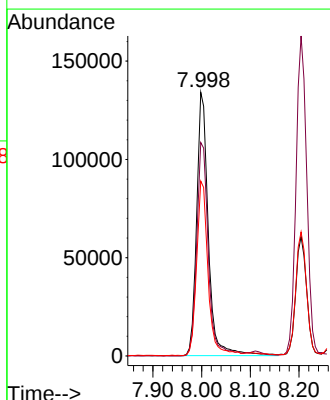
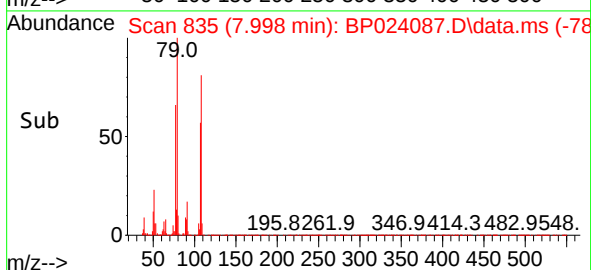
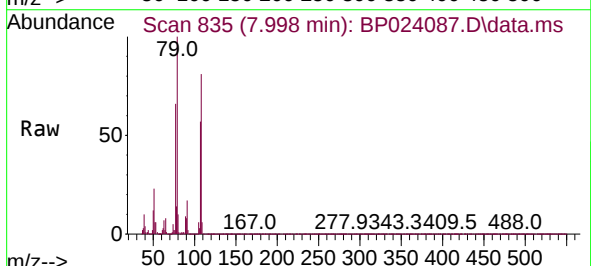
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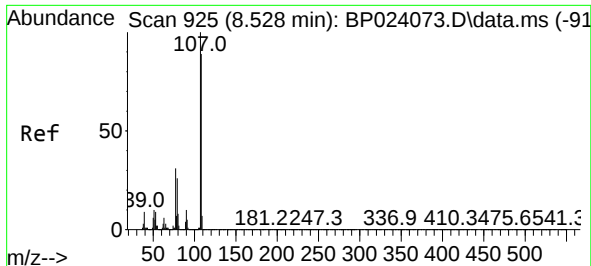
Reviewed By :Rahul Chavli 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#15
Benzyl Alcohol
Concen: 12.579 ng
RT: 7.998 min Scan# 835
Delta R.T. -0.000 min
Lab File: BP024087.D
Acq: 18 Feb 2025 17:17

Tgt Ion: 79 Resp: 225274
Ion Ratio Lower Upper
79 100
108 80.9 66.4 99.6
77 66.3 51.3 76.9





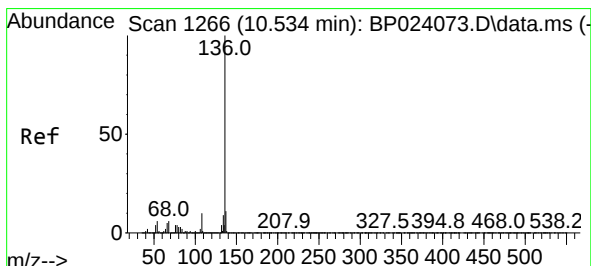
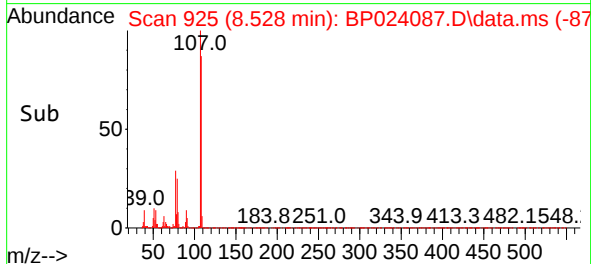
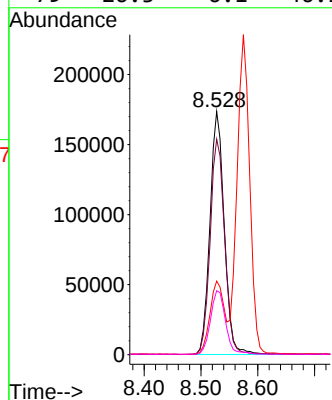
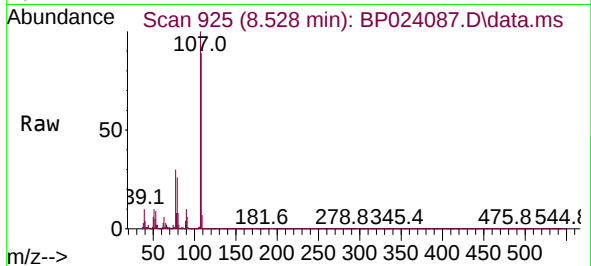
#20
3+4-Methylphenols
Concen: 12.449 ng
RT: 8.528 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP024087.D
Acq: 18 Feb 2025 17:17

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

Tgt Ion:	107	Resp:	30361
Ion	Ratio	Lower	Upper
107	100		
108	88.6	68.5	108.5
77	30.3	10.7	50.7
79	26.3	6.1	46.1

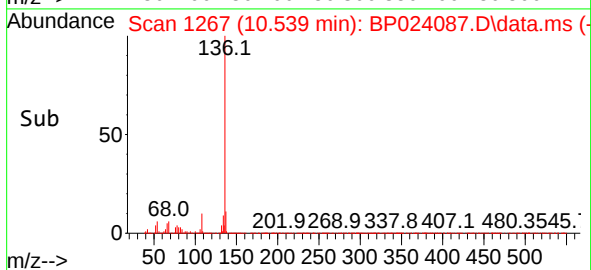
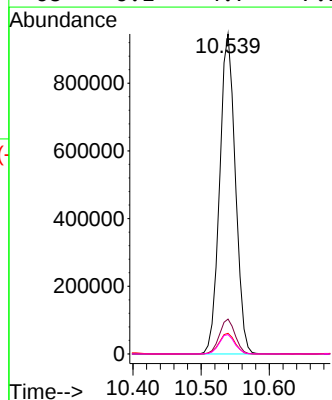
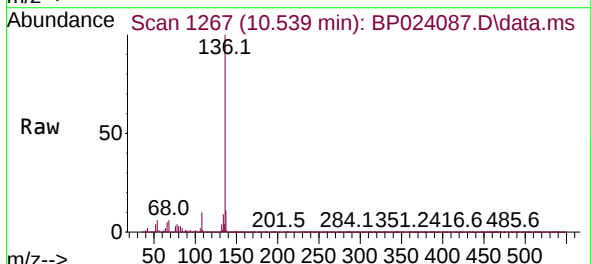
Manual Integrations
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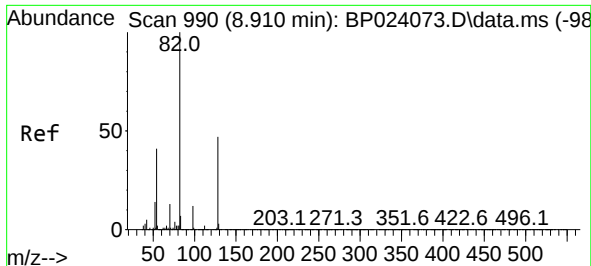
Reviewed By :Rahul Chavli 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.539 min Scan# 1267
Delta R.T. 0.005 min
Lab File: BP024087.D
Acq: 18 Feb 2025 17:17

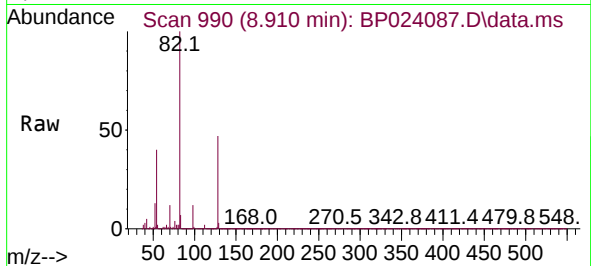
Tgt Ion:	136	Resp:	1516907
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	6.4	4.9	7.3
68	6.1	4.7	7.1





#23
Nitrobenzene-d5
Concen: 83.562 ng
RT: 8.910 min Scan# 990
Delta R.T. -0.000 min
Lab File: BP024087.D
Acq: 18 Feb 2025 17:17

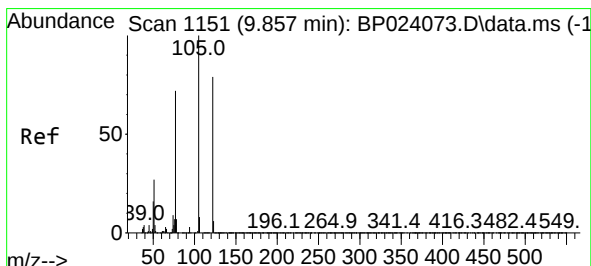
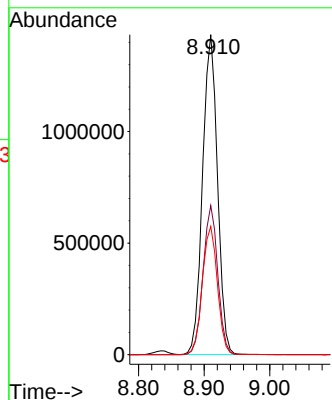
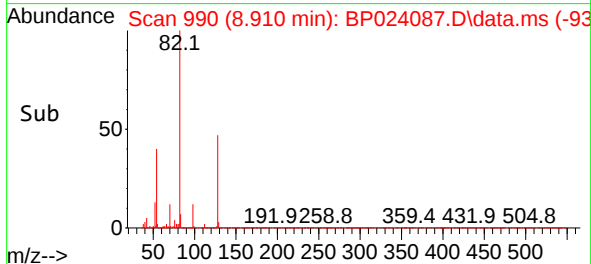
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion: 82 Resp: 2272050
Ion Ratio Lower Upper
82 100
128 46.6 37.4 56.2
54 40.1 32.4 48.6

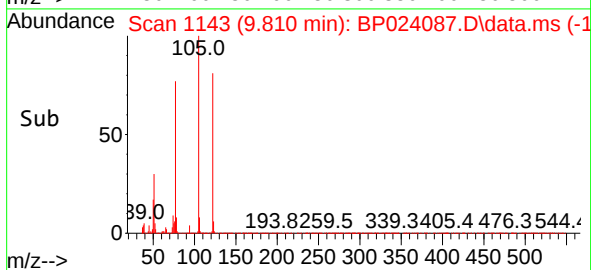
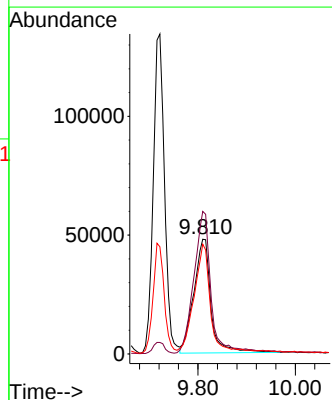
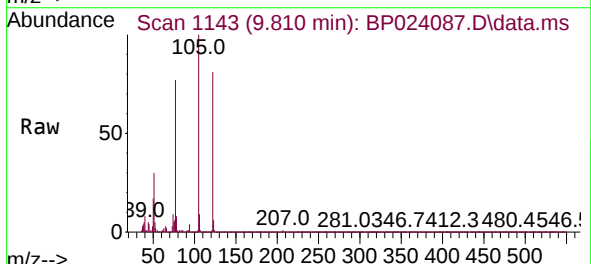
Manual Integrations
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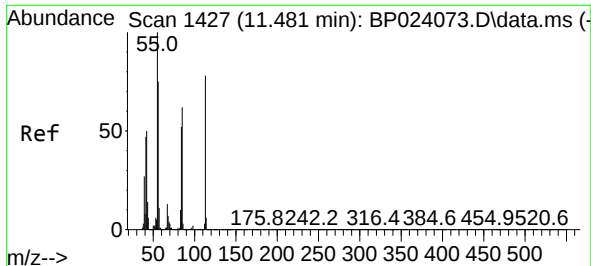
Reviewed By :Rahul Chavli 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#32
Benzoic acid
Concen: 13.353 ng
RT: 9.810 min Scan# 1143
Delta R.T. -0.047 min
Lab File: BP024087.D
Acq: 18 Feb 2025 17:17

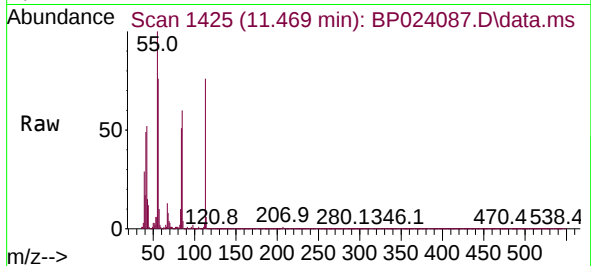
Tgt Ion:122 Resp: 117996
Ion Ratio Lower Upper
122 100
105 124.2 103.7 143.7
77 95.6 69.9 109.9





#35
Caprolactam
Concen: 13.681 ng
RT: 11.469 min Scan# 1427
Delta R.T. -0.012 min
Lab File: BP024087.D
Acq: 18 Feb 2025 17:17

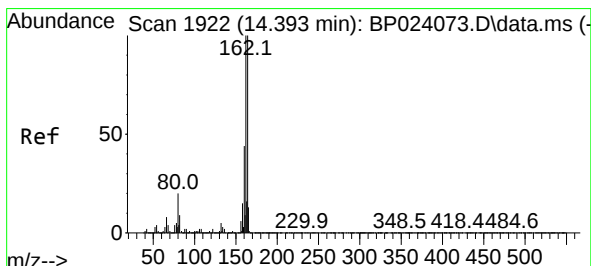
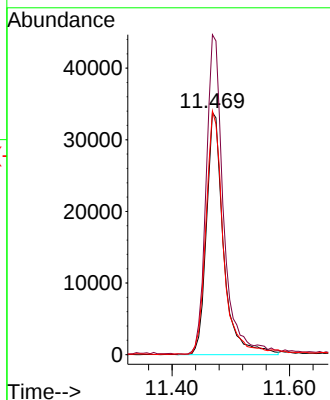
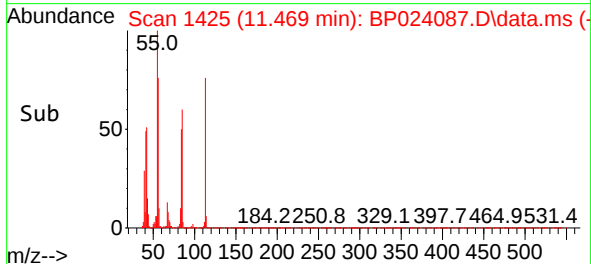
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion:113 Resp: 68230
Ion Ratio Lower Upper
113 100
55 132.1 108.8 148.8
56 100.6 76.5 116.5

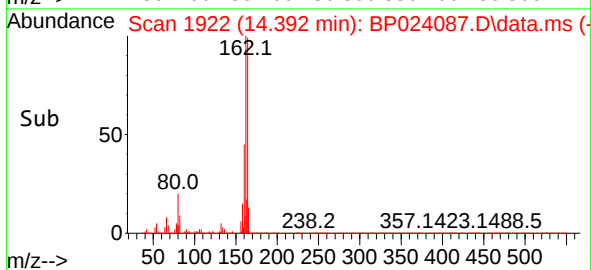
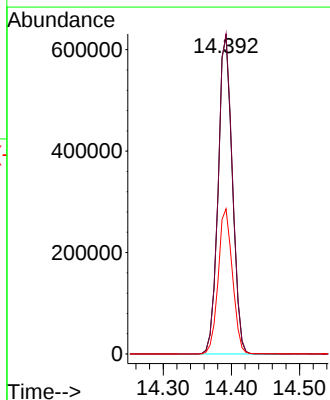
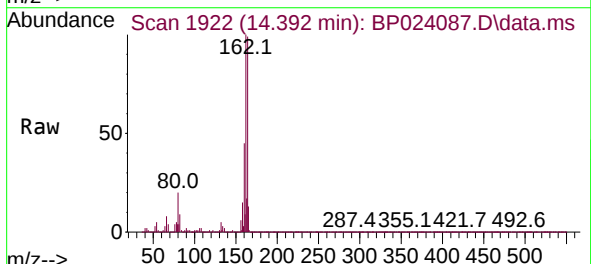
Manual Integrations
APPROVED

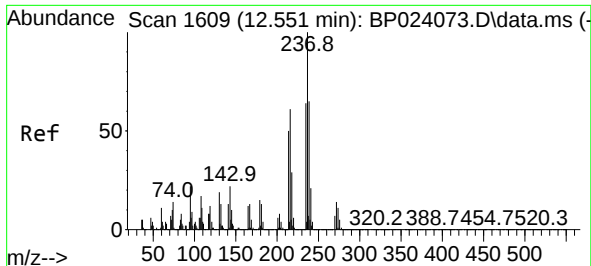
Reviewed By :Rahul Chavli 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1922
Delta R.T. -0.000 min
Lab File: BP024087.D
Acq: 18 Feb 2025 17:17

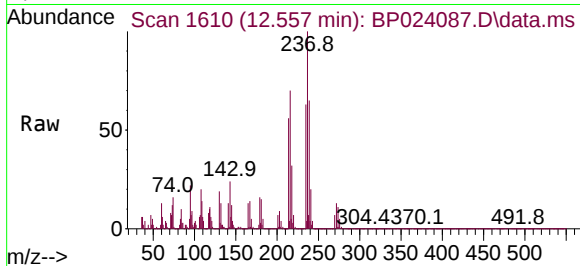
Tgt Ion:164 Resp: 906005
Ion Ratio Lower Upper
164 100
162 100.9 80.1 120.1
160 45.8 35.6 53.4





#41
Hexachlorocyclopentadiene
Concen: 14.421 ng
RT: 12.557 min Scan# 10
Delta R.T. 0.005 min
Lab File: BP024087.D
Acq: 18 Feb 2025 17:17

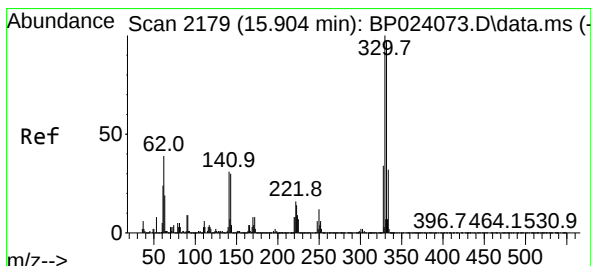
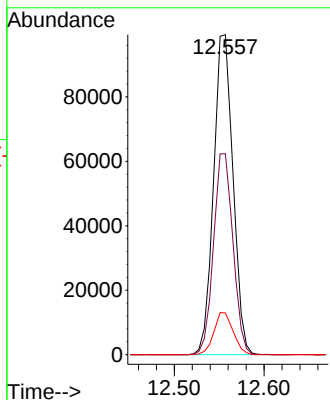
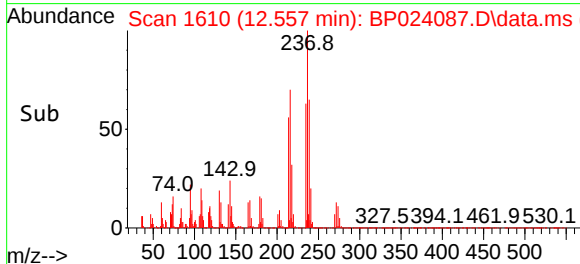
Instrument :
BNA_P
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LOQ-WATER-02-QT1-2025



Tgt Ion: 237 Resp: 14938
Ion Ratio Lower Upper
237 100
235 62.8 43.5 83.5
272 13.0 0.0 33.7

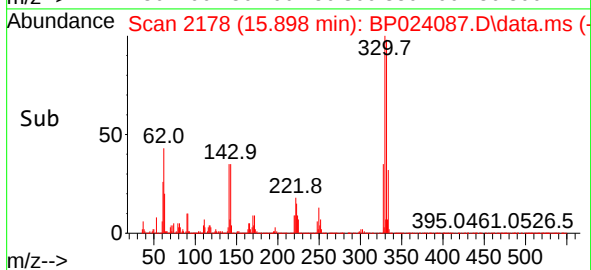
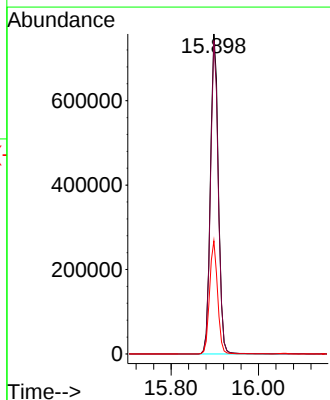
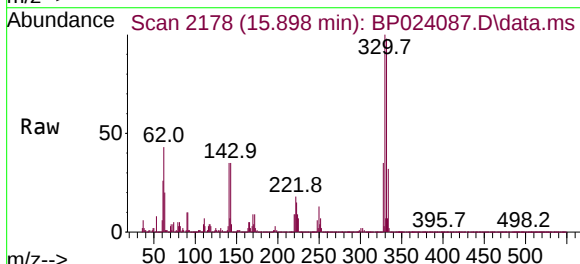
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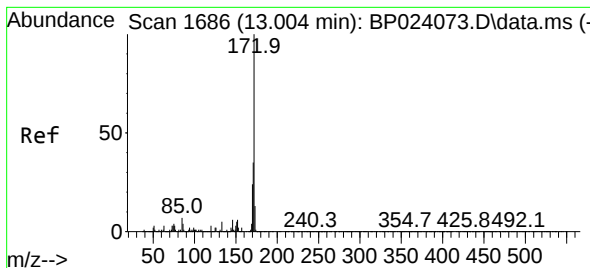
Reviewed By :Rahul Chavli 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#42
2,4,6-Tribromophenol
Concen: 86.190 ng
RT: 15.898 min Scan# 2178
Delta R.T. -0.006 min
Lab File: BP024087.D
Acq: 18 Feb 2025 17:17

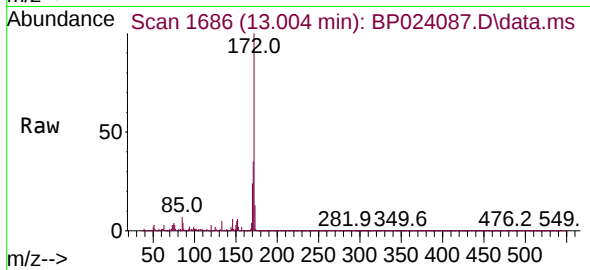
Tgt Ion: 330 Resp: 956498
Ion Ratio Lower Upper
330 100
332 96.4 77.0 115.4
141 35.5 28.3 42.5





#45
2-Fluorobiphenyl
Concen: 83.264 ng
RT: 13.004 min Scan# 1686
Delta R.T. -0.000 min
Lab File: BP024087.D
Acq: 18 Feb 2025 17:17

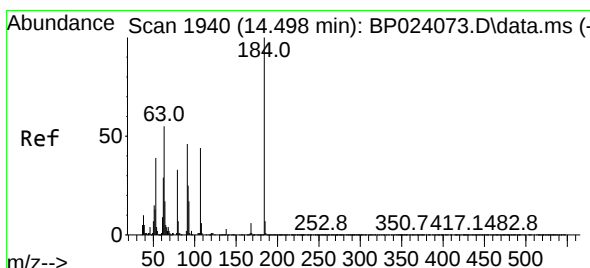
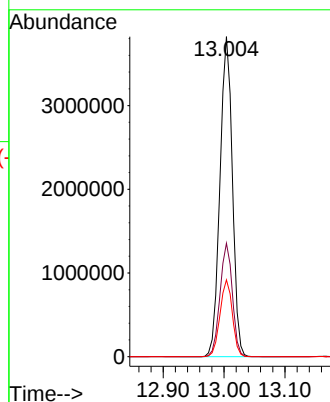
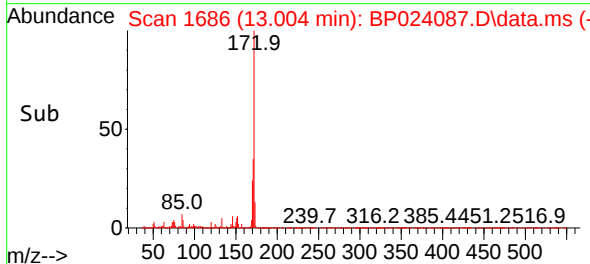
Instrument : BNA_P
ClientSampleId :
LOQ-WATER-02-QT1-2025



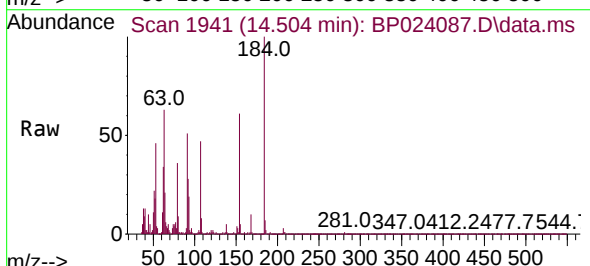
Tgt Ion:172 Resp: 5396080
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.2
170 24.0 19.0 28.6

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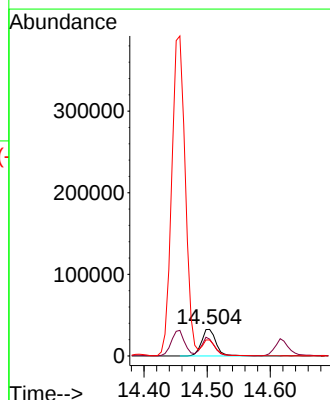
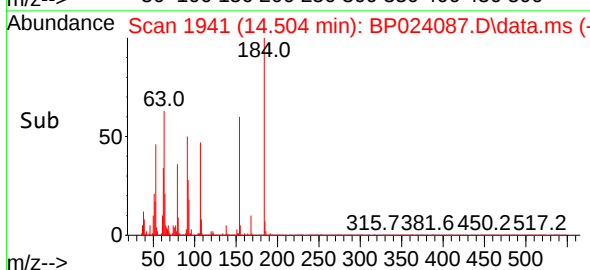
Reviewed By :Rahul Chavli 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025

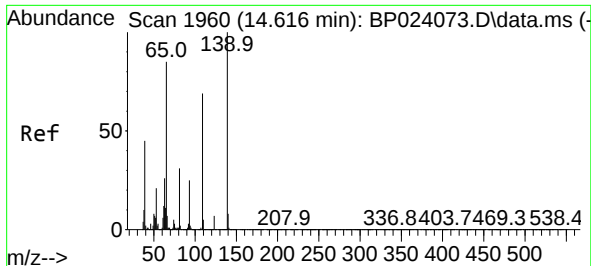


#54
2,4-Dinitrophenol
Concen: 13.272 ng
RT: 14.504 min Scan# 1941
Delta R.T. 0.006 min
Lab File: BP024087.D
Acq: 18 Feb 2025 17:17



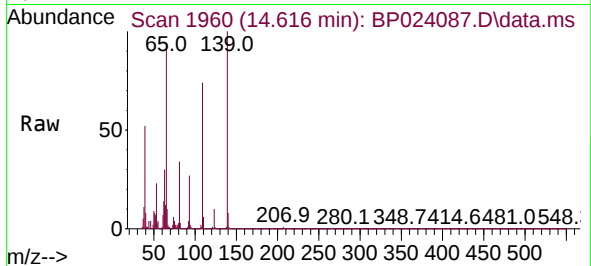
Tgt Ion:184 Resp: 52218
Ion Ratio Lower Upper
184 100
63 63.4 49.4 74.0
154 60.5 49.2 73.8





#56
4-Nitrophenol
Concen: 9.142 ng
RT: 14.616 min Scan# 1960
Delta R.T. -0.000 min
Lab File: BP024087.D
Acq: 18 Feb 2025 17:17

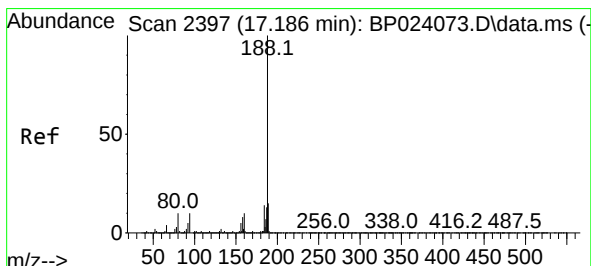
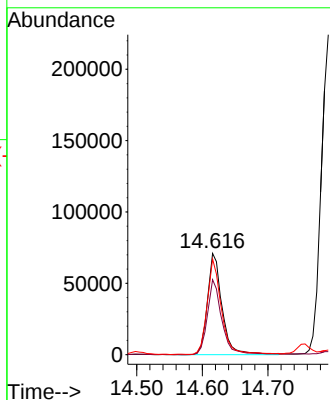
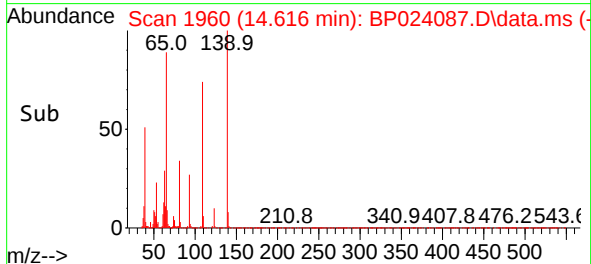
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion:139 Resp: 109699
Ion Ratio Lower Upper
139 100
109 74.1 49.2 89.2
65 94.5 65.4 105.4

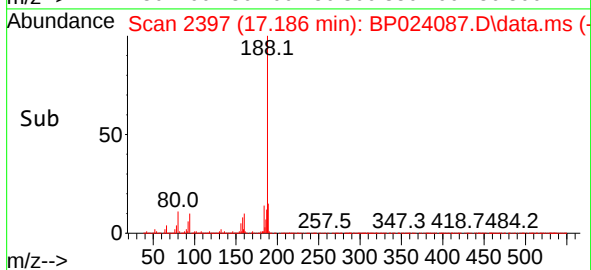
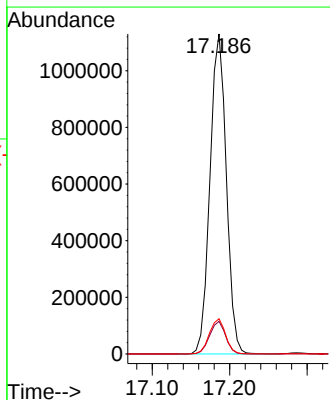
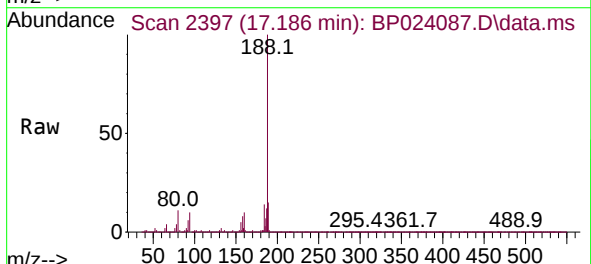
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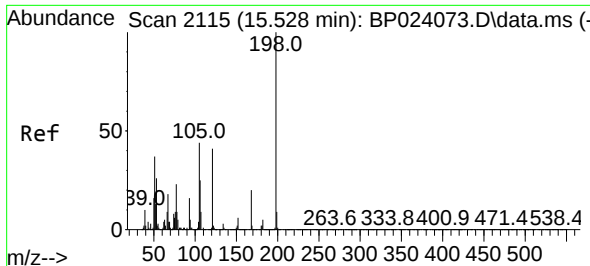
Reviewed By :Rahul Chavli 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.186 min Scan# 2397
Delta R.T. -0.000 min
Lab File: BP024087.D
Acq: 18 Feb 2025 17:17

Tgt Ion:188 Resp: 1653416
Ion Ratio Lower Upper
188 100
94 10.2 7.6 11.4
80 11.0 8.2 12.2





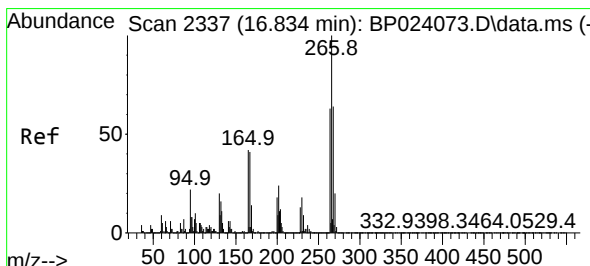
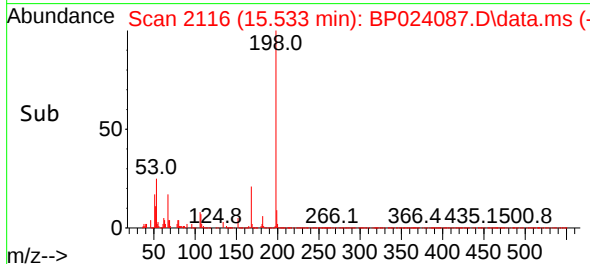
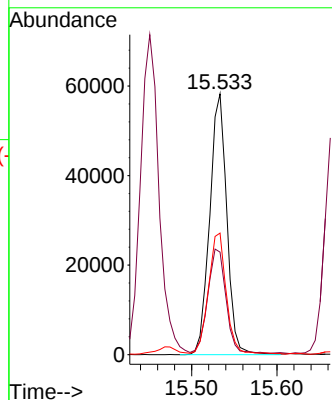
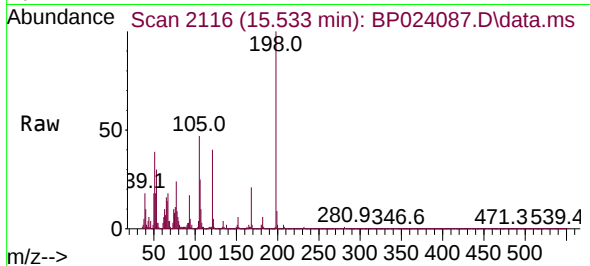
#65
4,6-Dinitro-2-methylphenol
Concen: 12.702 ng
RT: 15.533 min Scan# 2115
Delta R.T. 0.005 min
Lab File: BP024087.D
Acq: 18 Feb 2025 17:17

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

Tgt Ion:198 Resp: 81258
Ion Ratio Lower Upper
198 100
51 39.3 18.7 58.7
105 46.6 24.7 64.7

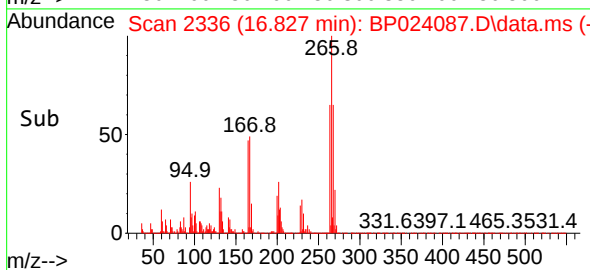
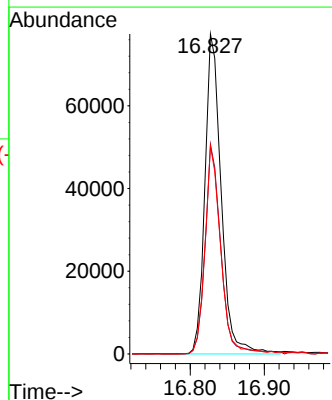
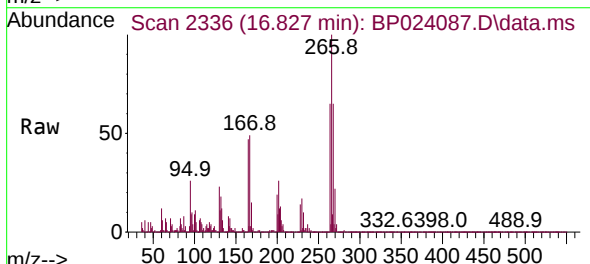
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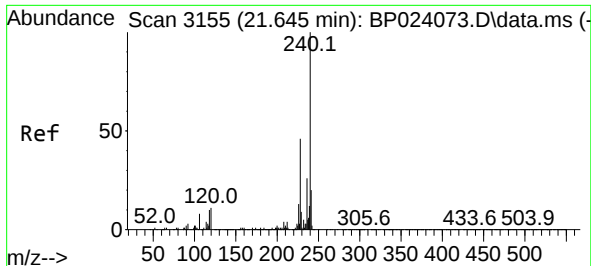
Reviewed By :Rahul Chavli 02/20/2025
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#70
Pentachlorophenol
Concen: 8.330 ng
RT: 16.827 min Scan# 2336
Delta R.T. -0.007 min
Lab File: BP024087.D
Acq: 18 Feb 2025 17:17

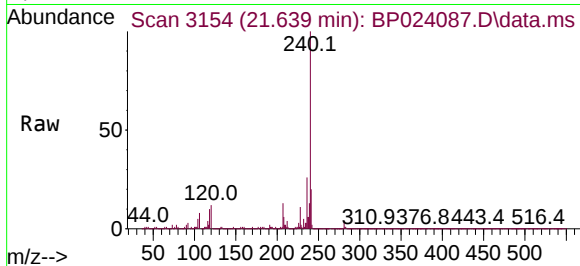
Tgt Ion:266 Resp: 118202
Ion Ratio Lower Upper
266 100
268 65.5 51.3 76.9
264 65.0 50.5 75.7





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.639 min Scan# 3155
Delta R.T. -0.006 min
Lab File: BP024087.D
Acq: 18 Feb 2025 17:17

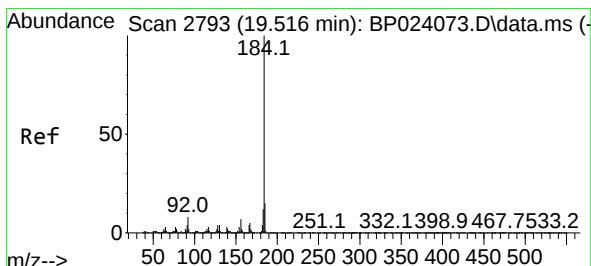
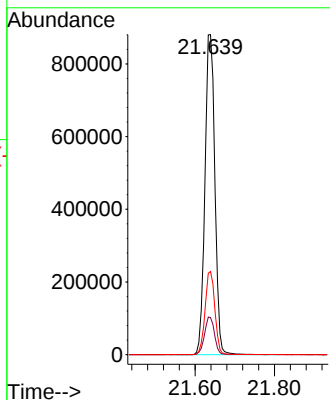
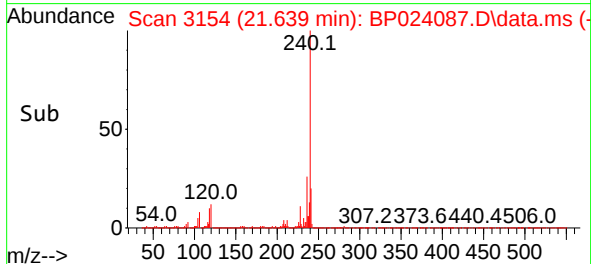
Instrument : BNA_P
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion:240 Resp: 1533758
Ion Ratio Lower Upper
240 100
120 11.6 8.9 13.3
236 26.0 20.7 31.1

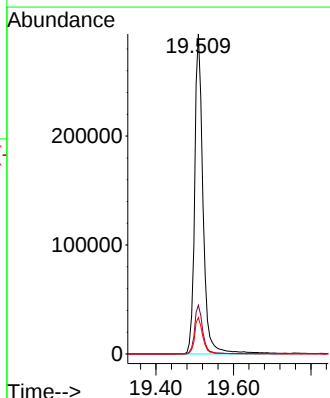
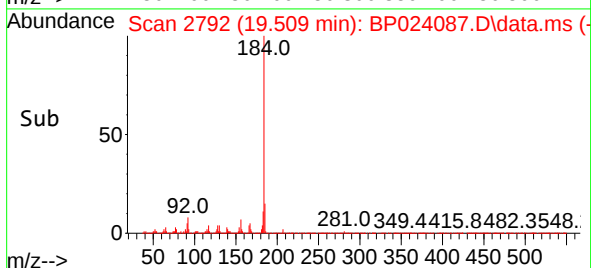
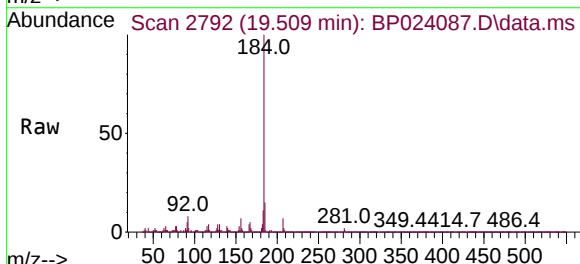
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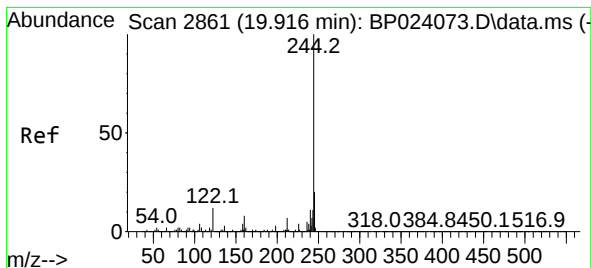
Reviewed By :Rahul Chavli 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#77
Benzidine
Concen: 23.623 ng
RT: 19.509 min Scan# 2792
Delta R.T. -0.006 min
Lab File: BP024087.D
Acq: 18 Feb 2025 17:17

Tgt Ion:184 Resp: 441499
Ion Ratio Lower Upper
184 100
185 15.2 11.8 17.8
183 11.3 9.3 13.9





#79

Terphenyl-d14

Concen: 90.369 ng

RT: 19.909 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024087.D

Acq: 18 Feb 2025 17:17

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT1-2025

Tgt Ion:244 Resp: 700463

Ion Ratio Lower Upper

244 100

212 7.6 5.9 8.9

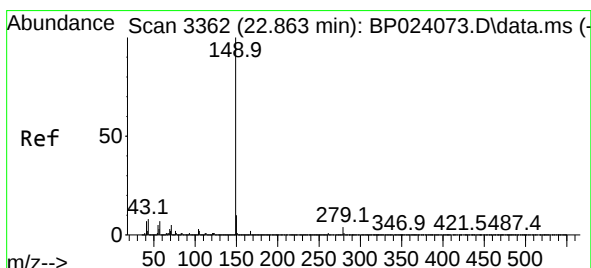
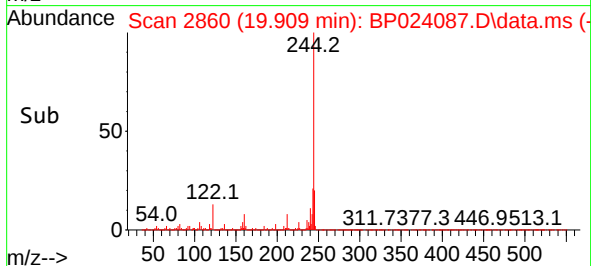
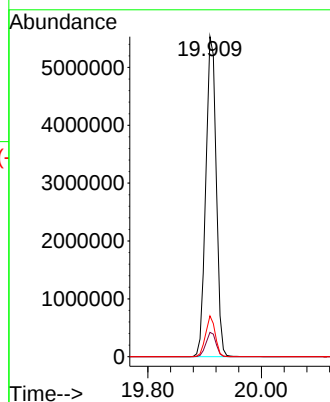
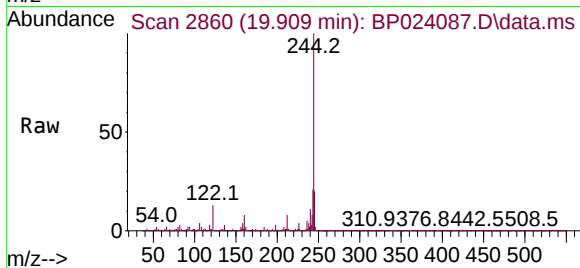
122 12.8 9.4 14.2

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#85

Di-n-octyl phthalate

Concen: 8.155 ng

RT: 22.850 min Scan# 3360

Delta R.T. -0.013 min

Lab File: BP024087.D

Acq: 18 Feb 2025 17:17

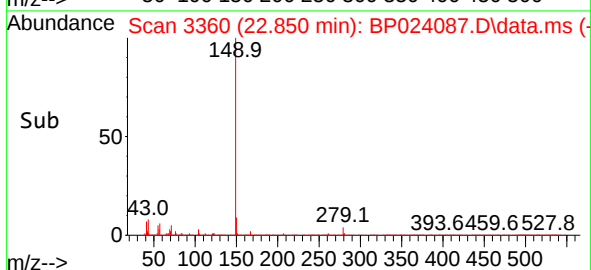
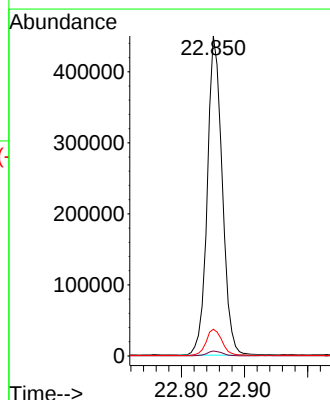
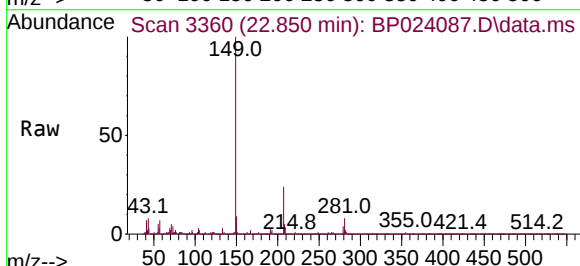
Tgt Ion:149 Resp: 737912

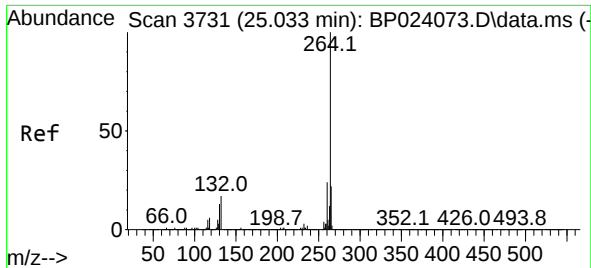
Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

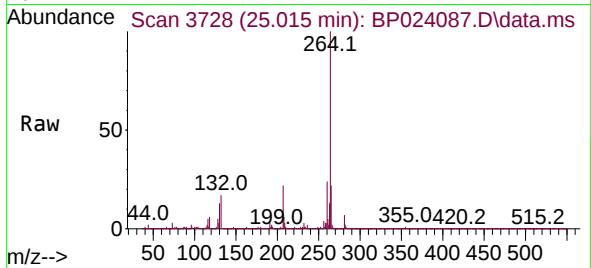
43 8.8 6.4 9.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.015 min Scan# 31
 Delta R.T. -0.018 min
 Lab File: BP024087.D
 Acq: 18 Feb 2025 17:17

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



Tgt Ion:264 Resp: 1336490
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.0 28.6
 265 21.6 17.8 26.8

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 Supervised By :Jagrut Upadhyay 02/20/2025

