

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061225\
 Data File : BP024926.D
 Acq On : 12 Jun 2025 12:27
 Operator : RC/JU
 Sample : Q2274-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-13-MHP-WC

Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 06/13/2025
 Supervised By :Jagrut Upadhyay 06/13/2025

Quant Time: Jun 12 12:47:44 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 06 16:20:27 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.608	152	226503	20.000	ng	0.00
21) Naphthalene-d8	10.378	136	899061	20.000	ng	0.00
39) Acenaphthene-d10	14.254	164	563938	20.000	ng	0.00
64) Phenanthrene-d10	17.048	188	1101150	20.000	ng	-0.01
76) Chrysene-d12	21.483	240	1148321	20.000	ng	0.00
86) Perylene-d12	24.754	264	1380686	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.243	112	1363903	100.512	ng	0.00
7) Phenol-d6	6.819	99	1753766	97.682	ng	0.00
23) Nitrobenzene-d5	8.761	82	1092472	59.047	ng	0.00
42) 2,4,6-Tribromophenol	15.772	330	849666	108.977	ng	-0.01
45) 2-Fluorobiphenyl	12.854	172	2470732	59.020	ng	0.00
79) Terphenyl-d14	19.778	244	3951622	61.675	ng	-0.02
Target Compounds						Qvalue
60) Diethylphthalate	15.090	149	94692	2.284	ng	99
75) Fluoranthene	19.184	202	365682	5.185	ng	98
78) Pyrene	19.560	202	394372	5.497	ng	100
81) Benzo(a)anthracene	21.460	228	384309	5.233	ng	98
83) Chrysene	21.525	228	362341	5.207	ng	97
87) Indeno(1,2,3-cd)pyrene	28.442	276	329619	3.272	ng	# 71
88) Benzo(b)fluoranthene	23.724	252	591464	7.485	ng	97
89) Benzo(k)fluoranthene	23.783	252	191775m	2.384	ng	
90) Benzo(a)pyrene	24.601	252	434370	5.629	ng	100
92) Benzo(g,h,i)perylene	29.595	276	326296	4.011	ng	99

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

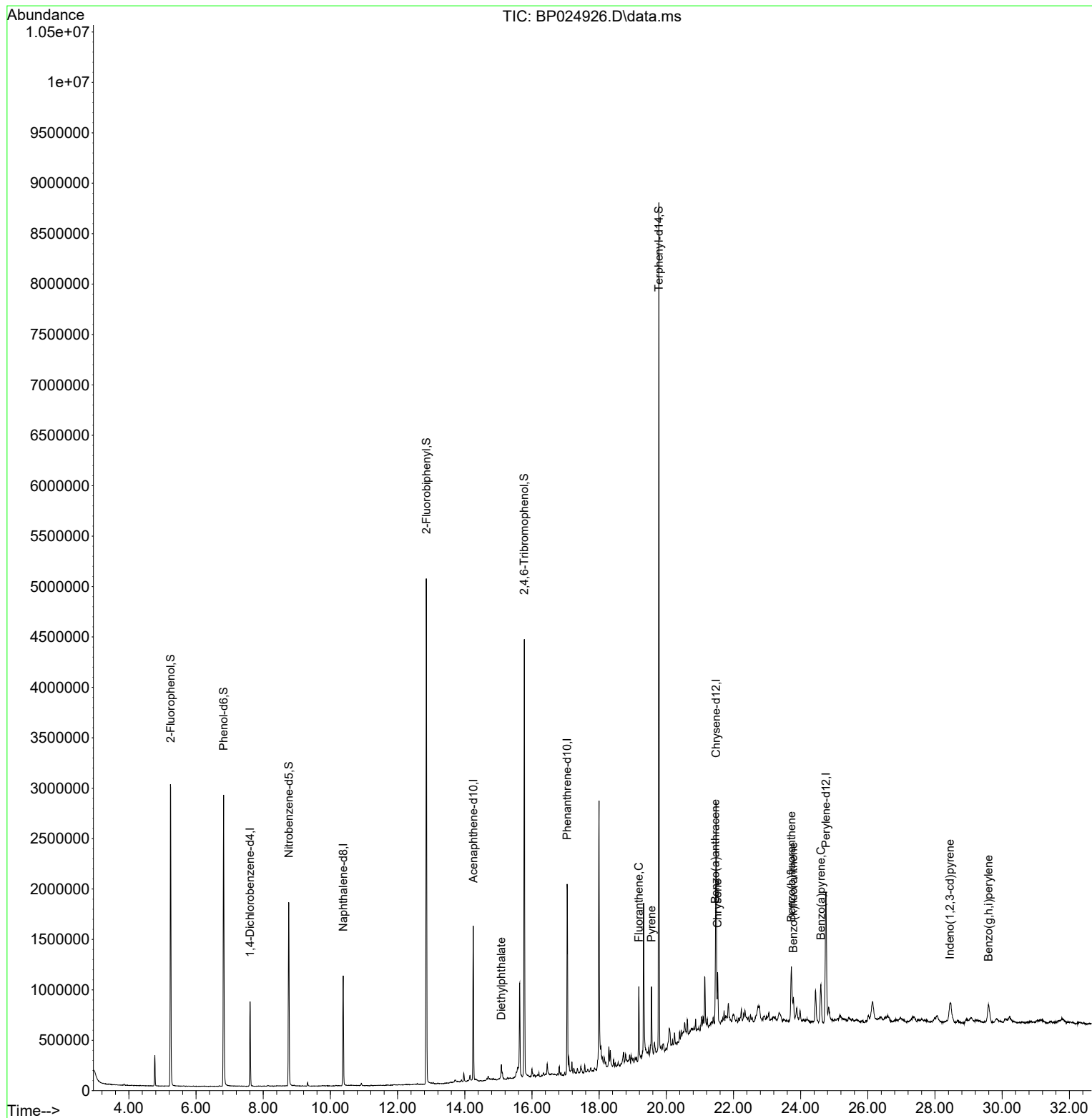
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Data File : BP024926.D
Acq On : 12 Jun 2025 12:27
Operator : RC/JU
Sample : Q2274-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

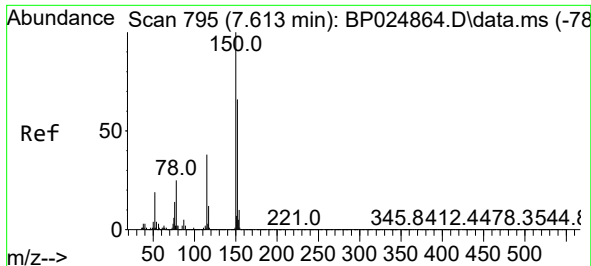
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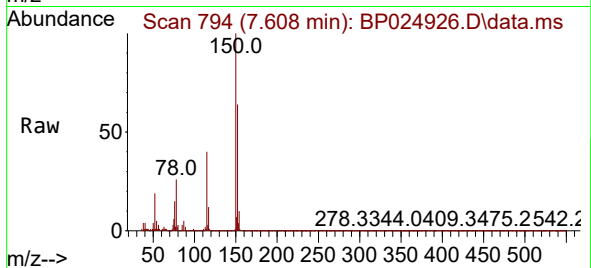
Quant Time: Jun 12 12:47:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.608 min Scan# 795
Delta R.T. -0.005 min
Lab File: BP024926.D
Acq: 12 Jun 2025 12:27

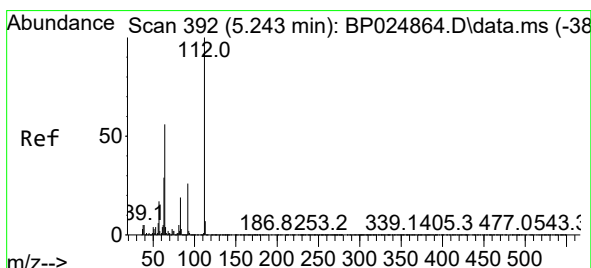
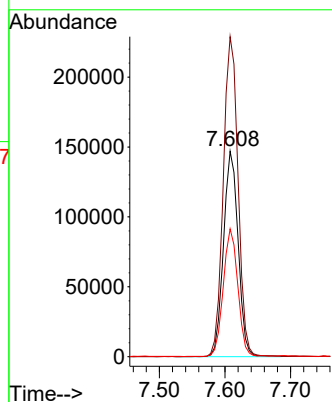
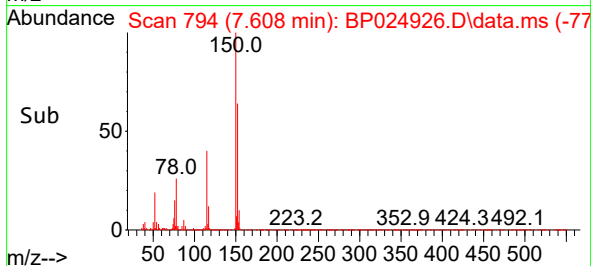
Instrument :
BNA_P
ClientSampleId :
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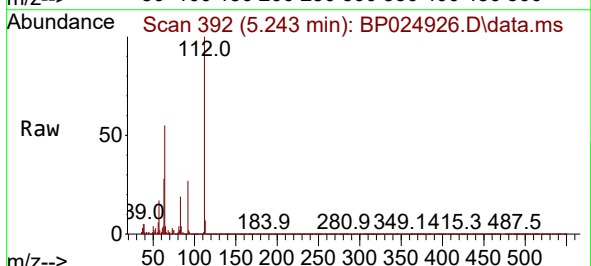
Tgt Ion:152 Resp: 226500
Ion Ratio Lower Upper
152 100
150 155.8 122.1 183.1
115 62.3 46.4 69.6

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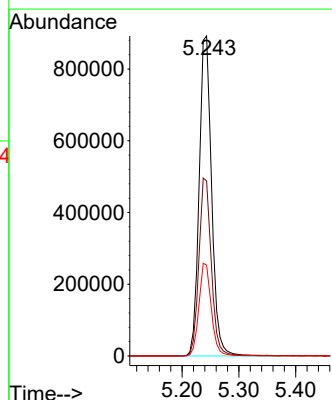
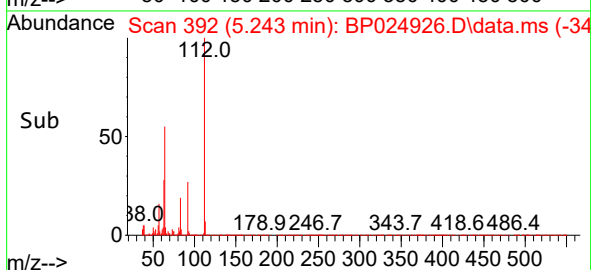
Reviewed By :Anahy Claudio 06/13/2025
Supervised By :Jagrut Upadhyay 06/13/2025

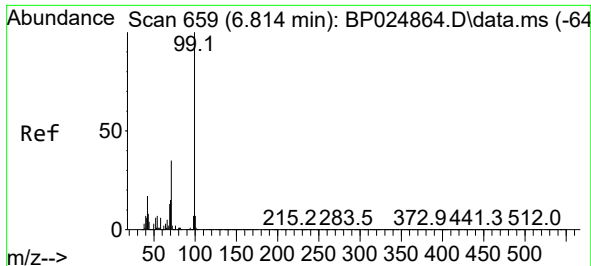


#5
2-Fluorophenol
Concen: 100.512 ng
RT: 5.243 min Scan# 392
Delta R.T. 0.000 min
Lab File: BP024926.D
Acq: 12 Jun 2025 12:27



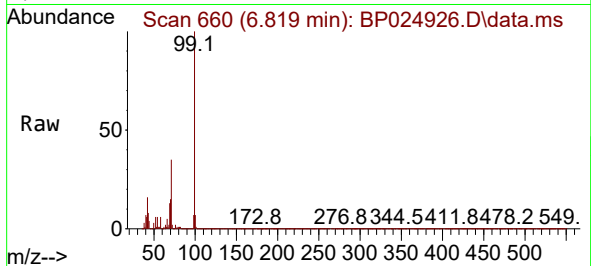
Tgt Ion:112 Resp: 1363903
Ion Ratio Lower Upper
112 100
64 54.7 44.7 67.1
63 28.4 23.5 35.3





#7
Phenol-d6
Concen: 97.682 ng
RT: 6.819 min Scan# 60
Delta R.T. 0.006 min
Lab File: BP024926.D
Acq: 12 Jun 2025 12:27

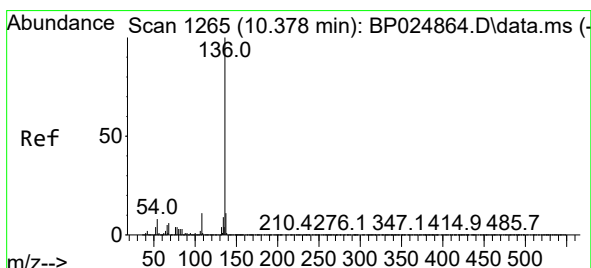
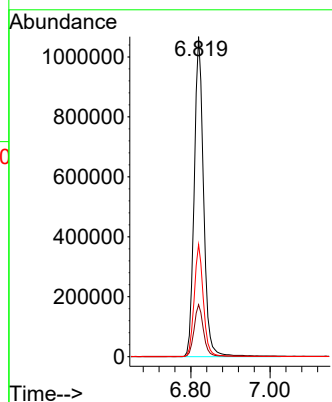
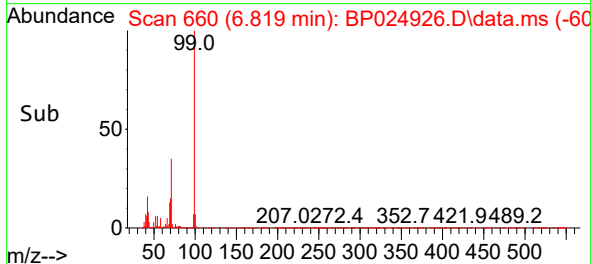
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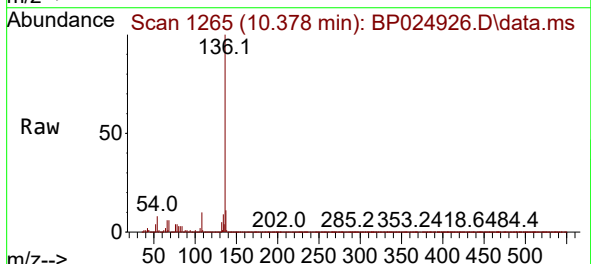
Tgt Ion: 99 Resp: 1753760
Ion Ratio Lower Upper
99 100
42 16.3 13.4 20.2
71 35.0 27.6 41.4

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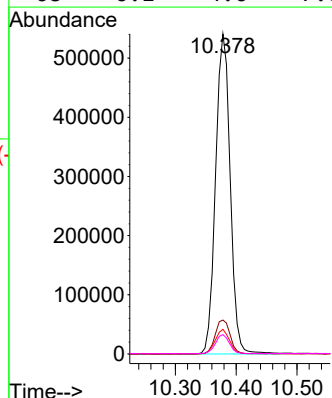
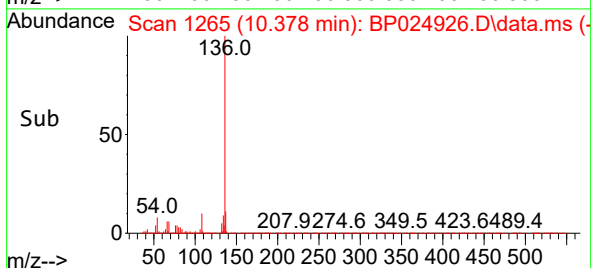
Reviewed By :Anahy Claudio 06/13/2025
Supervised By :Jagrut Upadhyay 06/13/2025

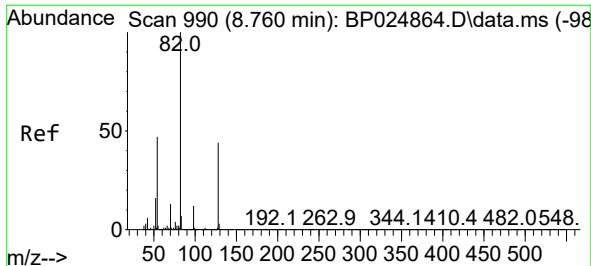


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.378 min Scan# 1265
Delta R.T. 0.000 min
Lab File: BP024926.D
Acq: 12 Jun 2025 12:27



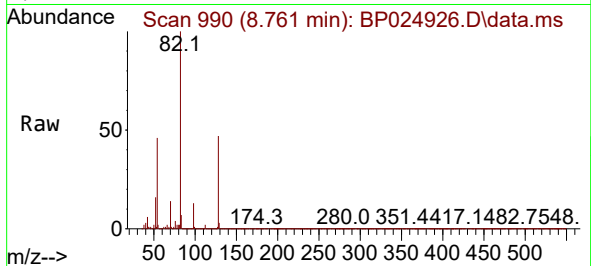
Tgt Ion:136 Resp: 899061
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 7.7 6.1 9.1
68 6.1 4.6 7.0





#23
Nitrobenzene-d5
Concen: 59.047 ng
RT: 8.761 min Scan# 990
Delta R.T. 0.000 min
Lab File: BP024926.D
Acq: 12 Jun 2025 12:27

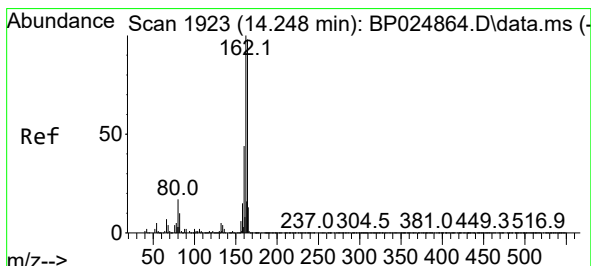
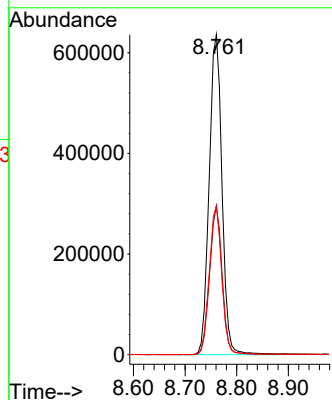
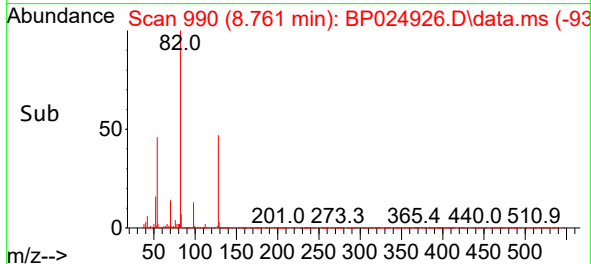
Instrument :
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ClientSampleId :
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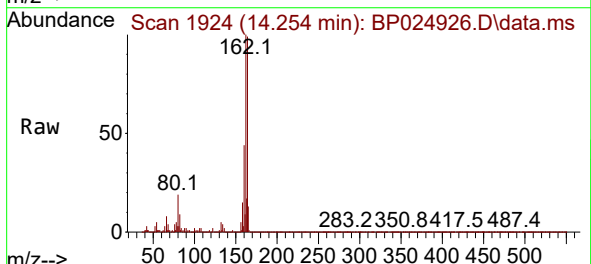
Tgt Ion: 82 Resp: 1092472
Ion Ratio Lower Upper
82 100
128 46.6 35.3 52.9
54 46.5 37.4 56.0

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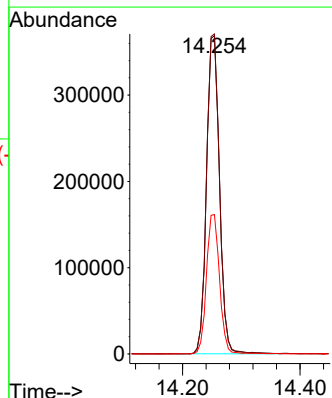
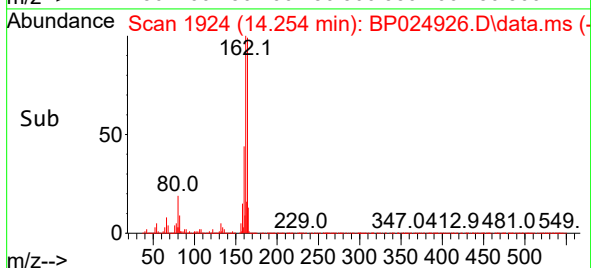
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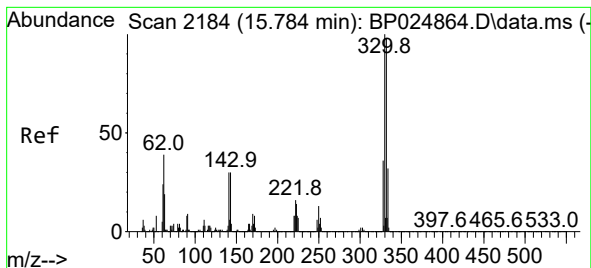


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.254 min Scan# 1924
Delta R.T. 0.006 min
Lab File: BP024926.D
Acq: 12 Jun 2025 12:27



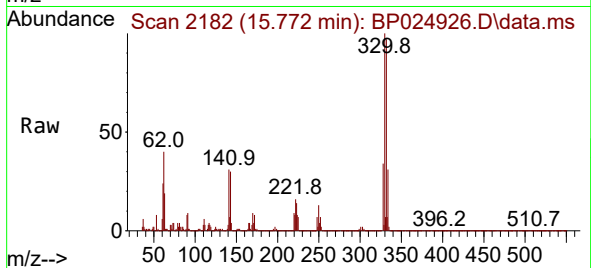
Tgt Ion:164 Resp: 563938
Ion Ratio Lower Upper
164 100
162 100.6 81.6 122.4
160 43.8 36.2 54.2





#42
2,4,6-Tribromophenol
Concen: 108.977 ng
RT: 15.772 min Scan# 2184
Delta R.T. -0.012 min
Lab File: BP024926.D
Acq: 12 Jun 2025 12:27

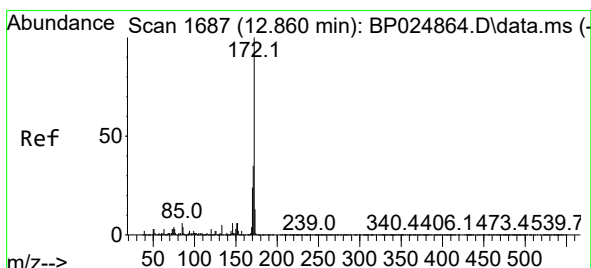
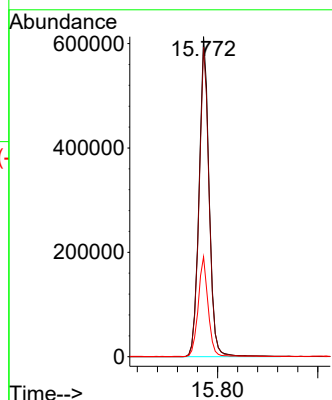
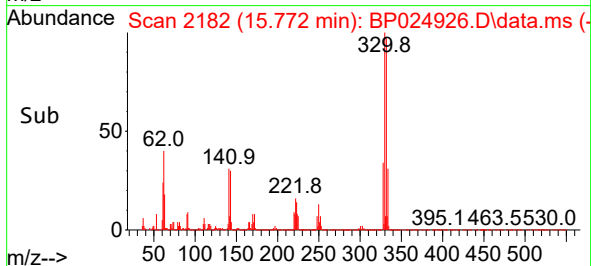
Instrument :
BNA_P
ClientSampleId :
TP-13-MHP-WC



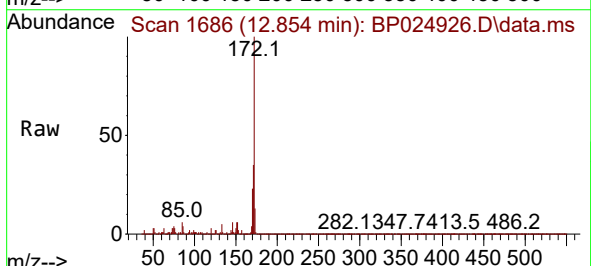
Tgt Ion:330 Resp: 849660
Ion Ratio Lower Upper
330 100
332 96.7 77.7 116.5
141 30.4 26.4 39.6

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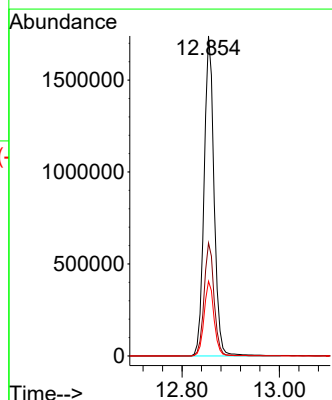
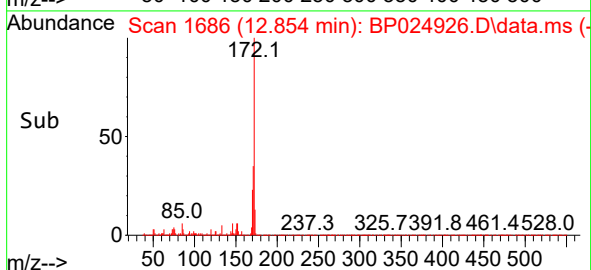
Reviewed By :Anahy Claudio 06/13/2025
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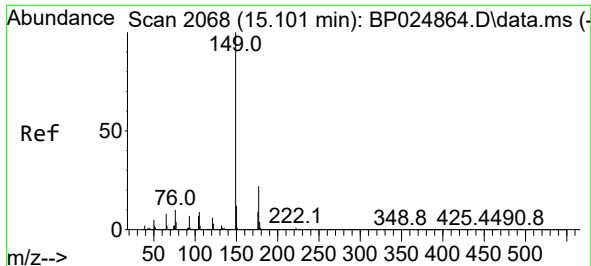


#45
2-Fluorobiphenyl
Concen: 59.020 ng
RT: 12.854 min Scan# 1686
Delta R.T. -0.006 min
Lab File: BP024926.D
Acq: 12 Jun 2025 12:27



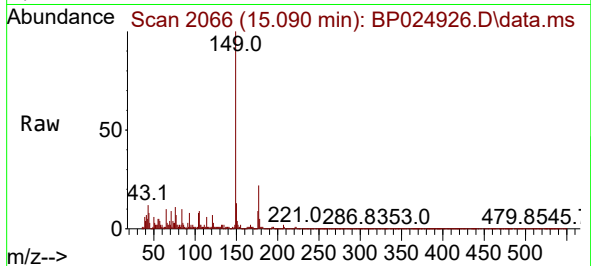
Tgt Ion:172 Resp: 2470732
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.4 19.0 28.4





#60
Diethylphthalate
Concen: 2.284 ng
RT: 15.090 min Scan# 2068
Delta R.T. -0.012 min
Lab File: BP024926.D
Acq: 12 Jun 2025 12:27

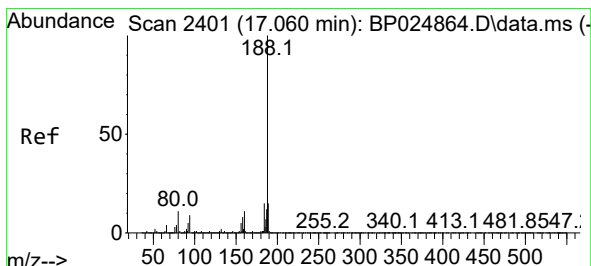
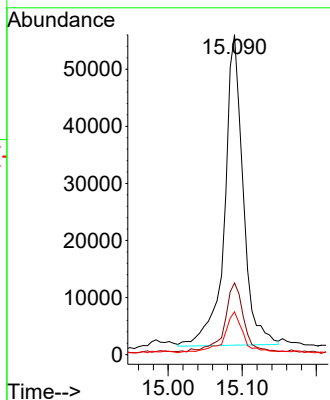
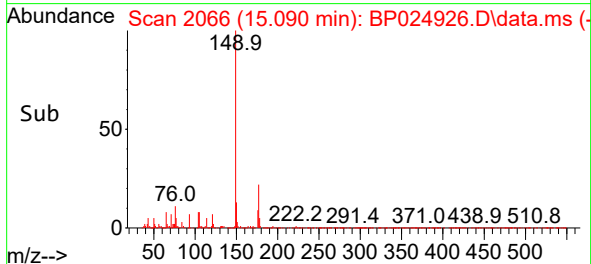
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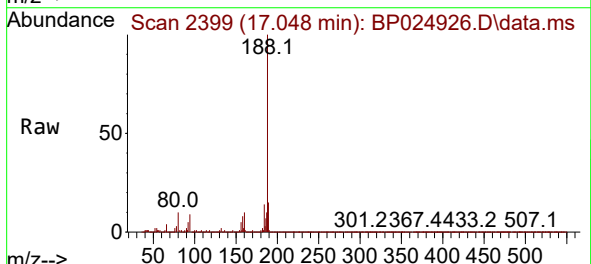
Tgt Ion:149 Resp: 94692
Ion Ratio Lower Upper
149 100
177 22.4 17.9 26.9
150 13.4 9.8 14.6

Manual Integrations
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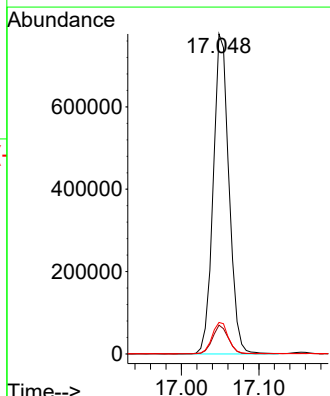
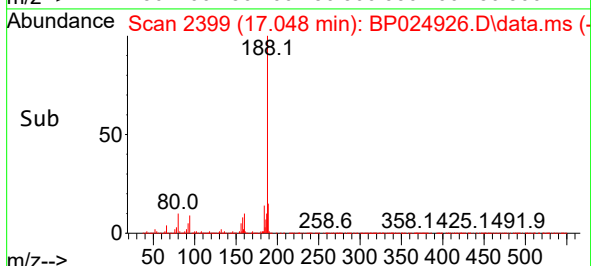
Reviewed By :Anahy Claudio 06/13/2025
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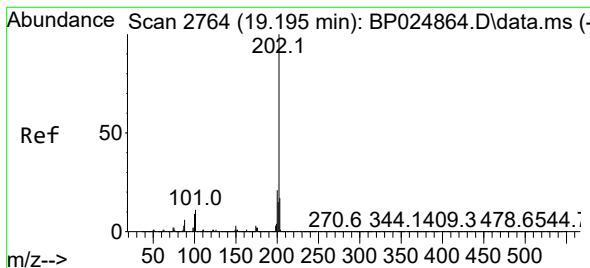


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.048 min Scan# 2399
Delta R.T. -0.012 min
Lab File: BP024926.D
Acq: 12 Jun 2025 12:27



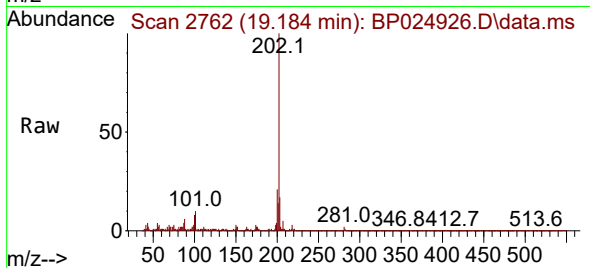
Tgt Ion:188 Resp: 1101150
Ion Ratio Lower Upper
188 100
94 9.0 7.3 10.9
80 9.9 8.5 12.7





#75
Fluoranthene
Concen: 5.185 ng
RT: 19.184 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP024926.D
Acq: 12 Jun 2025 12:27

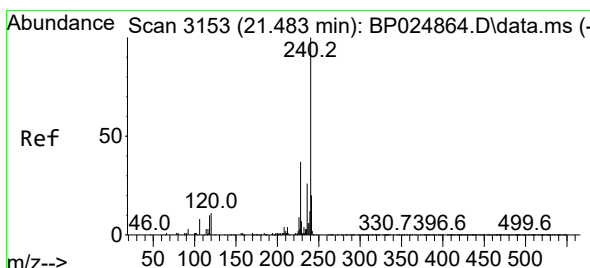
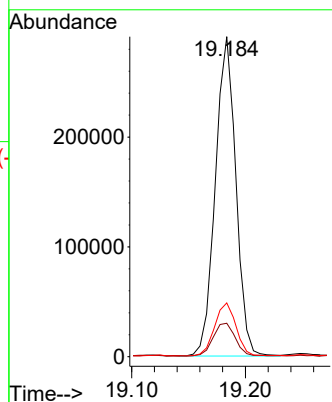
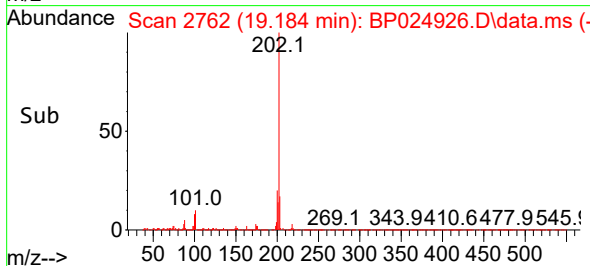
Instrument :
BNA_P
ClientSampleId :
TP-13-MHP-WC



Tgt Ion: 202 Resp: 36568
Ion Ratio Lower Upper
202 100
101 10.5 0.0 31.4
203 16.8 0.0 37.5

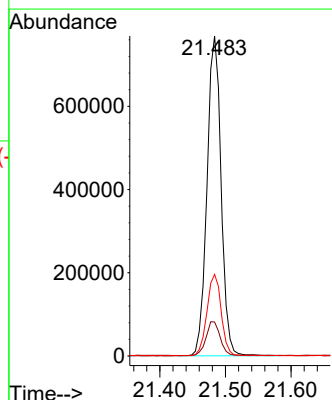
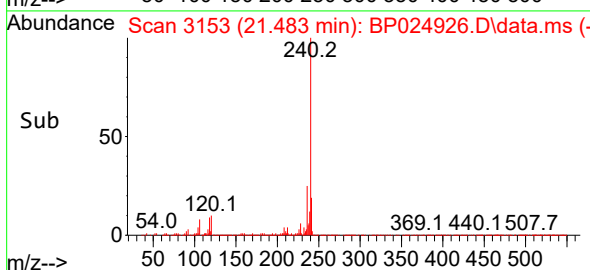
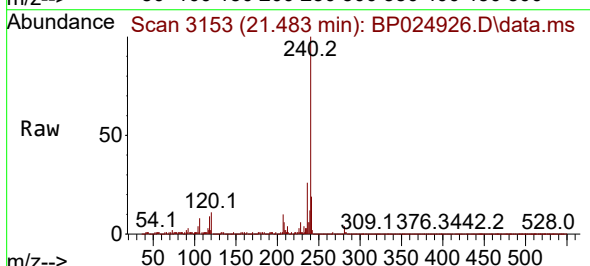
Manual Integrations
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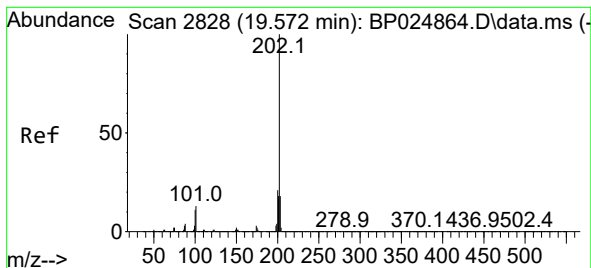
Reviewed By :Anahy Claudio 06/13/2025
Supervised By :Jagrut Upadhyay 06/13/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.483 min Scan# 3153
Delta R.T. 0.000 min
Lab File: BP024926.D
Acq: 12 Jun 2025 12:27

Tgt Ion: 240 Resp: 1148321
Ion Ratio Lower Upper
240 100
120 10.6 8.9 13.3
236 25.5 20.9 31.3





#78

Pyrene

Concen: 5.497 ng

RT: 19.560 min Scan# 2826

Delta R.T. -0.012 min

Lab File: BP024926.D

Acq: 12 Jun 2025 12:27

Instrument :

BNA_P

ClientSampleId :

TP-13-MHP-WC

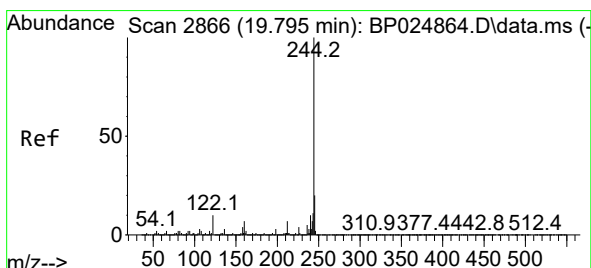
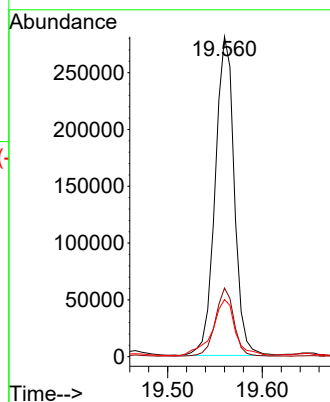
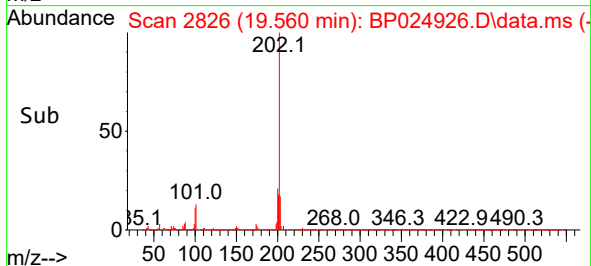
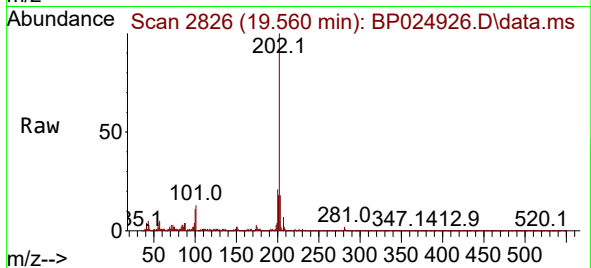
Tgt Ion:	202	Resp:	394372
Ion Ratio	Lower	Upper	
202	100		
200	21.4	17.1	25.7
203	17.9	14.0	21.0

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#79

Terphenyl-d14

Concen: 61.675 ng

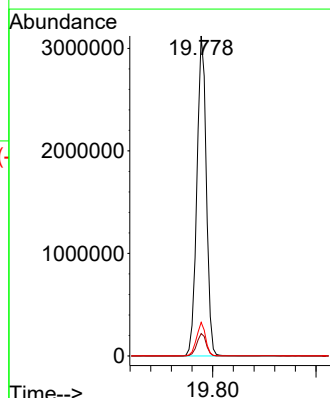
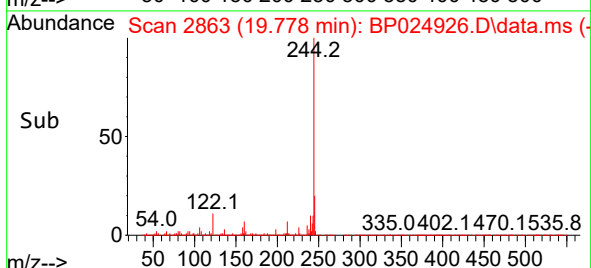
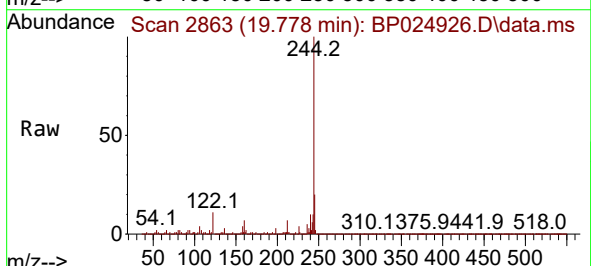
RT: 19.778 min Scan# 2863

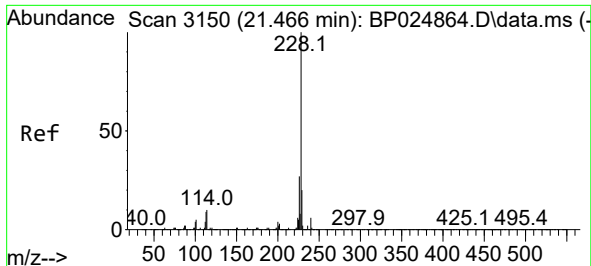
Delta R.T. -0.018 min

Lab File: BP024926.D

Acq: 12 Jun 2025 12:27

Tgt Ion:	244	Resp:	3951622
Ion Ratio	Lower	Upper	
244	100		
212	7.0	5.6	8.4
122	10.5	7.7	11.5





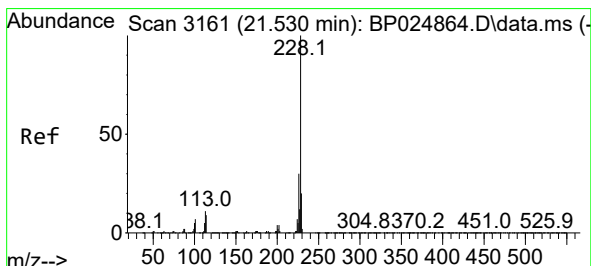
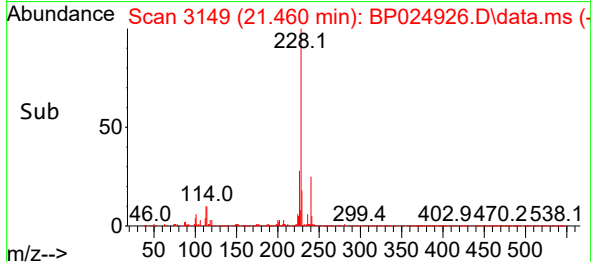
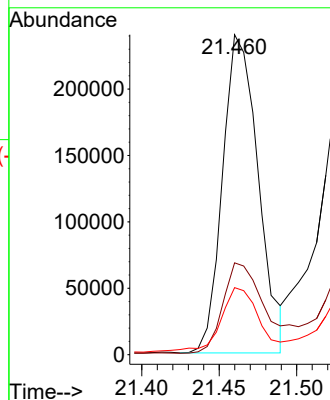
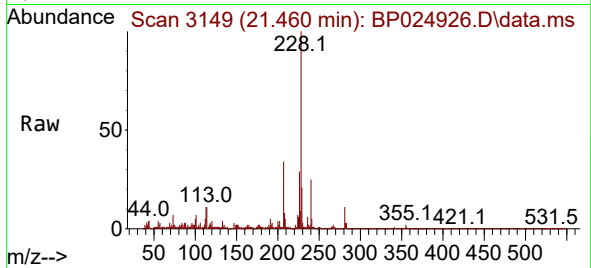
#81
Benzo(a)anthracene
Concen: 5.233 ng
RT: 21.460 min Scan# 3150
Delta R.T. -0.006 min
Lab File: BP024926.D
Acq: 12 Jun 2025 12:27

Instrument :
BNA_P
ClientSampleId :
TP-13-MHP-WC

Tgt Ion:228 Resp: 384309
Ion Ratio Lower Upper
228 100
226 28.7 22.1 33.1
229 21.0 15.9 23.9

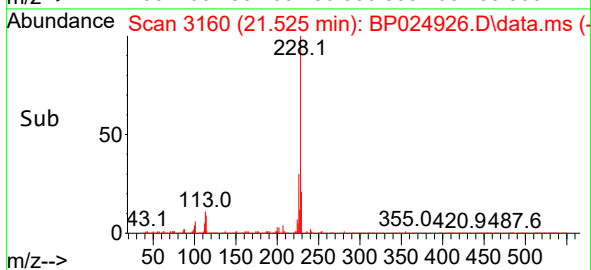
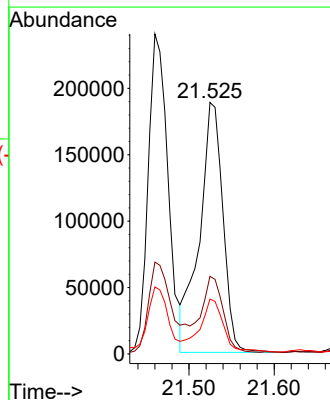
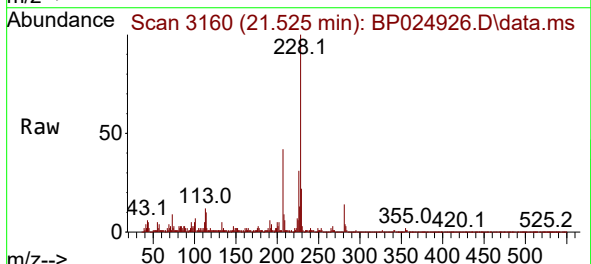
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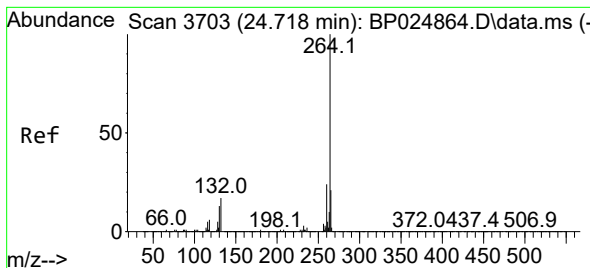
Reviewed By :Anahy Claudio 06/13/2025
Supervised By :Jagrut Upadhyay 06/13/2025



#83
Chrysene
Concen: 5.207 ng
RT: 21.525 min Scan# 3160
Delta R.T. -0.006 min
Lab File: BP024926.D
Acq: 12 Jun 2025 12:27

Tgt Ion:228 Resp: 362341
Ion Ratio Lower Upper
228 100
226 30.9 23.8 35.6
229 21.8 15.6 23.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.754 min Scan# 31

Delta R.T. 0.035 min

Lab File: BP024926.D

Acq: 12 Jun 2025 12:27

Instrument :

BNA_P

ClientSampleId :

TP-13-MHP-WC

Tgt Ion:264 Resp: 138068

Ion Ratio Lower Upper

264 100

260 23.6 19.0 28.4

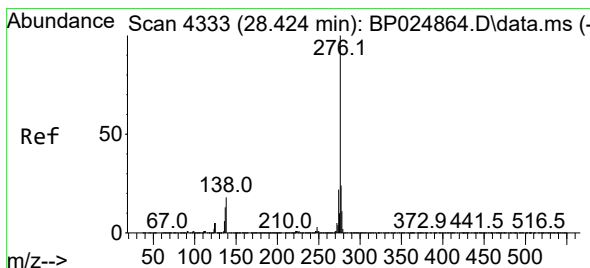
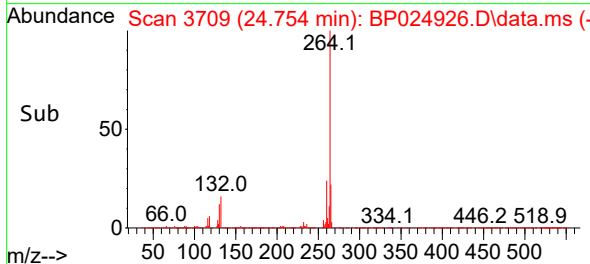
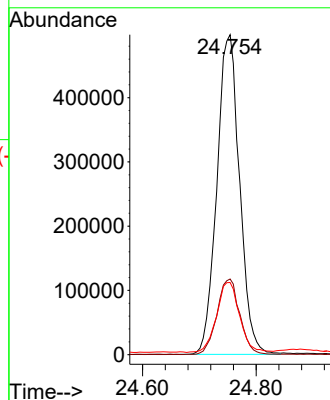
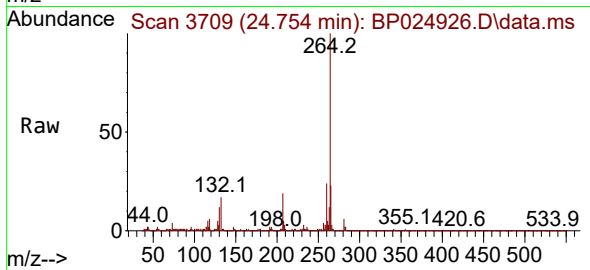
265 22.6 17.4 26.0

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Reviewed By :Anahy Claudio 06/13/2025

Supervised By :Jagrut Upadhyay 06/13/2025



#87

Indeno(1,2,3-cd)pyrene

Concen: 3.272 ng

RT: 28.442 min Scan# 4336

Delta R.T. 0.018 min

Lab File: BP024926.D

Acq: 12 Jun 2025 12:27

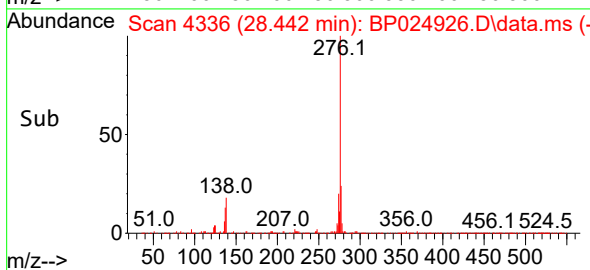
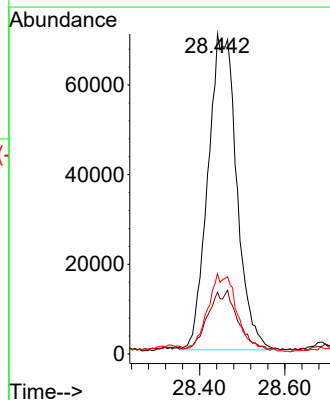
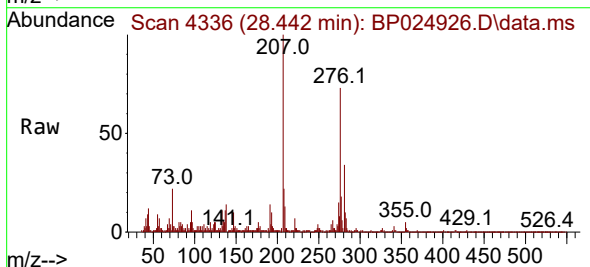
Tgt Ion:276 Resp: 329619

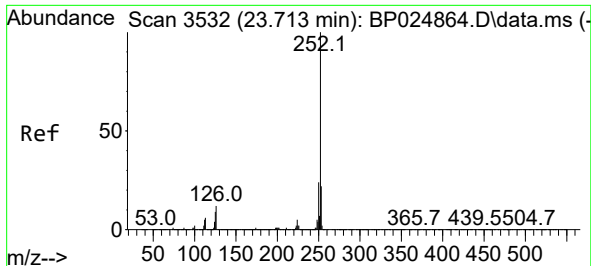
Ion Ratio Lower Upper

276 100

138 9.7 18.6 27.8#

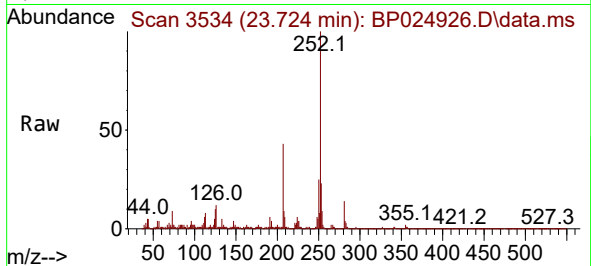
277 10.4 20.2 30.4#





#88
Benzo(b)fluoranthene
Concen: 7.485 ng
RT: 23.724 min Scan# 3532
Delta R.T. 0.012 min
Lab File: BP024926.D
Acq: 12 Jun 2025 12:27

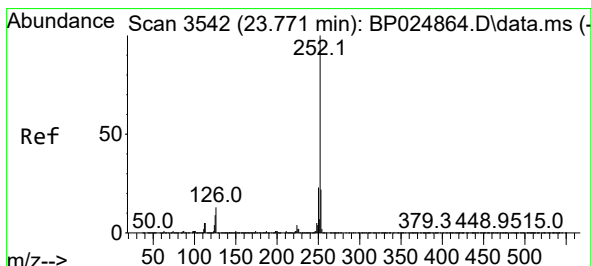
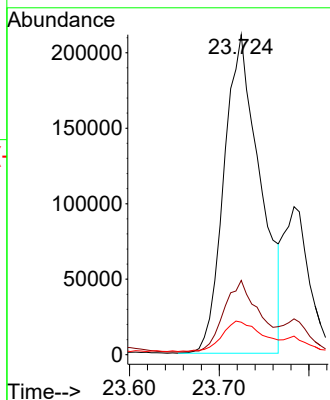
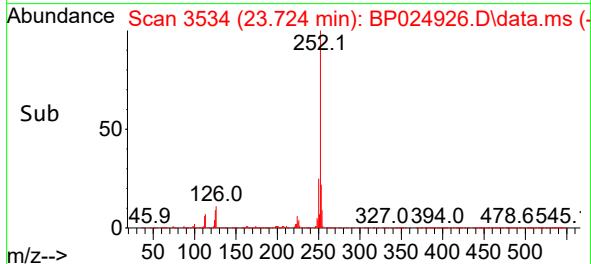
Instrument :
BNA_P
ClientSampleId :
TP-13-MHP-WC



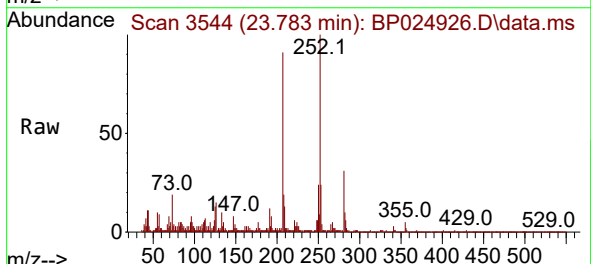
Tgt Ion:252 Resp: 591464
Ion Ratio Lower Upper
252 100
253 23.2 17.6 26.4
125 10.2 7.1 10.7

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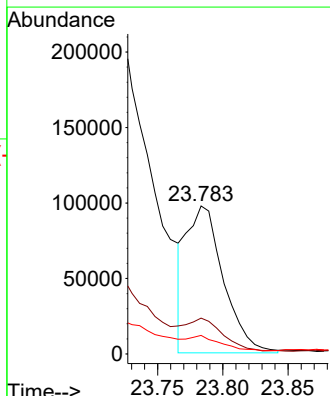
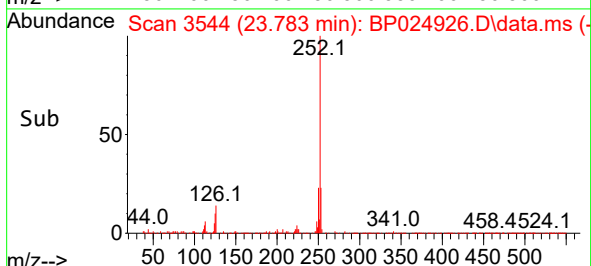
Reviewed By :Anahy Claudio 06/13/2025
Supervised By :Jagrut Upadhyay 06/13/2025

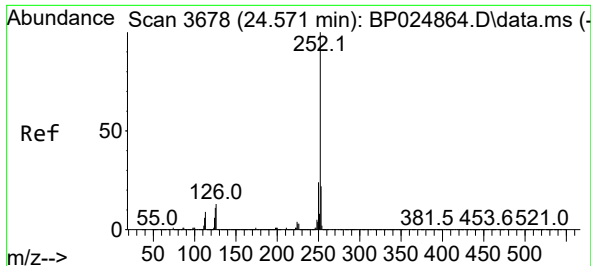


#89
Benzo(k)fluoranthene
Concen: 2.384 ng m
RT: 23.783 min Scan# 3544
Delta R.T. 0.012 min
Lab File: BP024926.D
Acq: 12 Jun 2025 12:27



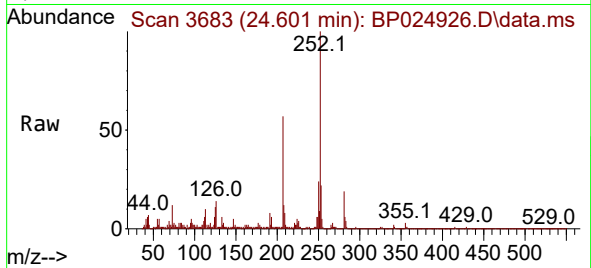
Tgt Ion:252 Resp: 191775
Ion Ratio Lower Upper
252 100
253 24.2 17.7 26.5
125 12.6 7.4 11.0#





#90
Benzo(a)pyrene
Concen: 5.629 ng
RT: 24.601 min Scan# 30
Delta R.T. 0.029 min
Lab File: BP024926.D
Acq: 12 Jun 2025 12:27

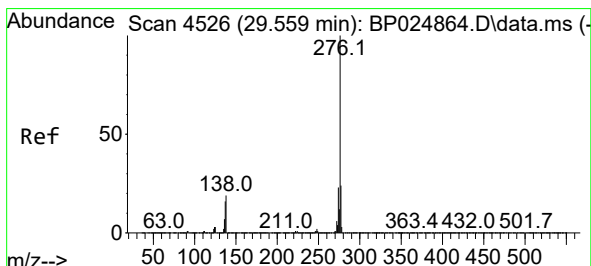
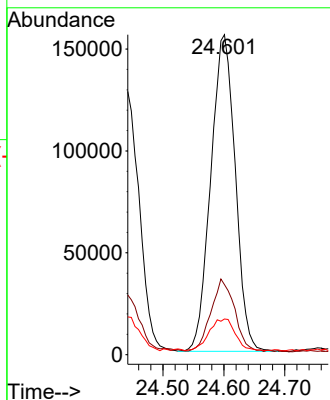
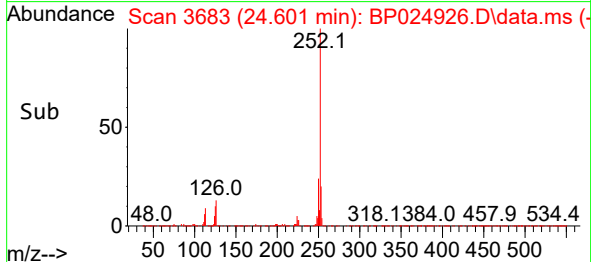
Instrument :
BNA_P
ClientSampleId :
TP-13-MHP-WC



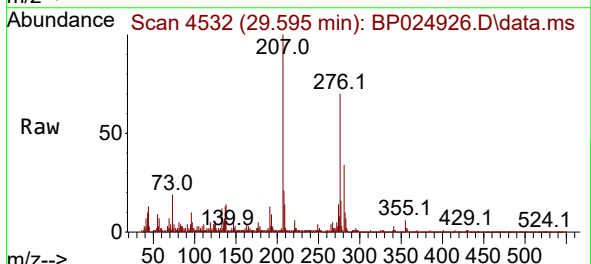
Tgt Ion:252 Resp: 434370
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 11.1 8.8 13.2

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Reviewed By :Anahy Claudio 06/13/2025
Supervised By :Jagrut Upadhyay 06/13/2025



#92
Benzo(g,h,i)perylene
Concen: 4.011 ng
RT: 29.595 min Scan# 4532
Delta R.T. 0.035 min
Lab File: BP024926.D
Acq: 12 Jun 2025 12:27



Tgt Ion:276 Resp: 326296
Ion Ratio Lower Upper
276 100
277 23.6 19.1 28.7
138 20.2 15.4 23.2

