

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072425\
 Data File : BP025245.D
 Acq On : 24 Jul 2025 16:50
 Operator : CG/JU
 Sample : Q2481-13 10X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CC0627-CLOXPL

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 07/25/2025
 Supervised By :Jagrut Upadhyay 07/25/2025

Quant Time: Jul 24 17:28:43 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 22 02:55:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.437	152	459498	20.000	ng	0.00
21) Naphthalene-d8	10.178	136	1166103	20.000	ng	# 0.00
39) Acenaphthene-d10	14.095	164	4344m	20.000	ng	0.02
64) Phenanthrene-d10	16.889	188	1393965	20.000	ng	# 0.00
76) Chrysene-d12	21.324	240	1310534	20.000	ng	# 0.00
86) Perylene-d12	24.471	264	8832	20.000	ng	# 0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.131	112	60381	2.220	ng	0.03
7) Phenol-d6	0.000	99	0d	0.000	ng	
23) Nitrobenzene-d5	8.566	82	329335	15.695	ng	0.00
42) 2,4,6-Tribromophenol	15.607	330	197724	3087.501	ng	0.00
45) 2-Fluorobiphenyl	12.684	172	786313	2551.923	ng	0.00
79) Terphenyl-d14	19.654	244	1050314	15.821	ng	0.00
Target Compounds						
25) Isophorone	9.196	82	200737	5.440	ng	# 98

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

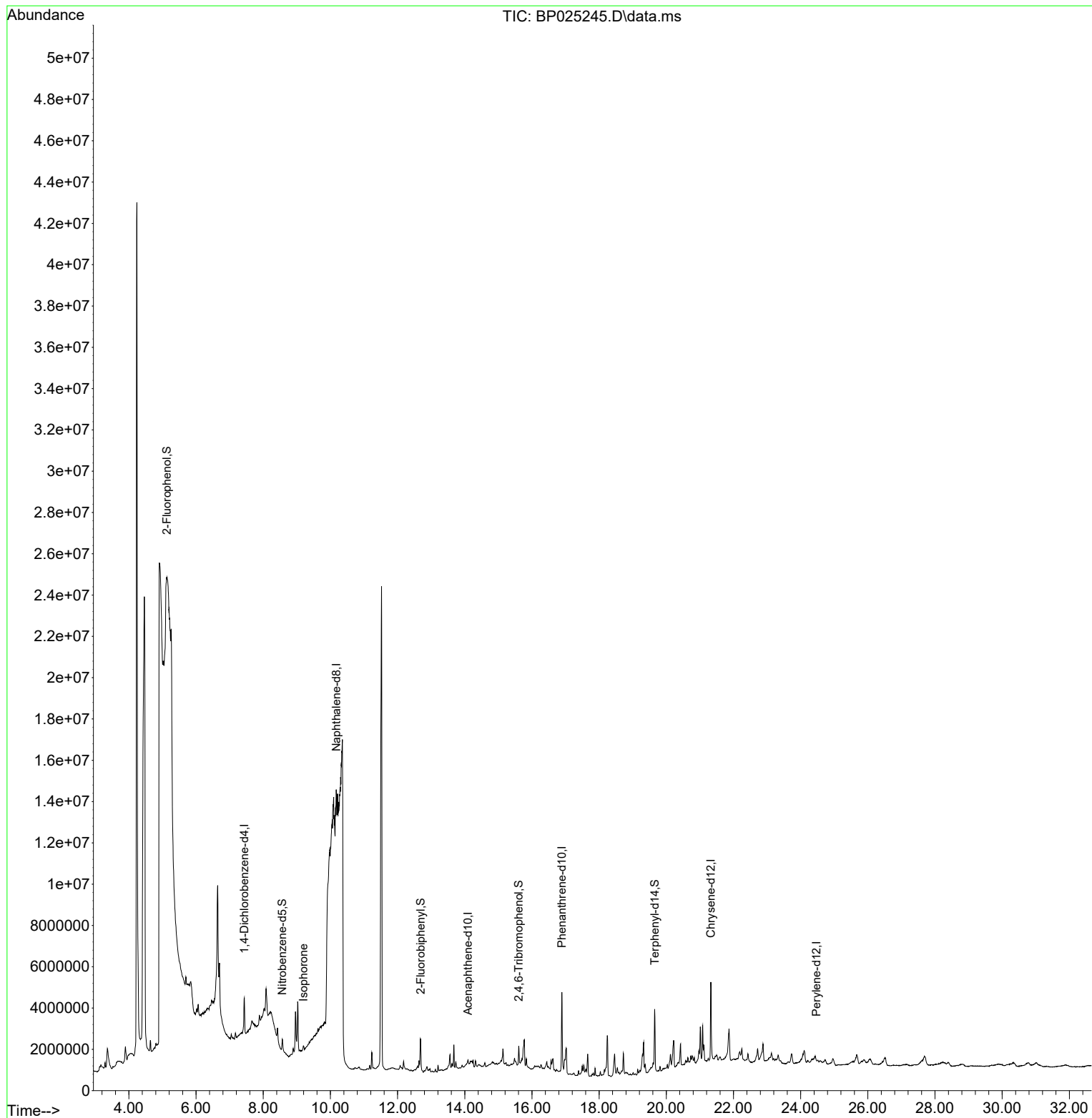
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072425\
Data File : BP025245.D
Acq On : 24 Jul 2025 16:50
Operator : CG/JU
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ALS Vial : 12 Sample Multiplier: 1

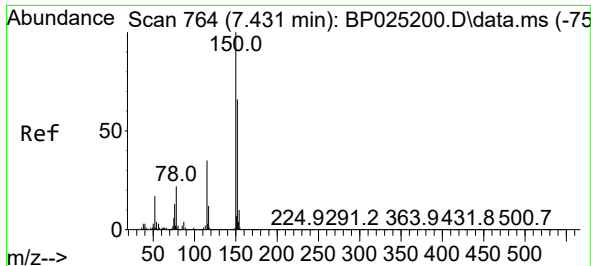
Instrument :
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Quant Time: Jul 24 17:28:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
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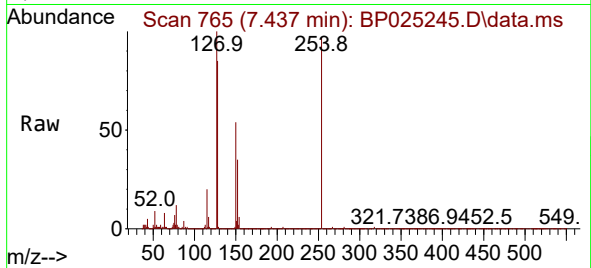
Reviewed By :Rahul Chavli 07/25/2025
Supervised By :Jagrut Upadhyay 07/25/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.437 min Scan# 70
Delta R.T. 0.006 min
Lab File: BP025245.D
Acq: 24 Jul 2025 16:50

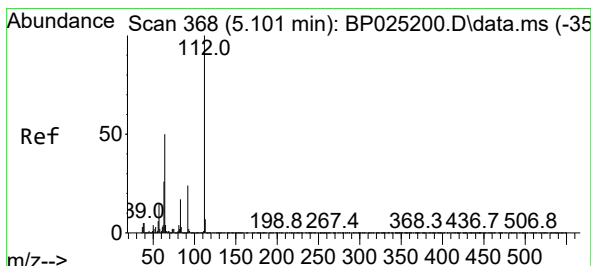
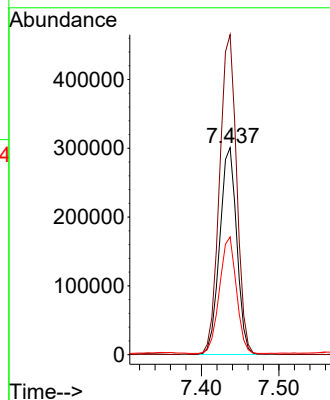
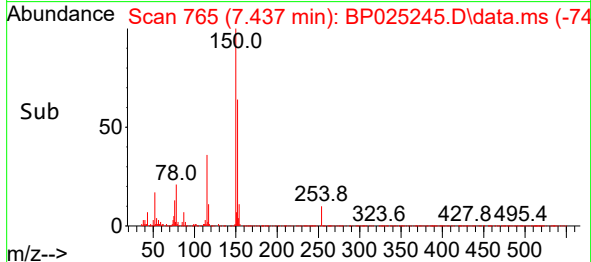
Instrument :
BNA_P
ClientSampleId :
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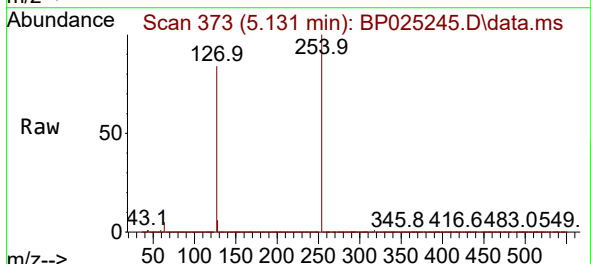
Tgt Ion:152 Resp: 459498
Ion Ratio Lower Upper
152 100
150 154.5 121.9 182.9
115 56.8 43.0 64.6

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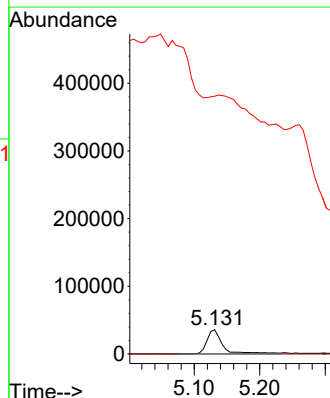
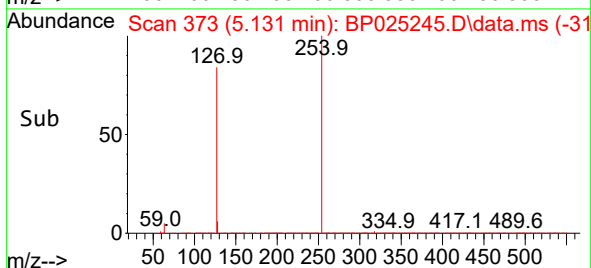
Reviewed By :Rahul Chavli 07/25/2025
Supervised By :Jagrut Upadhyay 07/25/2025

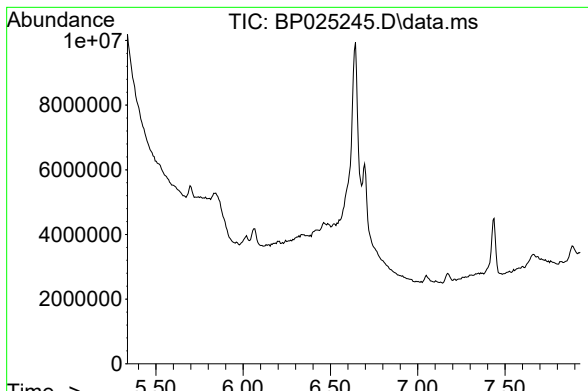


#5
2-Fluorophenol
Concen: 2.220 ng
RT: 5.131 min Scan# 373
Delta R.T. 0.030 min
Lab File: BP025245.D
Acq: 24 Jul 2025 16:50



Tgt Ion:112 Resp: 60381
Ion Ratio Lower Upper
112 100
64 0.0 39.8 59.6#
63 1058.0 20.5 30.7#





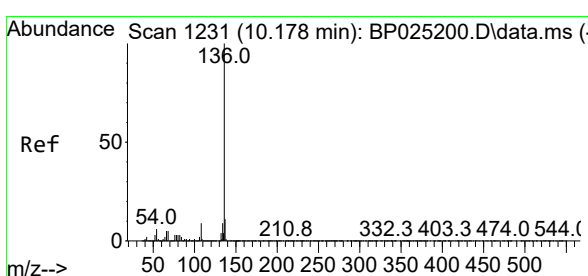
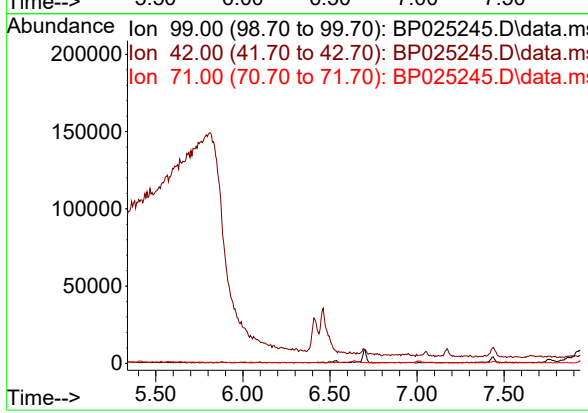
#7
 Phenol-d6
 Concen: 0.000 ng
 Expected RT: 6.64 min
 Lab File: BP025245.D
 Acq: 24 Jul 2025 16:50

Instrument :
 BNA_P
ClientSampleId :
 CC0627-CLOXPL

Tgt Ion: 99

Sig	Exp Ratio
99	100
42	15.6
71	30.2

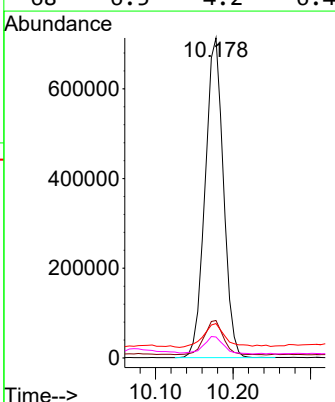
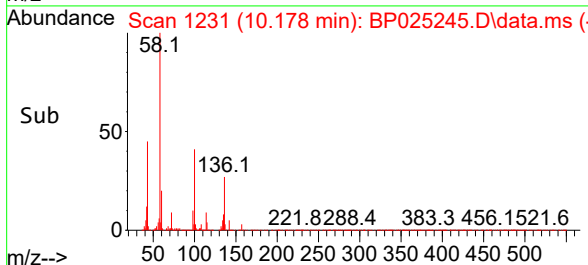
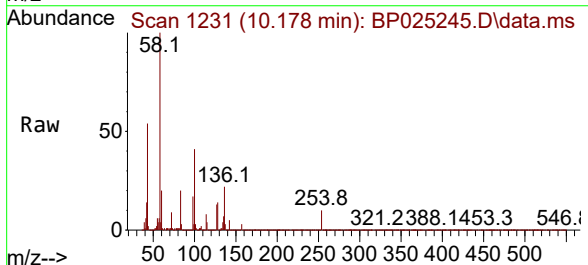
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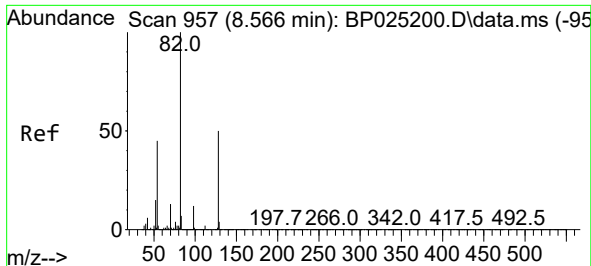


#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.178 min Scan# 1231
 Delta R.T. 0.000 min
 Lab File: BP025245.D
 Acq: 24 Jul 2025 16:50

Tgt Ion:136 Resp: 1166103

Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.8	13.2
54	10.8	5.1	7.7#
68	6.5	4.2	6.4#





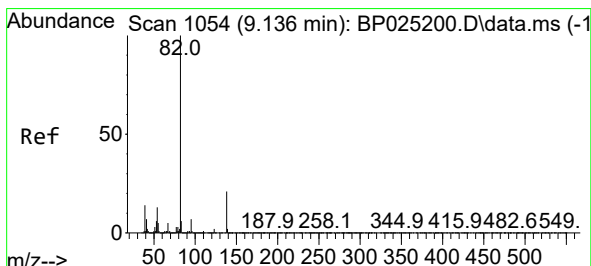
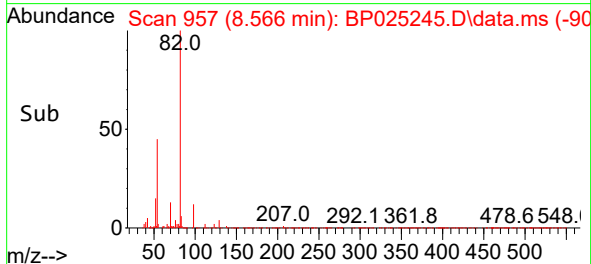
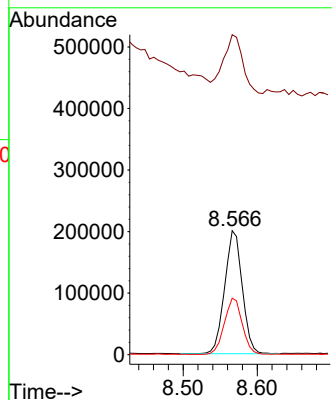
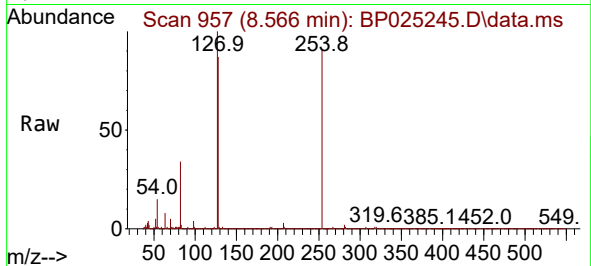
#23
Nitrobenzene-d5
Concen: 15.695 ng
RT: 8.566 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP025245.D
Acq: 24 Jul 2025 16:50

Instrument :
BNA_P
ClientSampleId :
CC0627-CLOXPL

Tgt Ion: 82 Resp: 329335
Ion Ratio Lower Upper
82 100
128 258.0 40.2 60.4
54 45.5 36.3 54.5

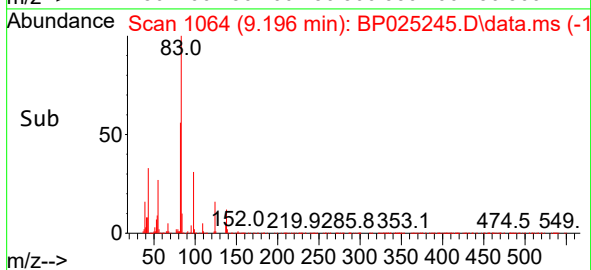
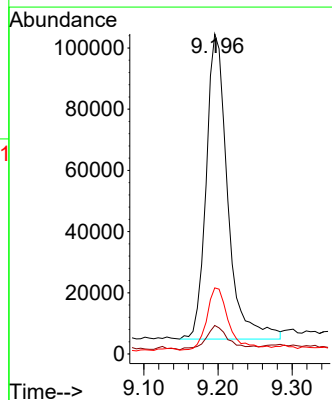
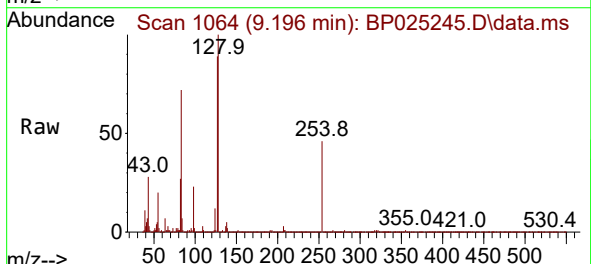
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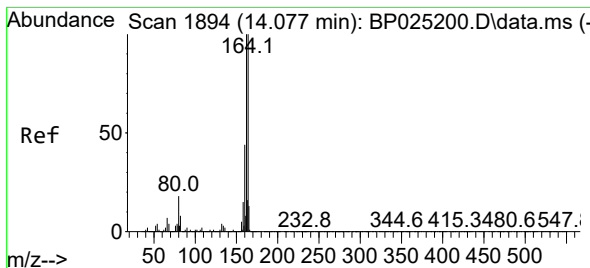
Reviewed By :Rahul Chavli 07/25/2025
Supervised By :Jagrut Upadhyay 07/25/2025



#25
Isophorone
Concen: 5.440 ng
RT: 9.196 min Scan# 1064
Delta R.T. 0.059 min
Lab File: BP025245.D
Acq: 24 Jul 2025 16:50

Tgt Ion: 82 Resp: 200737
Ion Ratio Lower Upper
82 100
95 8.9 5.6 8.4
138 20.7 16.6 25.0





#39

Acenaphthene-d10

Concen: 20.000 ng m

RT: 14.095 min Scan# 1897

Delta R.T. 0.018 min

Lab File: BP025245.D

Acq: 24 Jul 2025 16:50

Instrument :

BNA_P

ClientSampleId :

CC0627-CLOXPL

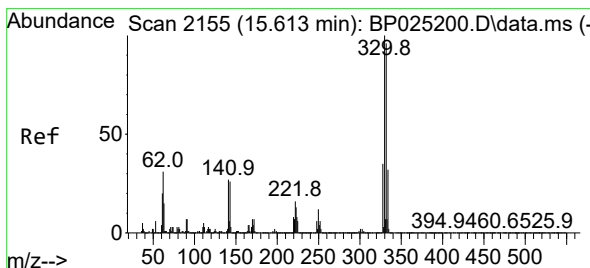
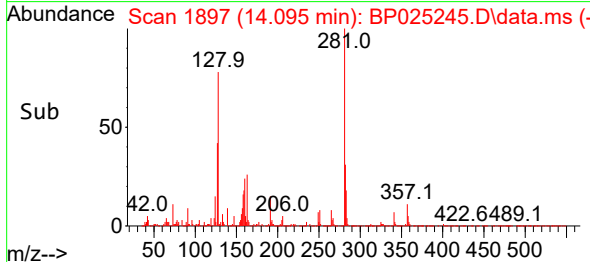
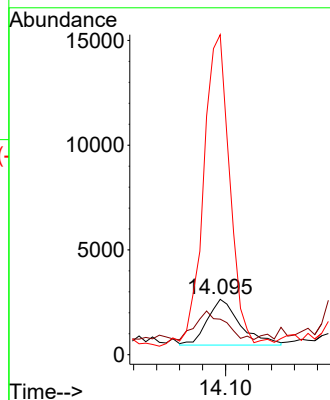
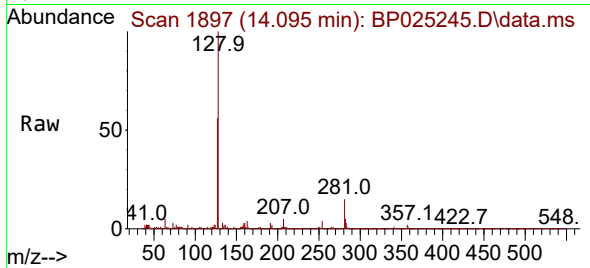
Tgt Ion:164	Resp:	4344
Ion Ratio	Lower	Upper
164	100	
162	64.1	80.3 120.5
160	577.3	35.7 53.5

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Supervised By :Jagrut Upadhyay 07/25/2025



#42

2,4,6-Tribromophenol

Concen: 3087.501 ng

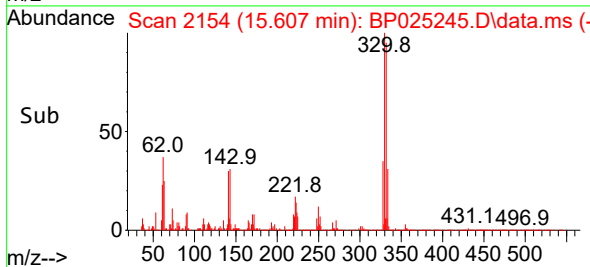
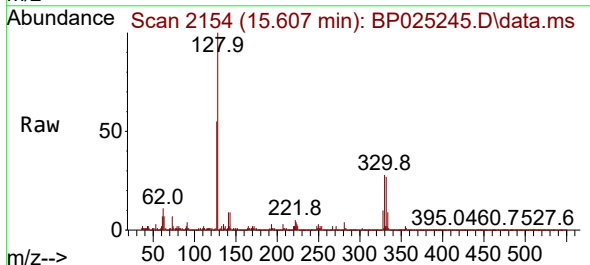
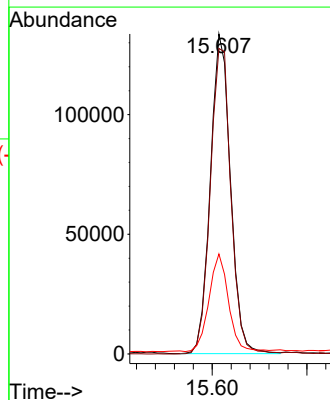
RT: 15.607 min Scan# 2154

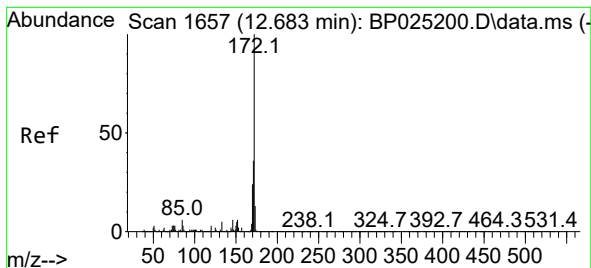
Delta R.T. -0.006 min

Lab File: BP025245.D

Acq: 24 Jul 2025 16:50

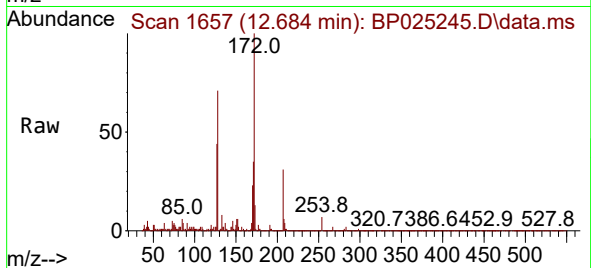
Tgt Ion:330	Resp:	197724
Ion Ratio	Lower	Upper
330	100	
332	98.0	77.1 115.7
141	29.7	22.4 33.6





#45
2-Fluorobiphenyl
Concen: 2551.923 ng
RT: 12.684 min Scan# 1657
Delta R.T. 0.000 min
Lab File: BP025245.D
Acq: 24 Jul 2025 16:50

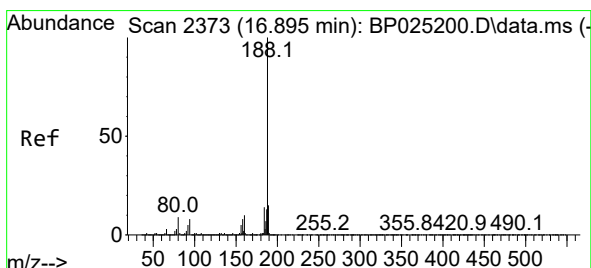
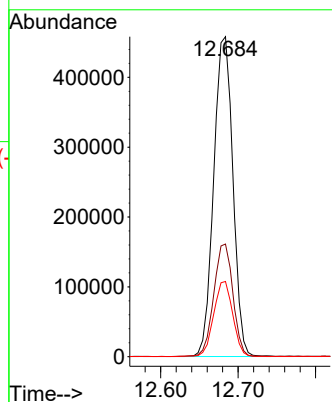
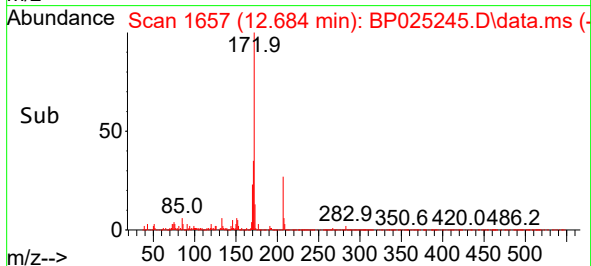
Instrument :
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Tgt Ion:172 Resp: 786311
Ion Ratio Lower Upper
172 100
171 35.2 28.8 43.2
170 23.5 19.2 28.8

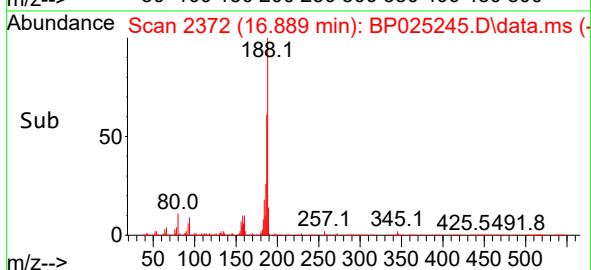
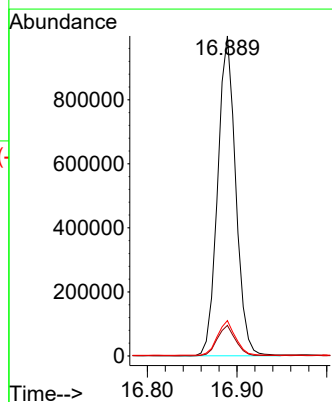
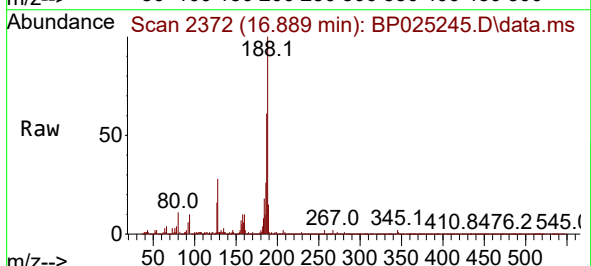
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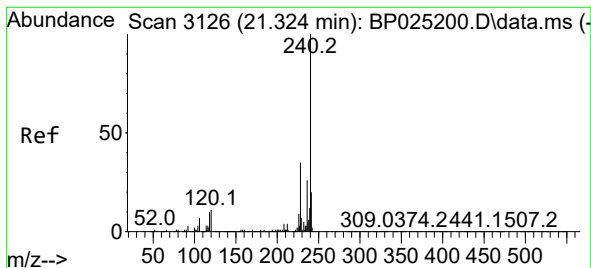
Reviewed By :Rahul Chavli 07/25/2025
Supervised By :Jagrut Upadhyay 07/25/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.889 min Scan# 2372
Delta R.T. -0.006 min
Lab File: BP025245.D
Acq: 24 Jul 2025 16:50

Tgt Ion:188 Resp: 1393965
Ion Ratio Lower Upper
188 100
94 9.6 6.8 10.2
80 11.1 7.3 10.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.324 min Scan# 3126

Delta R.T. 0.000 min

Lab File: BP025245.D

Acq: 24 Jul 2025 16:50

Instrument :

BNA_P

ClientSampleId :

CC0627-CLOXPL

Tgt Ion:240 Resp: 1310534

Ion Ratio Lower Upper

240 100

120 12.2 8.8 13.2

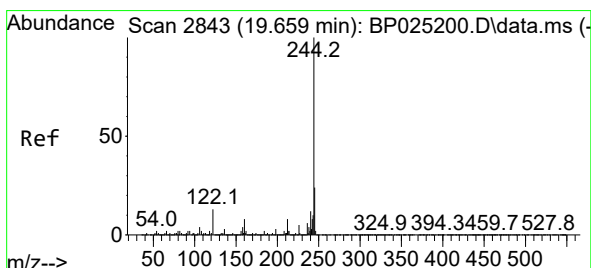
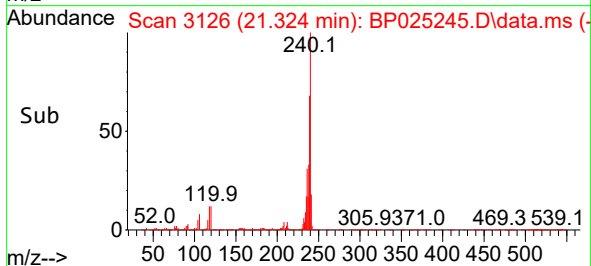
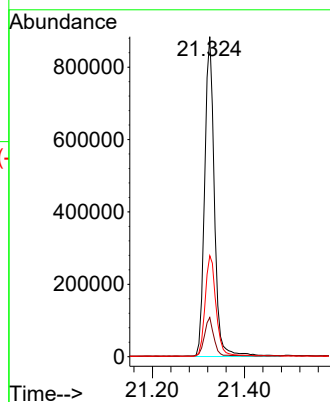
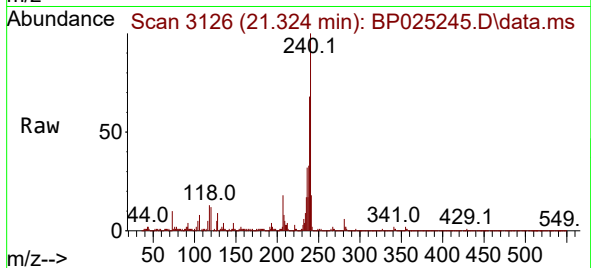
236 31.5 20.9 31.3

Manual Integrations

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Supervised By :Jagrut Upadhyay 07/25/2025



#79

Terphenyl-d14

Concen: 15.821 ng

RT: 19.654 min Scan# 2842

Delta R.T. -0.005 min

Lab File: BP025245.D

Acq: 24 Jul 2025 16:50

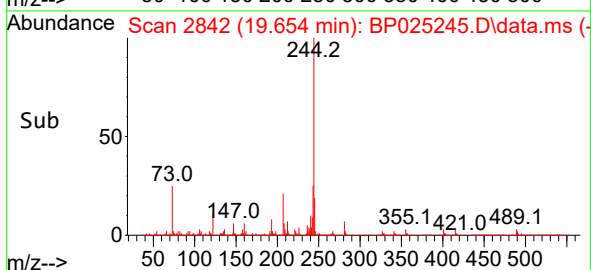
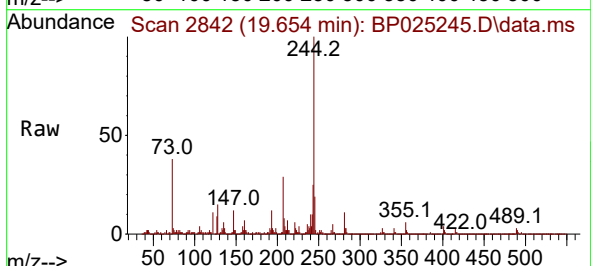
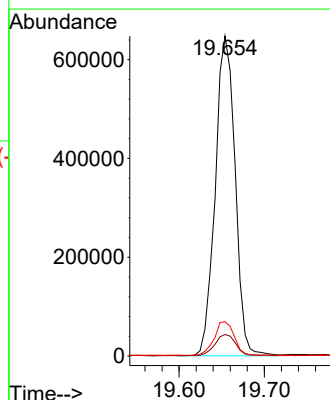
Tgt Ion:244 Resp: 1050314

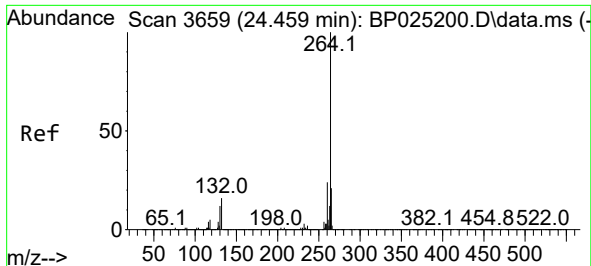
Ion Ratio Lower Upper

244 100

212 6.7 6.6 9.8

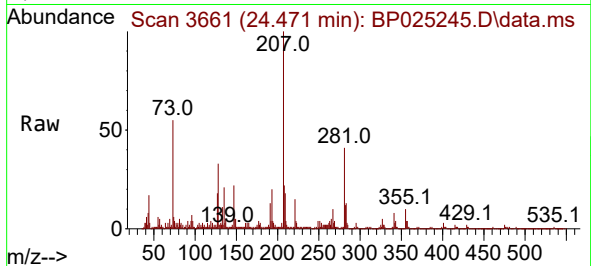
122 10.7 10.3 15.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.471 min Scan# 30
 Delta R.T. 0.012 min
 Lab File: BP025245.D
 Acq: 24 Jul 2025 16:50

Instrument :
 BNA_P
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Tgt Ion: 264 Resp: 883
 Ion Ratio Lower Upper
 264 100
 260 102.5 19.0 28.6
 265 195.9 17.5 26.3

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