

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP050825\  
 Data File : BP024581.D  
 Acq On : 08 May 2025 23:43  
 Operator : RC/JU  
 Sample : Q1972-16  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 WC-B-7

Manual Integrations  
 APPROVED

Reviewed By :Rahul Chavli 05/09/2025  
 Supervised By :Jagrut Upadhyay 05/09/2025

Quant Time: May 09 01:41:12 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP041425.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Apr 18 12:04:48 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.699  | 152  | 113178   | 20.000  | ng    | -0.02    |
| 21) Naphthalene-d8          | 10.475 | 136  | 419918   | 20.000  | ng    | #-0.02   |
| 39) Acenaphthene-d10        | 14.334 | 164  | 241359   | 20.000  | ng    | -0.02    |
| 64) Phenanthrene-d10        | 17.128 | 188  | 507564   | 20.000  | ng    | #-0.02   |
| 76) Chrysene-d12            | 21.563 | 240  | 668848   | 20.000  | ng    | #-0.03   |
| 86) Perylene-d12            | 24.880 | 264  | 786646   | 20.000  | ng    | -0.05    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.328  | 112  | 852021   | 124.475 | ng    | -0.02    |
| 7) Phenol-d6                | 6.893  | 99   | 933886   | 99.640  | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 8.852  | 82   | 690823   | 93.808  | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol    | 15.845 | 330  | 574367   | 172.001 | ng    | -0.02    |
| 45) 2-Fluorobiphenyl        | 12.945 | 172  | 1533682  | 97.292  | ng    | -0.02    |
| 79) Terphenyl-d14           | 19.845 | 244  | 3064768  | 92.360  | ng    | -0.03    |
| Target Compounds            |        |      |          |         |       |          |
| 77) Benzidine               | 19.486 | 184  | 28225m   | 3.329   | ng    | Qvalue   |
| -----                       |        |      |          |         |       |          |

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

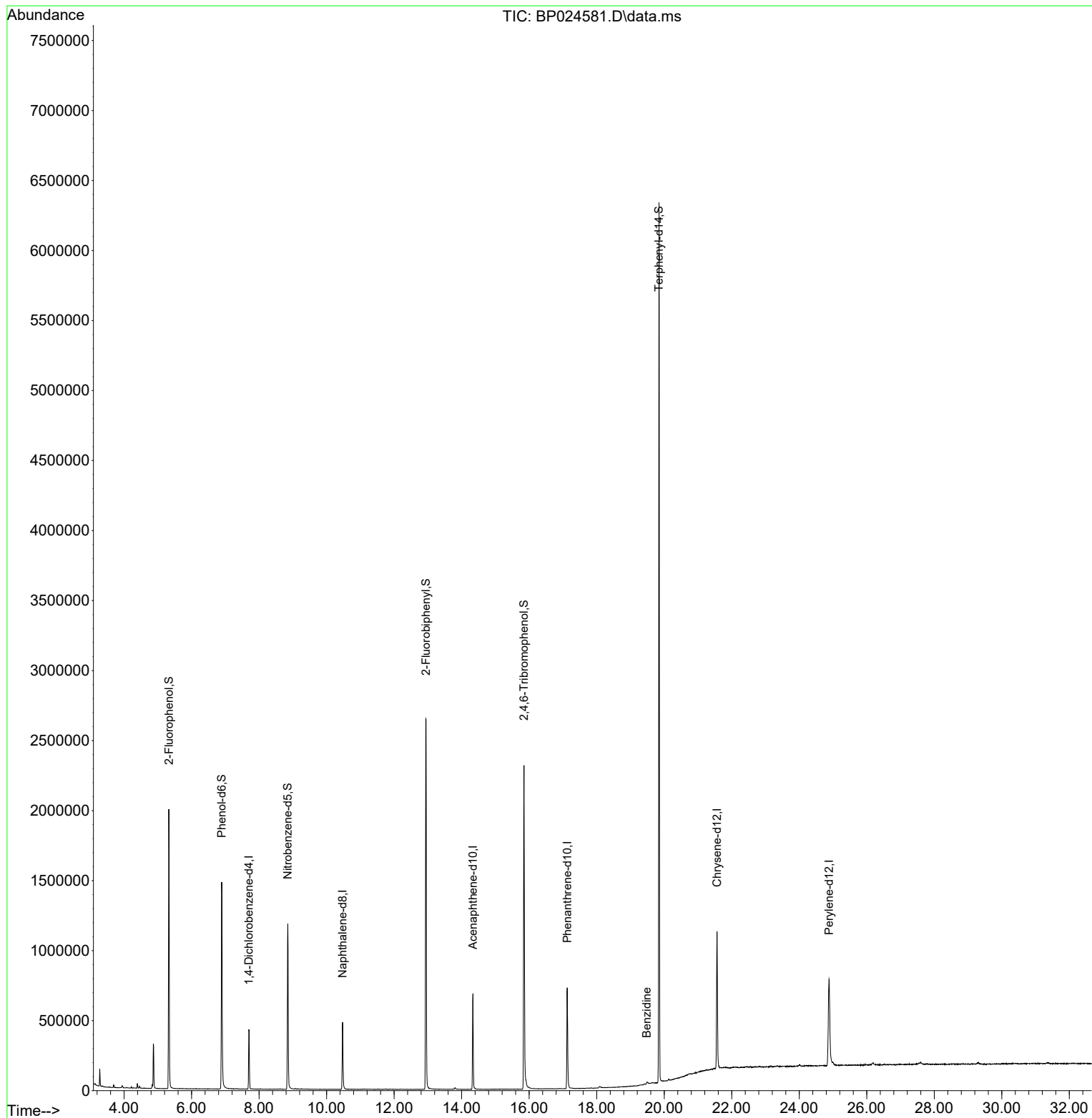
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP050825\  
Data File : BP024581.D  
Acq On : 08 May 2025 23:43  
Operator : RC/JU  
Sample : Q1972-16  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

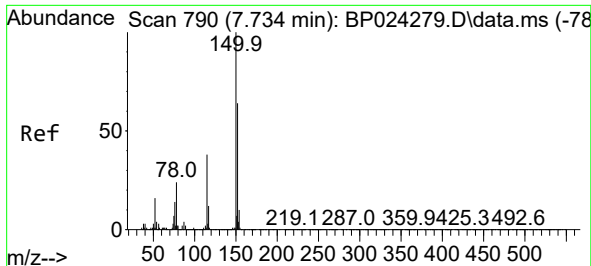
Instrument :  
BNA\_P  
ClientSampleId :  
WC-B-7

Quant Time: May 09 01:41:12 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP041425.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Apr 18 12:04:48 2025  
Response via : Initial Calibration

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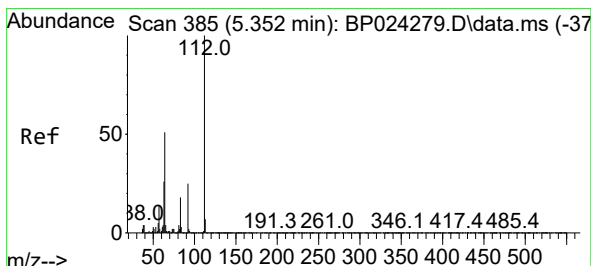
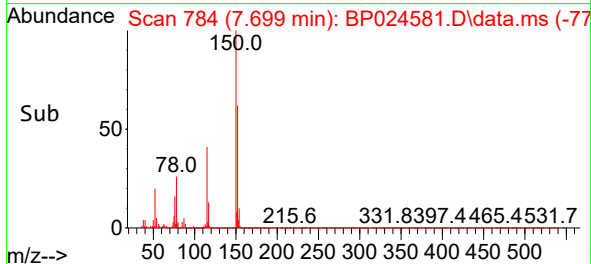
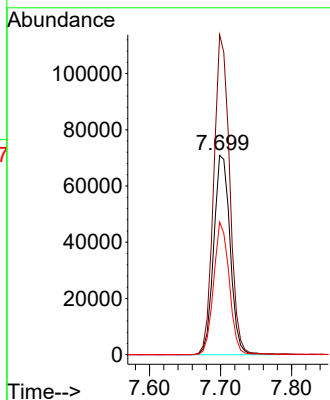
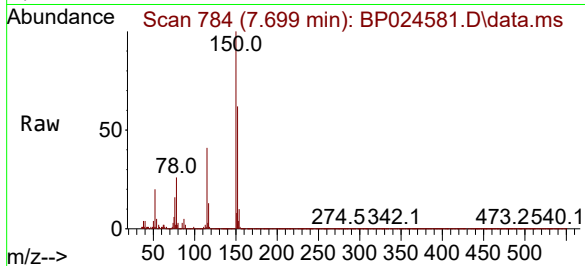
#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.699 min Scan# 71  
Delta R.T. -0.023 min  
Lab File: BP024581.D  
Acq: 08 May 2025 23:43

Instrument :  
BNA\_P  
ClientSampleId :  
WC-B-7

Tgt Ion:152 Resp: 113178  
Ion Ratio Lower Upper  
152 100  
150 160.5 124.9 187.3  
115 66.6 47.7 71.5

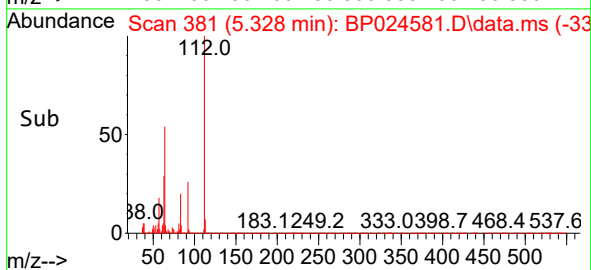
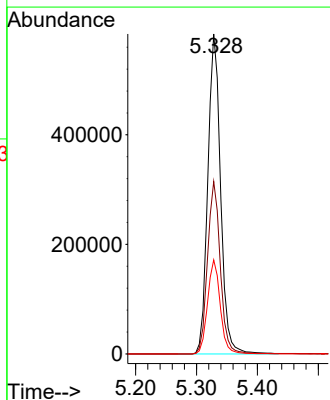
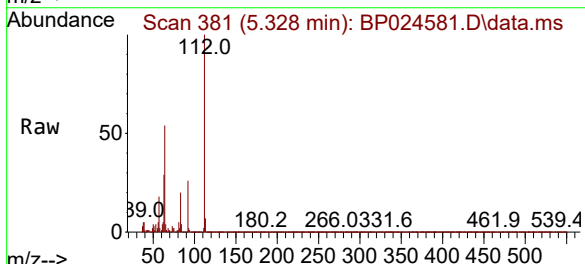
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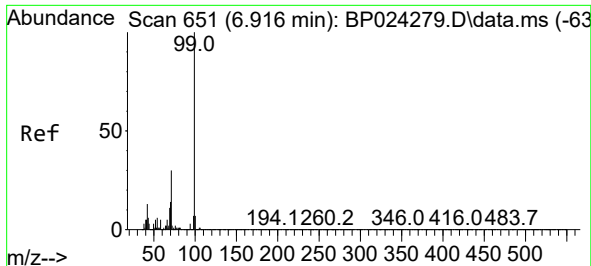
Reviewed By :Rahul Chavli 05/09/2025  
Supervised By :Jagrut Upadhyay 05/09/2025



#5  
2-Fluorophenol  
Concen: 124.475 ng  
RT: 5.328 min Scan# 381  
Delta R.T. -0.018 min  
Lab File: BP024581.D  
Acq: 08 May 2025 23:43

Tgt Ion:112 Resp: 852021  
Ion Ratio Lower Upper  
112 100  
64 53.9 41.1 61.7  
63 29.4 20.6 30.8





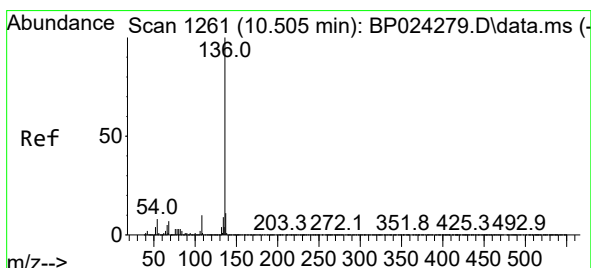
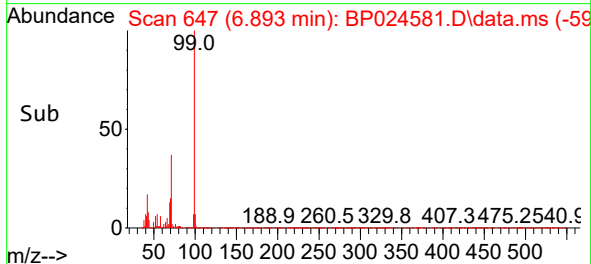
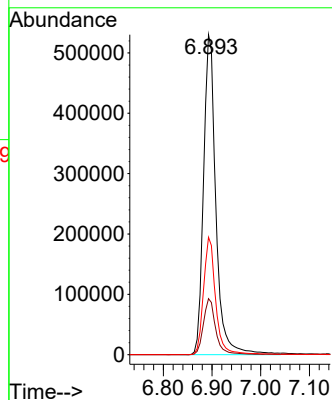
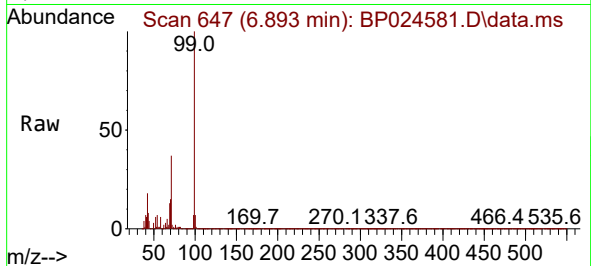
#7  
Phenol-d6  
Concen: 99.640 ng  
RT: 6.893 min Scan# 647  
Delta R.T. -0.018 min  
Lab File: BP024581.D  
Acq: 08 May 2025 23:43

Instrument :  
BNA\_P  
ClientSampleId :  
WC-B-7

Tgt Ion: 99 Resp: 93388  
Ion Ratio Lower Upper  
99 100  
42 17.5 10.6 16.0  
71 36.7 23.7 35.5

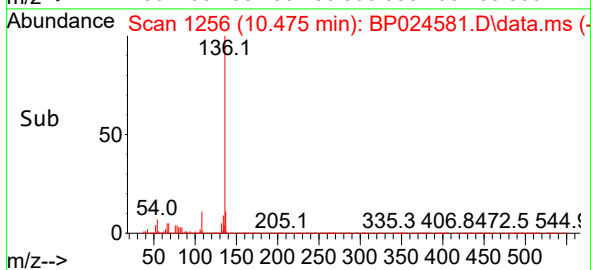
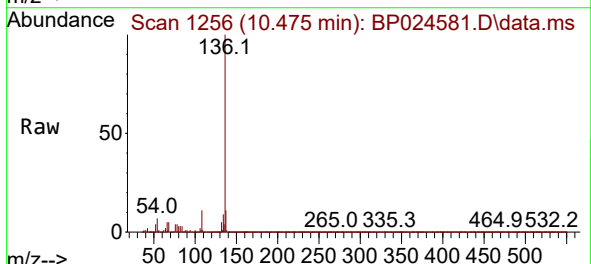
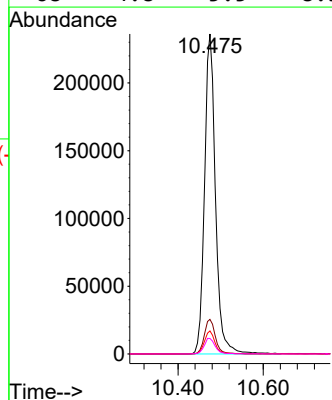
Manual Integrations  
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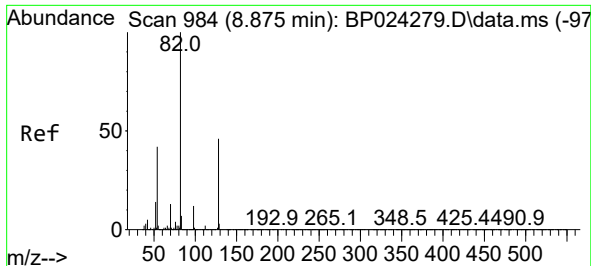
Reviewed By :Rahul Chavli 05/09/2025  
Supervised By :Jagrut Upadhyay 05/09/2025



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.475 min Scan# 1256  
Delta R.T. -0.023 min  
Lab File: BP024581.D  
Acq: 08 May 2025 23:43

Tgt Ion:136 Resp: 419918  
Ion Ratio Lower Upper  
136 100  
137 10.8 9.2 13.8  
54 7.2 6.0 9.0  
68 4.8 5.5 8.3





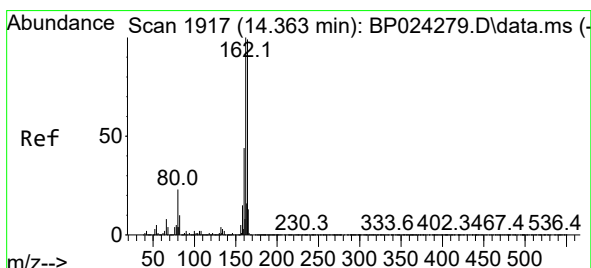
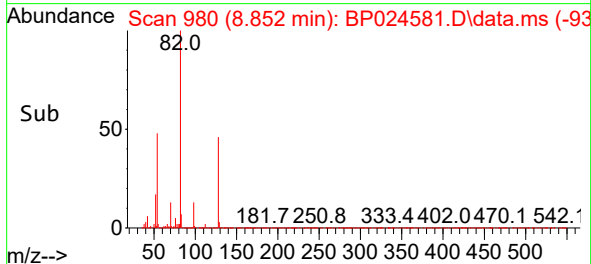
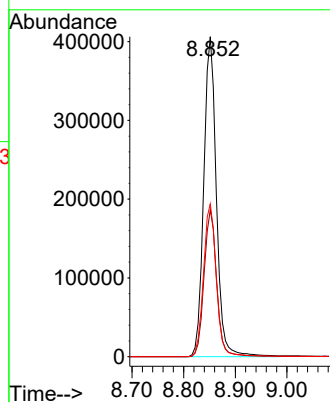
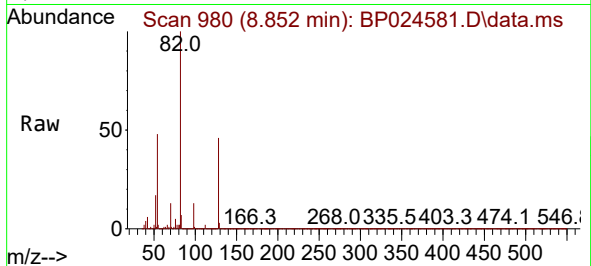
#23  
Nitrobenzene-d5  
Concen: 93.808 ng  
RT: 8.852 min Scan# 91  
Delta R.T. -0.018 min  
Lab File: BP024581.D  
Acq: 08 May 2025 23:43

Instrument :  
BNA\_P  
ClientSampleId :  
WC-B-7

Tgt Ion: 82 Resp: 69082  
Ion Ratio Lower Upper  
82 100  
128 45.9 36.5 54.7  
54 47.7 33.4 50.2

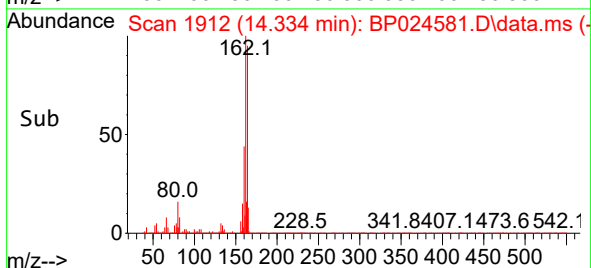
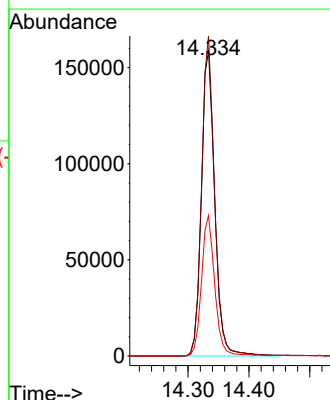
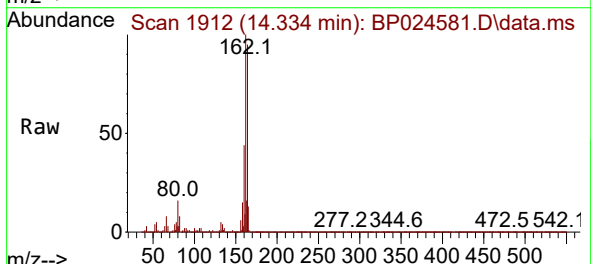
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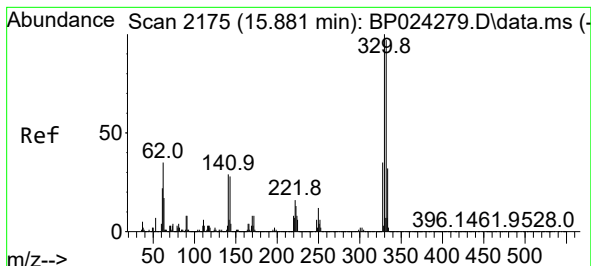
Reviewed By :Rahul Chavli 05/09/2025  
Supervised By :Jagrut Upadhyay 05/09/2025



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.334 min Scan# 1912  
Delta R.T. -0.018 min  
Lab File: BP024581.D  
Acq: 08 May 2025 23:43

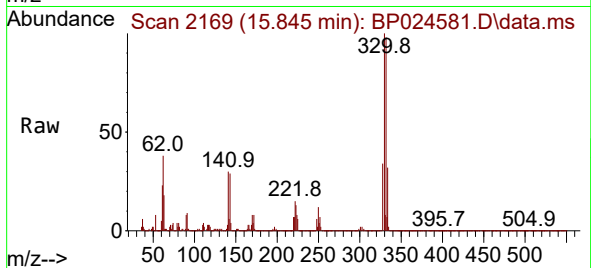
Tgt Ion:164 Resp: 241359  
Ion Ratio Lower Upper  
164 100  
162 104.9 80.6 120.8  
160 46.1 35.3 52.9





#42  
2,4,6-Tribromophenol  
Concen: 172.001 ng  
RT: 15.845 min Scan# 2175  
Delta R.T. -0.018 min  
Lab File: BP024581.D  
Acq: 08 May 2025 23:43

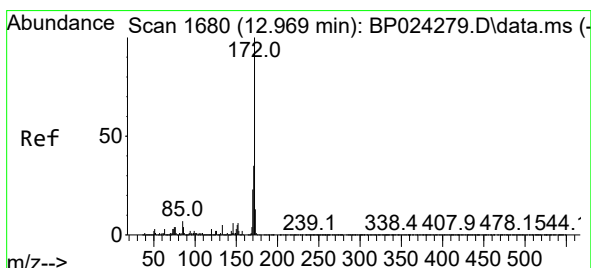
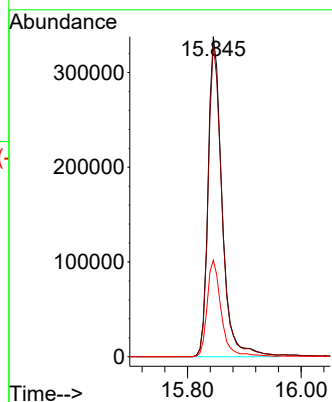
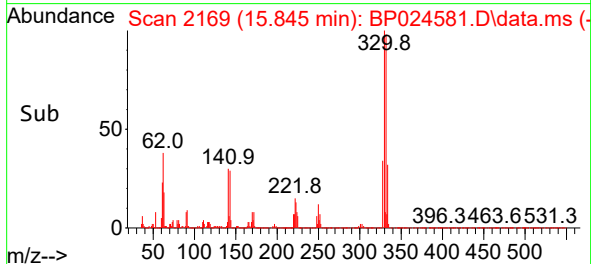
Instrument :  
BNA\_P  
ClientSampleId :  
WC-B-7



Tgt Ion: 330 Resp: 57436  
Ion Ratio Lower Upper  
330 100  
332 96.7 77.1 115.7  
141 30.4 24.7 37.1

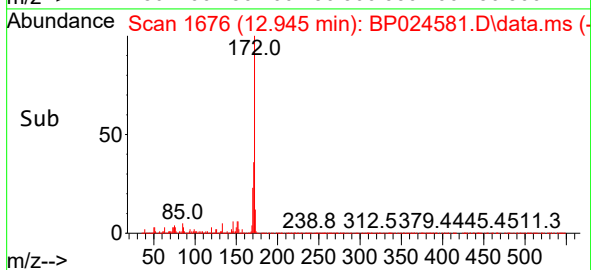
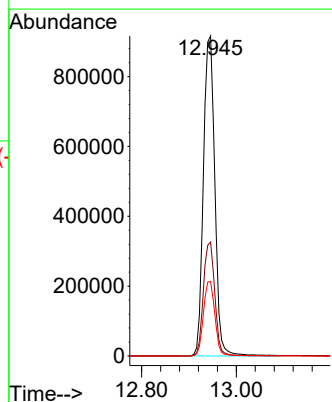
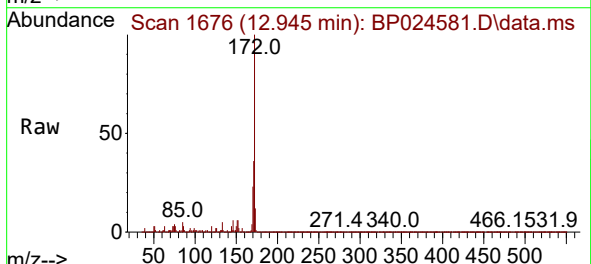
Manual Integrations  
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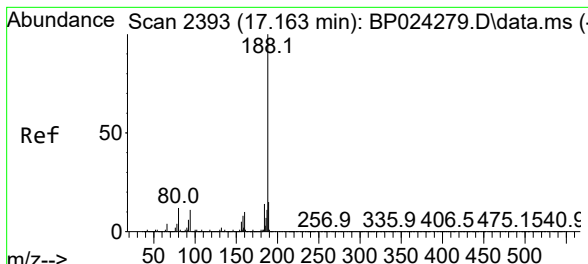
Reviewed By :Rahul Chavli 05/09/2025  
Supervised By :Jagrut Upadhyay 05/09/2025



#45  
2-Fluorobiphenyl  
Concen: 97.292 ng  
RT: 12.945 min Scan# 1676  
Delta R.T. -0.018 min  
Lab File: BP024581.D  
Acq: 08 May 2025 23:43

Tgt Ion: 172 Resp: 1533682  
Ion Ratio Lower Upper  
172 100  
171 35.6 28.2 42.2  
170 23.3 18.6 27.8



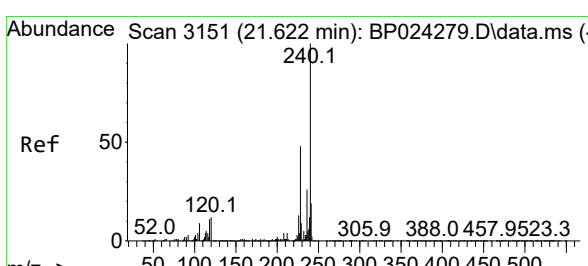
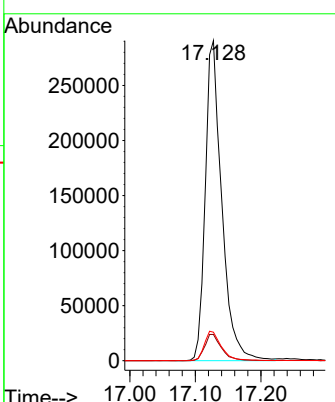
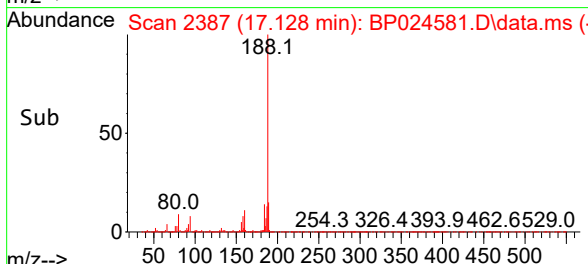
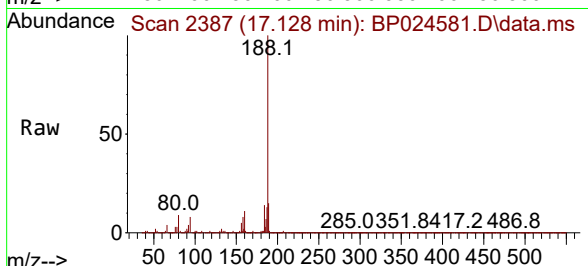


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.128 min Scan# 21  
Delta R.T. -0.018 min  
Lab File: BP024581.D  
Acq: 08 May 2025 23:43

Instrument : BNA\_P  
ClientSampleId : WC-B-7

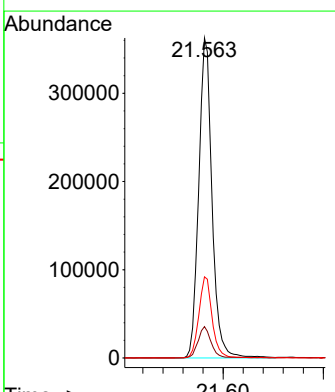
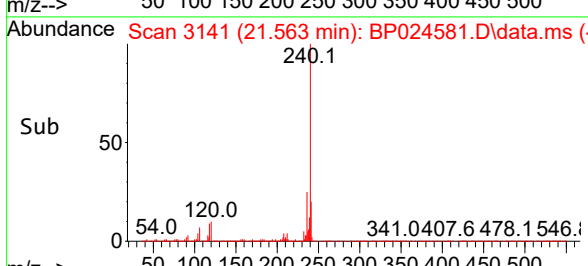
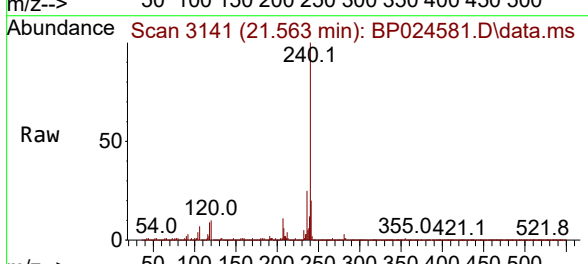
|             |              |
|-------------|--------------|
| Tgt Ion:188 | Resp: 507564 |
| Ion Ratio   | Lower Upper  |
| 188 100     |              |
| 94 8.2      | 8.6 13.0     |
| 80 8.9      | 9.8 14.6     |

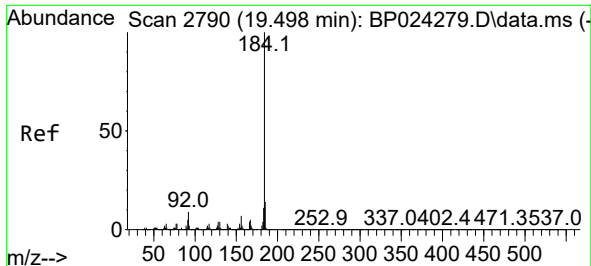
Manual Integrations  
**APPROVED**  
Reviewed By :Rahul Chavli 05/09/2025  
Supervised By :Jagrut Upadhyay 05/09/2025



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.563 min Scan# 3141  
Delta R.T. -0.029 min  
Lab File: BP024581.D  
Acq: 08 May 2025 23:43

|             |              |
|-------------|--------------|
| Tgt Ion:240 | Resp: 668848 |
| Ion Ratio   | Lower Upper  |
| 240 100     |              |
| 120 9.8     | 9.8 14.8     |
| 236 25.3    | 20.9 31.3    |





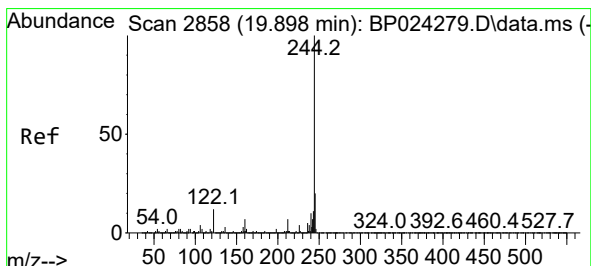
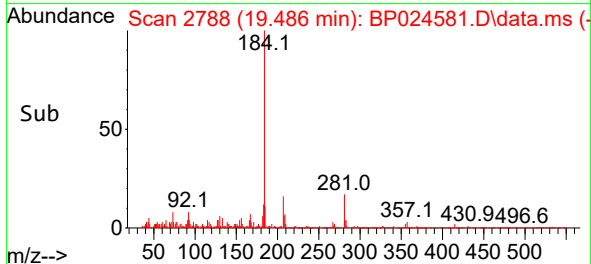
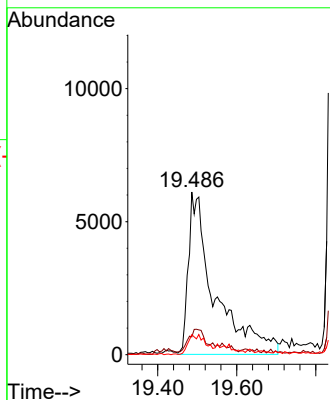
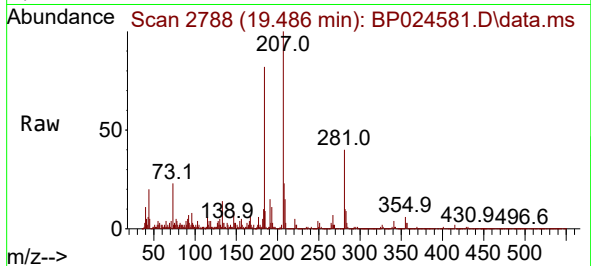
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Benzidine  
Concen: 3.329 ng m  
RT: 19.486 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: BP024581.D  
Acq: 08 May 2025 23:43

Instrument :  
BNA\_P  
ClientSampleId :  
WC-B-7

Tgt Ion:184 Resp: 28225  
Ion Ratio Lower Upper  
184 100  
185 10.9 11.6 17.4  
183 12.2 9.2 13.8

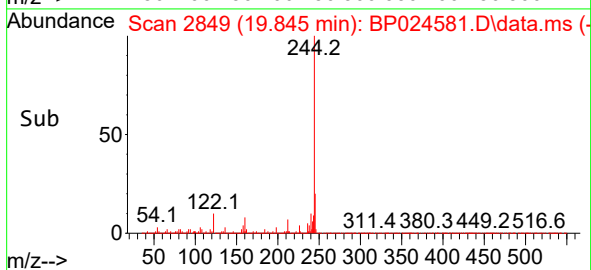
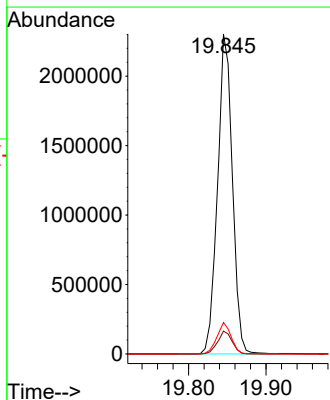
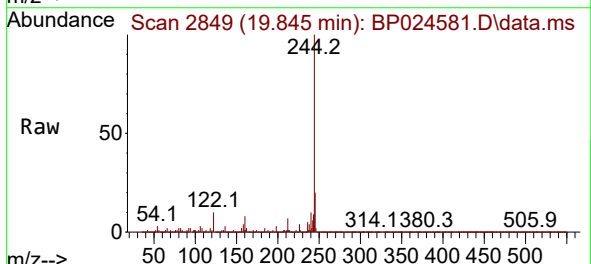
Manual Integrations  
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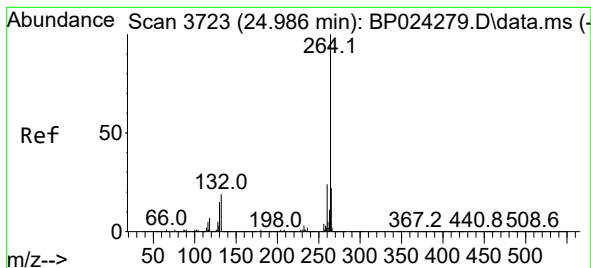
Reviewed By :Rahul Chavli 05/09/2025  
Supervised By :Jagrut Upadhyay 05/09/2025



#79  
Terphenyl-d14  
Concen: 92.360 ng  
RT: 19.845 min Scan# 2849  
Delta R.T. -0.029 min  
Lab File: BP024581.D  
Acq: 08 May 2025 23:43

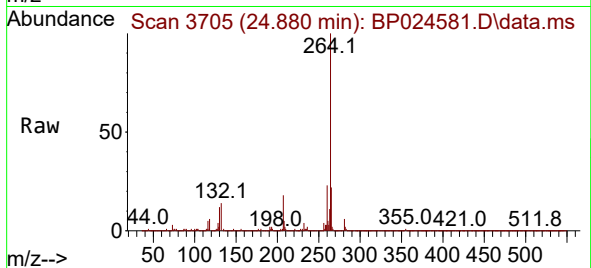
Tgt Ion:244 Resp: 3064768  
Ion Ratio Lower Upper  
244 100  
212 7.2 5.6 8.4  
122 9.9 9.4 14.0





#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.880 min Scan# 31  
Delta R.T. -0.053 min  
Lab File: BP024581.D  
Acq: 08 May 2025 23:43

Instrument :  
BNA\_P  
ClientSampleId :  
WC-B-7



Tgt Ion:264 Resp: 786640  
Ion Ratio Lower Upper  
264 100  
260 23.5 18.9 28.3  
265 22.1 17.8 26.6

Manual Integrations  
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