

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF033125\  
 Data File : BF142185.D  
 Acq On : 31 Mar 2025 17:27  
 Operator : RC/JU  
 Sample : Q1664-13  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 P001-BBDGA-004-01

Manual Integrations  
 APPROVED

Reviewed By :Anahy Claudio 04/01/2025  
 Supervised By :Jagrut Upadhyay 04/01/2025

Quant Time: Mar 31 17:45:51 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF031025.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Mar 10 15:46:22 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.863  | 152  | 115530   | 20.000  | ng    | -0.02    |
| 21) Naphthalene-d8          | 8.145  | 136  | 474582   | 20.000  | ng    | -0.02    |
| 39) Acenaphthene-d10        | 9.904  | 164  | 241354   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 11.392 | 188  | 374144m  | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12            | 14.033 | 240  | 266268   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.510 | 264  | 317833   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.481  | 112  | 779634   | 112.627 | ng    | -0.01    |
| 7) Phenol-d6                | 6.487  | 99   | 1005465  | 114.081 | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 7.428  | 82   | 623433   | 73.927  | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol    | 10.692 | 330  | 295749   | 96.590  | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 9.222  | 172  | 1373830  | 86.567  | ng    | -0.02    |
| 79) Terphenyl-d14           | 12.974 | 244  | 1217312  | 67.591  | ng    | -0.01    |

Target Compounds Qvalue  
 -----

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

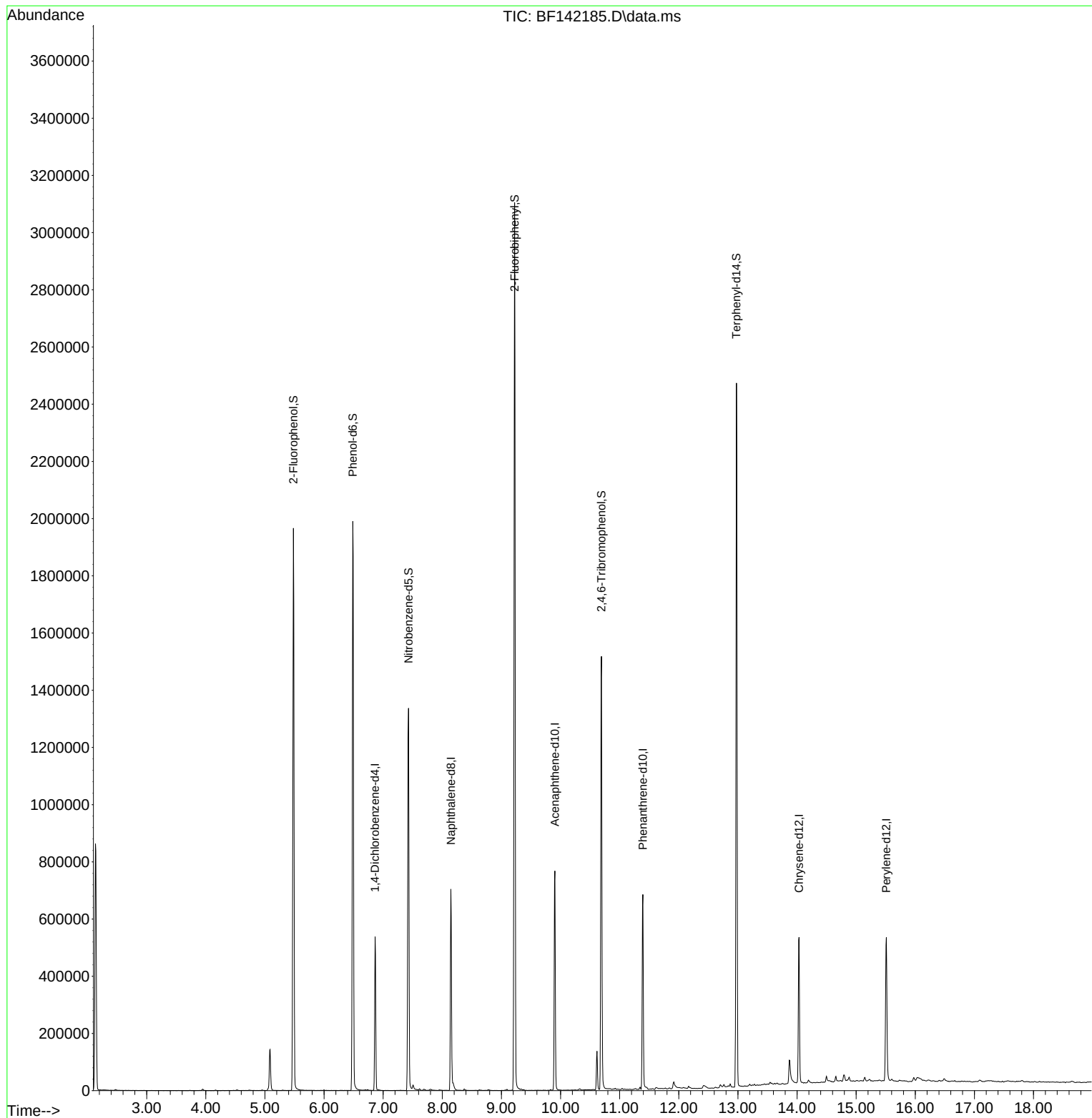
Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF033125\  
Data File : BF142185.D  
Acq On : 31 Mar 2025 17:27  
Operator : RC/JU  
Sample : Q1664-13  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

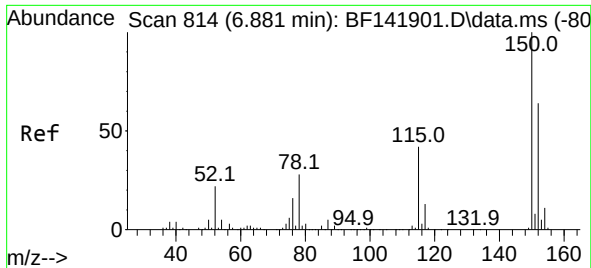
Instrument :  
BNA\_F  
ClientSampleId :  
P001-BBDGA-004-01

Quant Time: Mar 31 17:45:51 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF031025.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Mar 10 15:46:22 2025  
Response via : Initial Calibration

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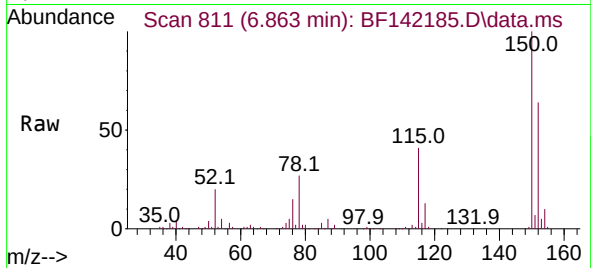
Reviewed By :Anahy Claudio 04/01/2025  
Supervised By :Jagrut Upadhyay 04/01/2025





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.863 min Scan# 814  
Delta R.T. -0.018 min  
Lab File: BF142185.D  
Acq: 31 Mar 2025 17:27

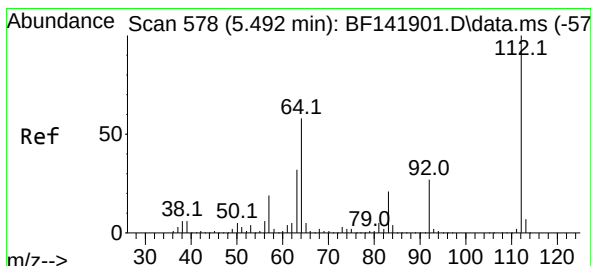
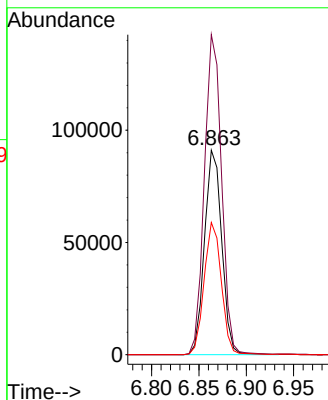
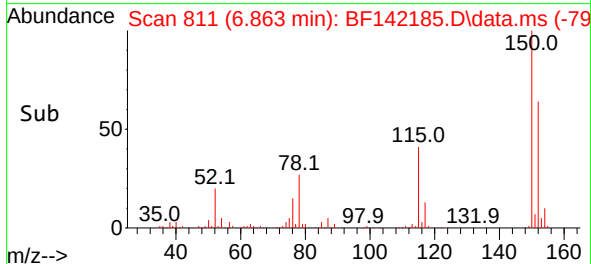
Instrument :  
BNA\_F  
ClientSampleId :  
P001-BBDGA-004-01



Tgt Ion:152 Resp: 115530  
Ion Ratio Lower Upper  
152 100  
150 156.5 127.4 191.2  
115 64.7 51.9 77.9

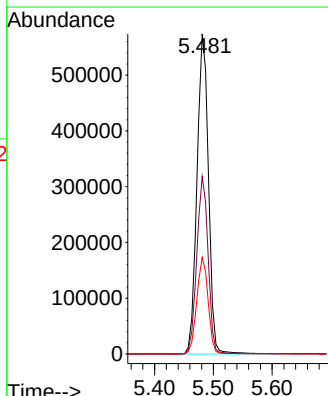
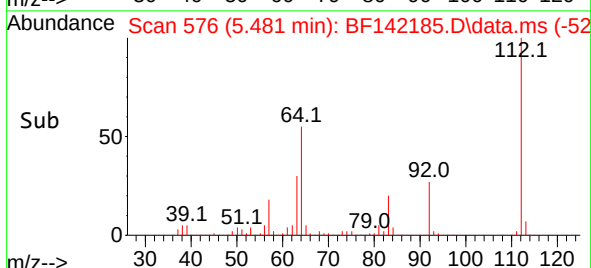
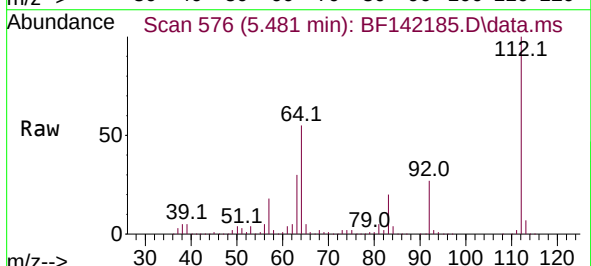
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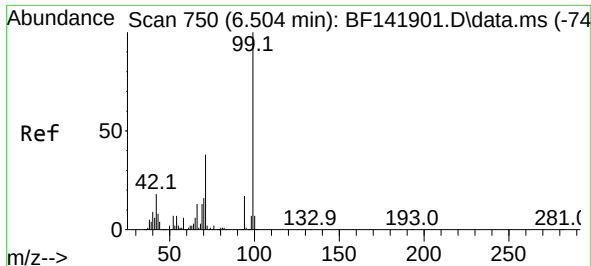
Reviewed By :Anahy Claudio 04/01/2025  
Supervised By :Jagrut Upadhyay 04/01/2025



#5  
2-Fluorophenol  
Concen: 112.627 ng  
RT: 5.481 min Scan# 576  
Delta R.T. -0.012 min  
Lab File: BF142185.D  
Acq: 31 Mar 2025 17:27

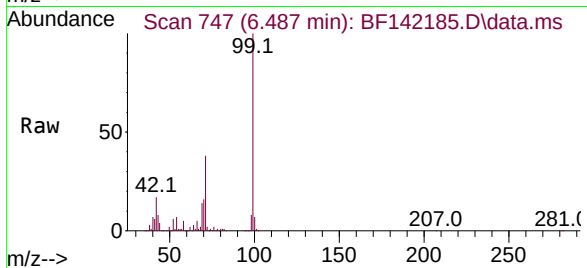
Tgt Ion:112 Resp: 779634  
Ion Ratio Lower Upper  
112 100  
64 55.5 46.5 69.7  
63 30.2 25.4 38.2





#7  
Phenol-d6  
Concen: 114.081 ng  
RT: 6.487 min Scan# 74  
Delta R.T. -0.018 min  
Lab File: BF142185.D  
Acq: 31 Mar 2025 17:27

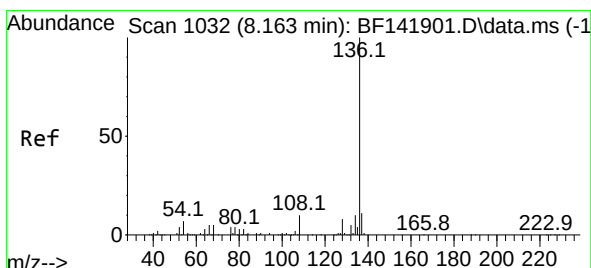
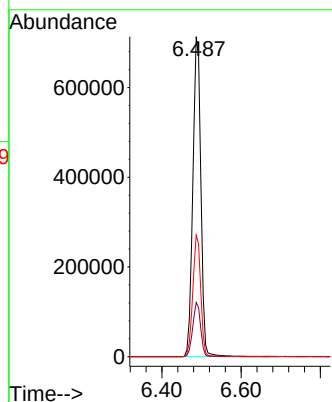
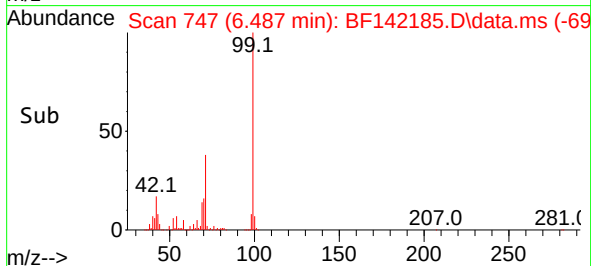
Instrument :  
BNA\_F  
ClientSampleId :  
P001-BBDGA-004-01



Tgt Ion: 99 Resp: 100546  
Ion Ratio Lower Upper  
99 100  
42 16.9 14.6 21.8  
71 38.0 30.8 46.2

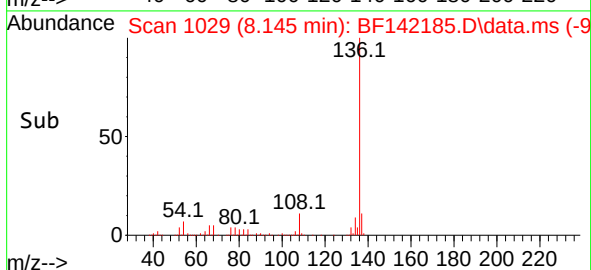
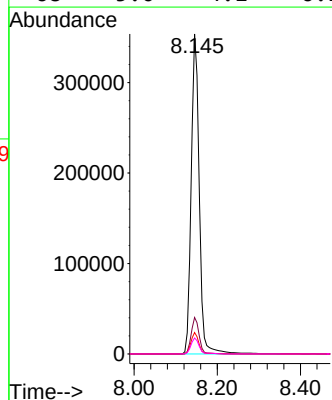
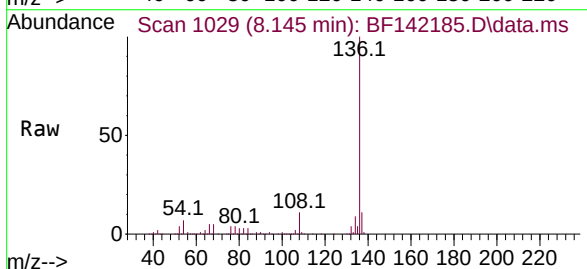
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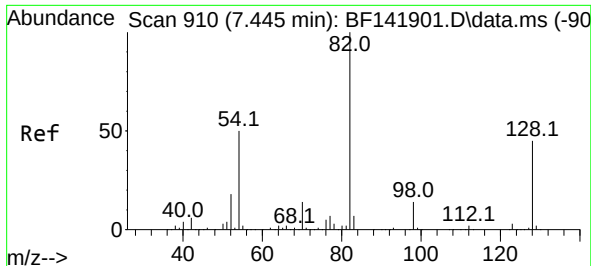
Reviewed By :Anahy Claudio 04/01/2025  
Supervised By :Jagrut Upadhyay 04/01/2025



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.145 min Scan# 1029  
Delta R.T. -0.018 min  
Lab File: BF142185.D  
Acq: 31 Mar 2025 17:27

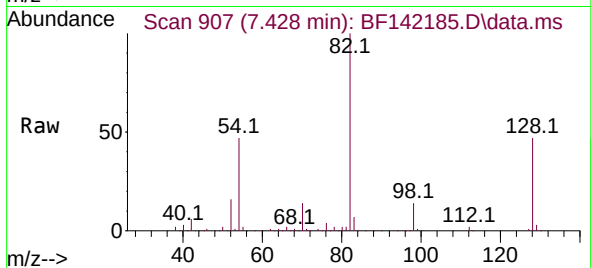
Tgt Ion:136 Resp: 474582  
Ion Ratio Lower Upper  
136 100  
137 11.4 8.8 13.2  
54 6.7 5.8 8.8  
68 5.0 4.1 6.1





#23  
Nitrobenzene-d5  
Concen: 73.927 ng  
RT: 7.428 min Scan# 907  
Delta R.T. -0.018 min  
Lab File: BF142185.D  
Acq: 31 Mar 2025 17:27

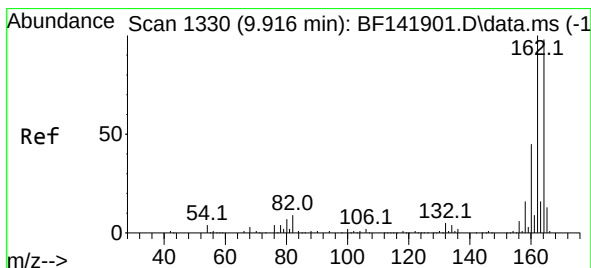
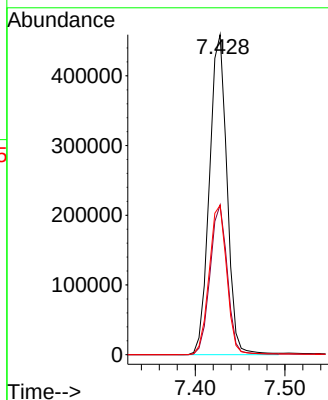
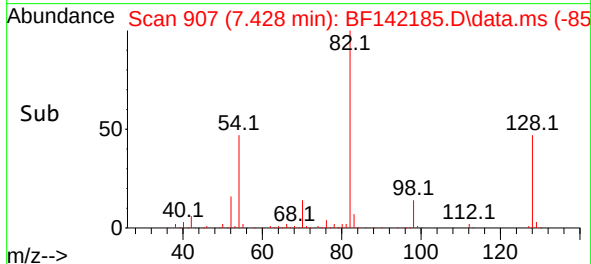
Instrument :  
BNA\_F  
ClientSampleId :  
P001-BBDGA-004-01



Tgt Ion: 82 Resp: 62343  
Ion Ratio Lower Upper  
82 100  
128 46.8 36.0 54.0  
54 46.7 39.6 59.4

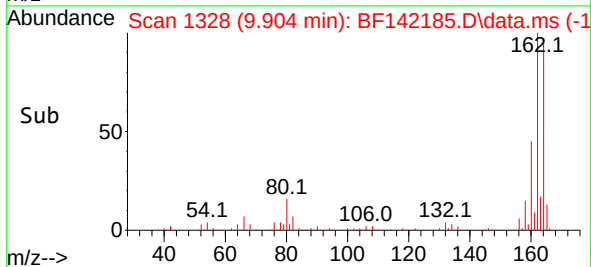
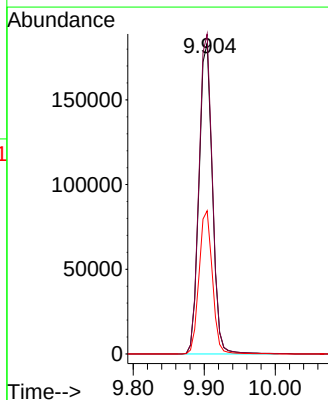
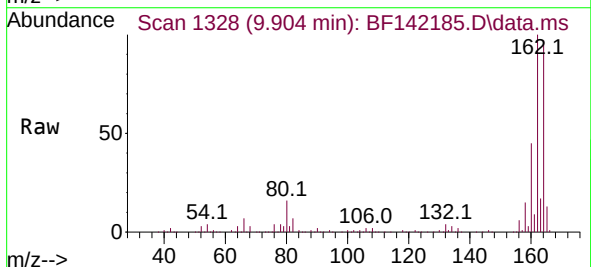
Manual Integrations  
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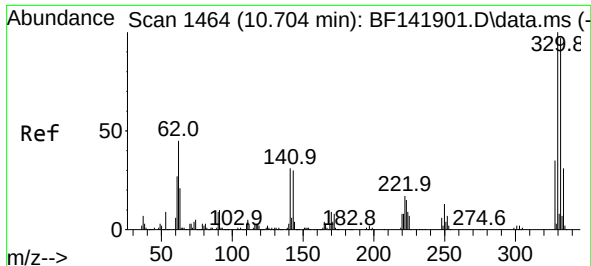
Reviewed By :Anahy Claudio 04/01/2025  
Supervised By :Jagrut Upadhyay 04/01/2025



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.904 min Scan# 1328  
Delta R.T. -0.012 min  
Lab File: BF142185.D  
Acq: 31 Mar 2025 17:27

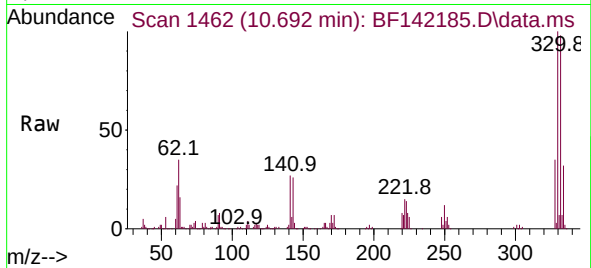
Tgt Ion:164 Resp: 241354  
Ion Ratio Lower Upper  
164 100  
162 103.0 81.8 122.6  
160 46.1 36.7 55.1





#42  
2,4,6-Tribromophenol  
Concen: 96.590 ng  
RT: 10.692 min Scan# 1462  
Delta R.T. -0.012 min  
Lab File: BF142185.D  
Acq: 31 Mar 2025 17:27

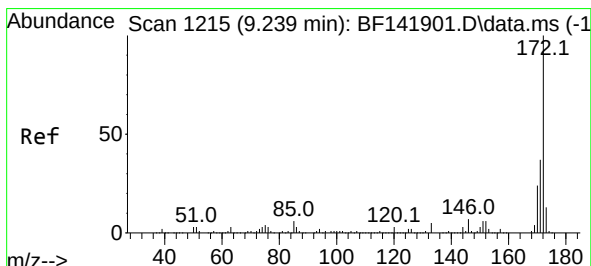
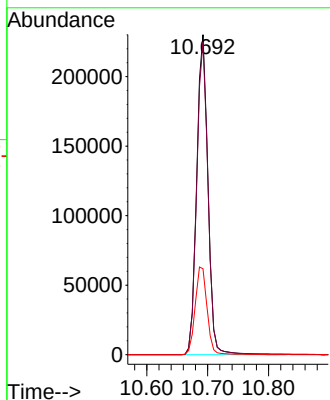
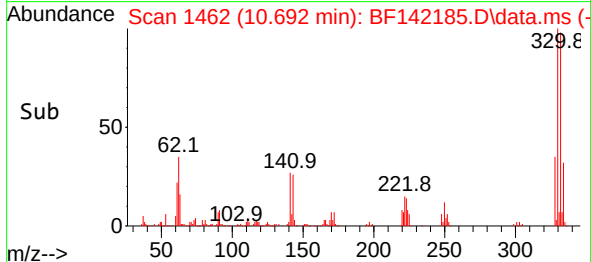
Instrument :  
BNA\_F  
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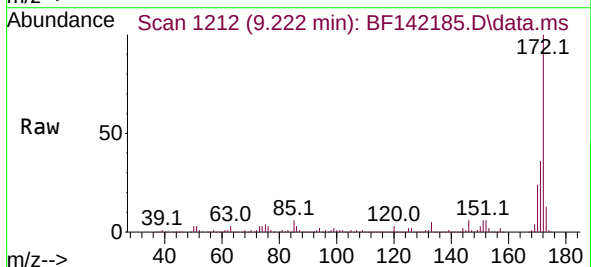
Tgt Ion: 330 Resp: 295749  
Ion Ratio Lower Upper  
330 100  
332 97.9 77.6 116.4  
141 29.1 24.7 37.1

Manual Integrations  
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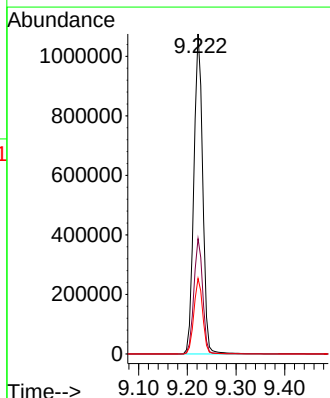
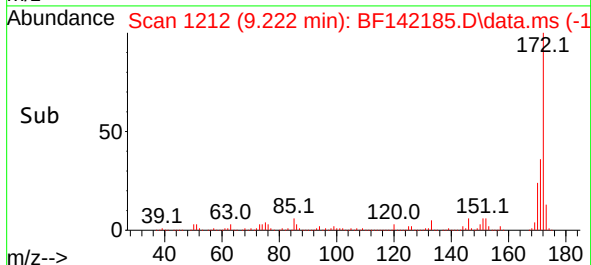
Reviewed By :Anahy Claudio 04/01/2025  
Supervised By :Jagrut Upadhyay 04/01/2025

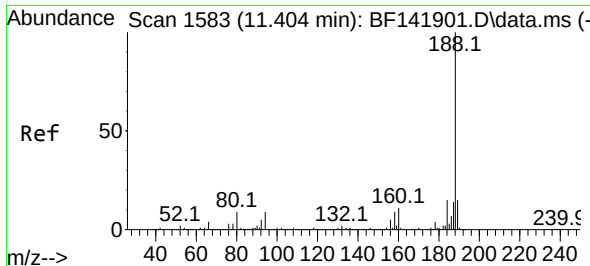


#45  
2-Fluorobiphenyl  
Concen: 86.567 ng  
RT: 9.222 min Scan# 1212  
Delta R.T. -0.018 min  
Lab File: BF142185.D  
Acq: 31 Mar 2025 17:27



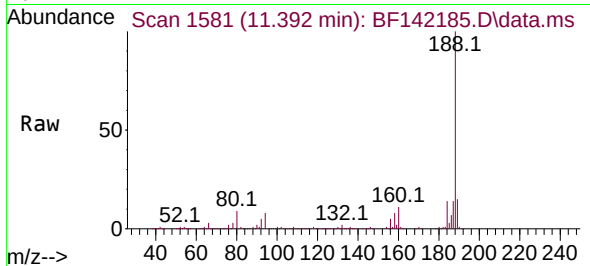
Tgt Ion: 172 Resp: 1373830  
Ion Ratio Lower Upper  
172 100  
171 36.0 29.3 43.9  
170 23.6 19.4 29.0





#64  
Phenanthrene-d10  
Concen: 20.000 ng m  
RT: 11.392 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF142185.D  
Acq: 31 Mar 2025 17:27

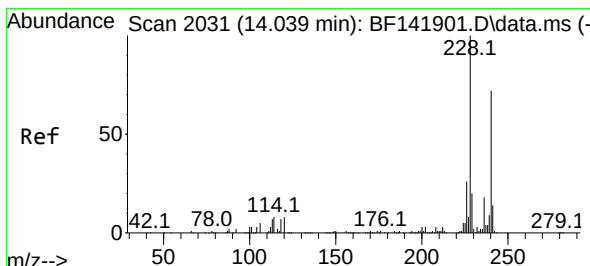
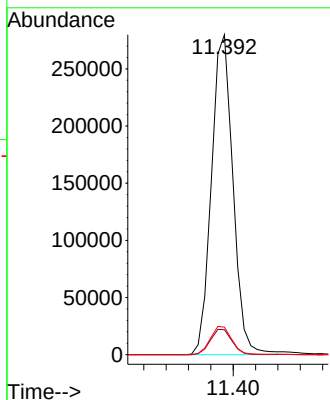
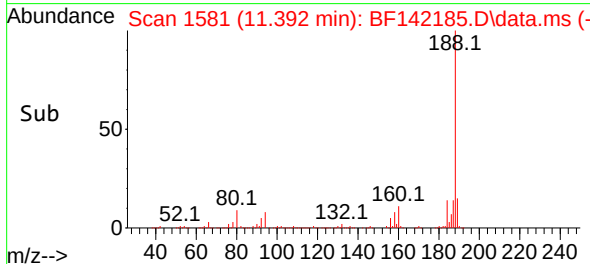
Instrument :  
BNA\_F  
ClientSampleId :  
P001-BBDGA-004-01



Tgt Ion:188 Resp: 374144  
Ion Ratio Lower Upper  
188 100  
94 7.8 6.8 10.2  
80 8.6 7.6 11.4

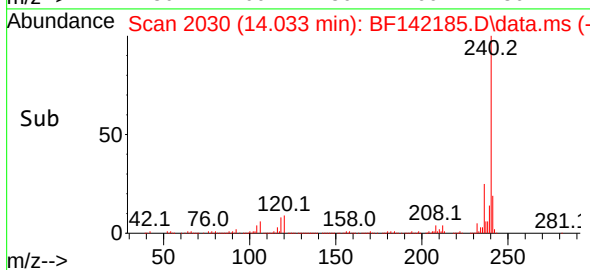
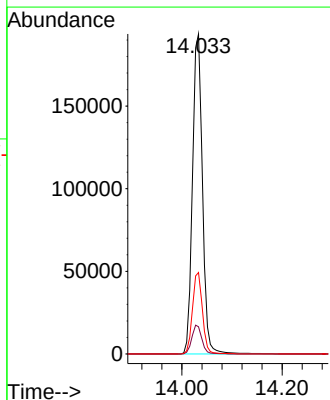
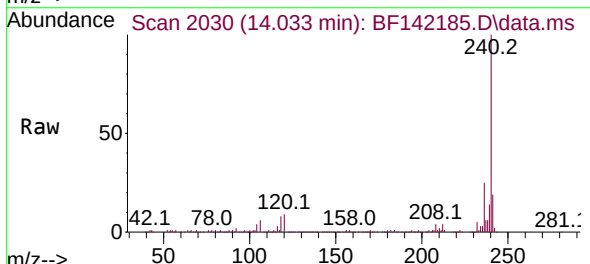
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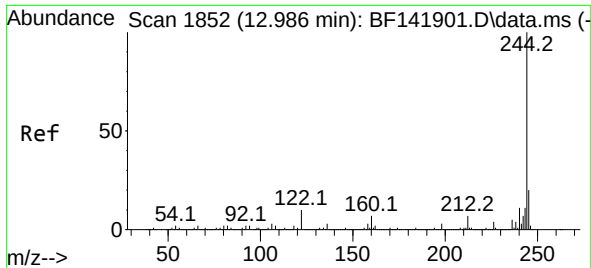
Reviewed By :Anahy Claudio 04/01/2025  
Supervised By :Jagrut Upadhyay 04/01/2025



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.033 min Scan# 2030  
Delta R.T. -0.006 min  
Lab File: BF142185.D  
Acq: 31 Mar 2025 17:27

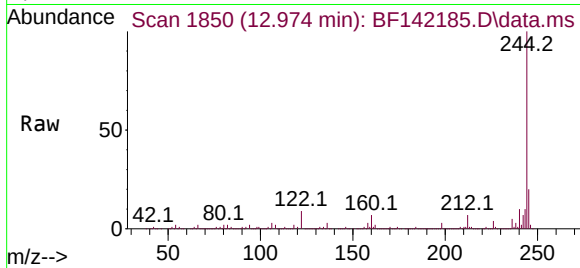
Tgt Ion:240 Resp: 266268  
Ion Ratio Lower Upper  
240 100  
120 8.5 8.4 12.6  
236 25.4 20.5 30.7





#79  
 Terphenyl-d14  
 Concen: 67.591 ng  
 RT: 12.974 min Scan# 1850  
 Delta R.T. -0.012 min  
 Lab File: BF142185.D  
 Acq: 31 Mar 2025 17:27

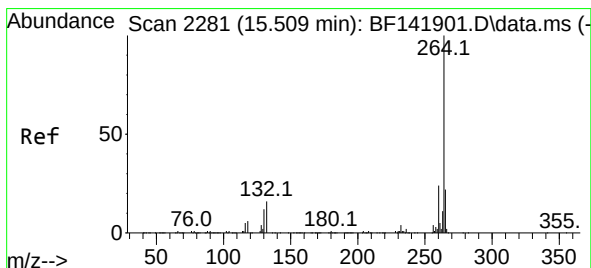
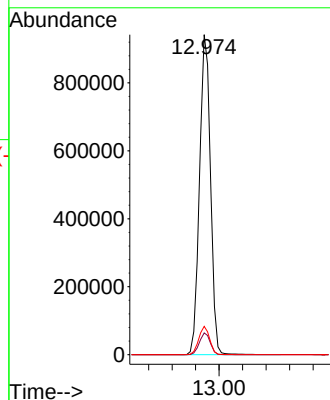
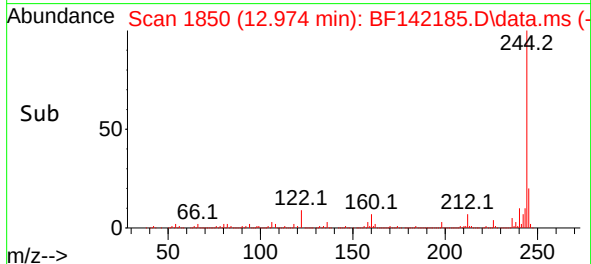
Instrument :  
 BNA\_F  
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Tgt Ion:244 Resp: 121731  
 Ion Ratio Lower Upper  
 244 100  
 212 6.8 6.0 9.0  
 122 8.8 7.7 11.5

Manual Integrations  
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#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.510 min Scan# 2281  
 Delta R.T. 0.000 min  
 Lab File: BF142185.D  
 Acq: 31 Mar 2025 17:27

Tgt Ion:264 Resp: 317833  
 Ion Ratio Lower Upper  
 264 100  
 260 23.5 19.1 28.7  
 265 21.6 17.5 26.3

