

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF033125\  
 Data File : BF142178.D  
 Acq On : 31 Mar 2025 13:51  
 Operator : RC/JU  
 Sample : PB167233TB  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB167233TB

Manual Integrations  
 APPROVED

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

Quant Time: Mar 31 14:09:01 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  | 117776   | 20.000  | ng    | -0.02    |
| 21) Naphthalene-d8          | 8.145  | 136  | 458702   | 20.000  | ng    | -0.02    |
| 39) Acenaphthene-d10        | 9.904  | 164  | 268873   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 11.392 | 188  | 511850m  | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12            | 14.033 | 240  | 348724   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.510 | 264  | 288611   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.493  | 112  | 976573   | 138.386 | ng    | 0.00     |
| 7) Phenol-d6                | 6.493  | 99   | 1194368  | 132.930 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.428  | 82   | 790827   | 97.023  | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol    | 10.692 | 330  | 573624   | 168.168 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 9.222  | 172  | 1739979  | 98.417  | ng    | -0.02    |
| 79) Terphenyl-d14           | 12.980 | 244  | 2476925  | 105.012 | ng    | 0.00     |

|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

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

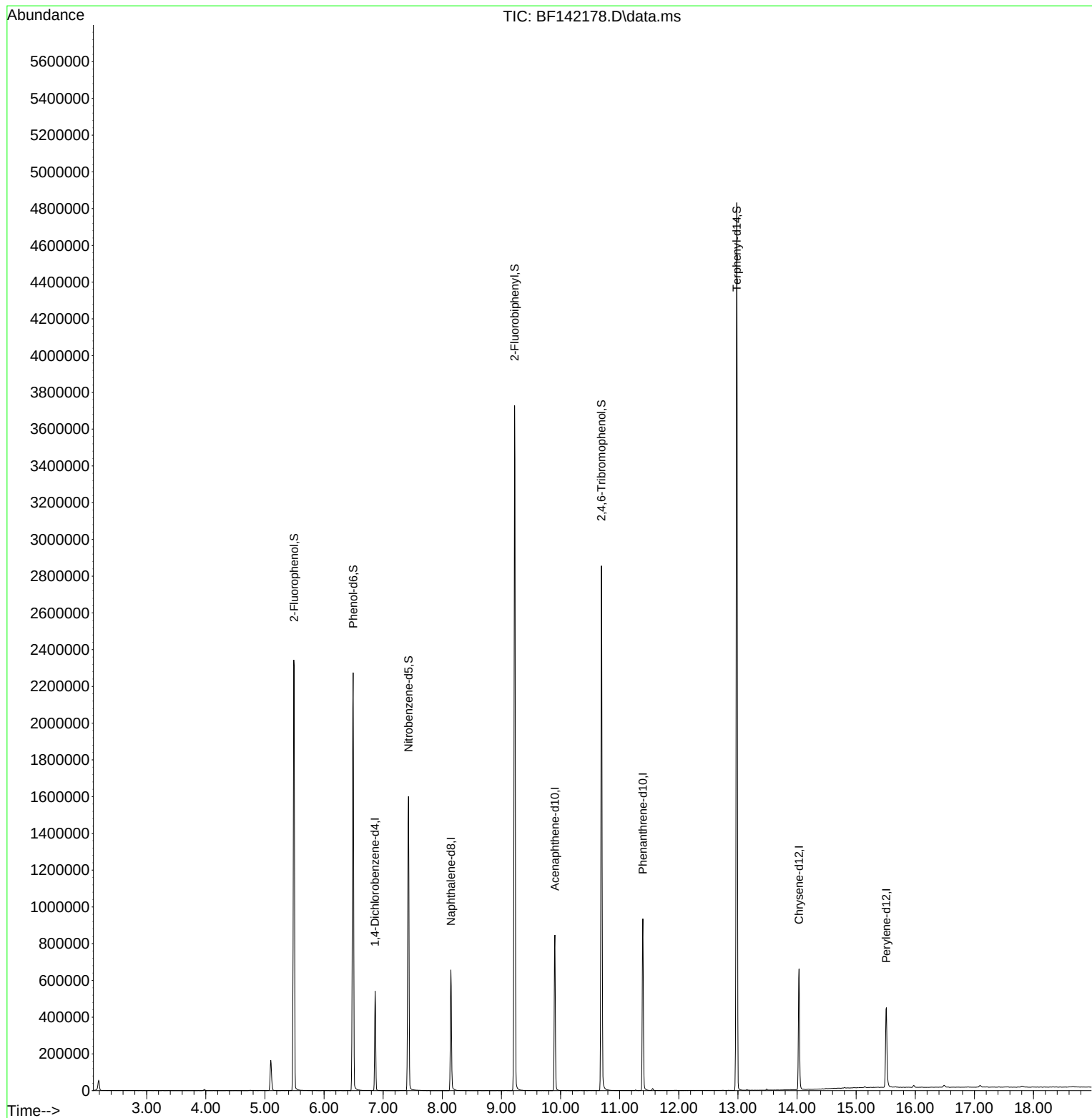
Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF033125\  
Data File : BF142178.D  
Acq On : 31 Mar 2025 13:51  
Operator : RC/JU  
Sample : PB167233TB  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

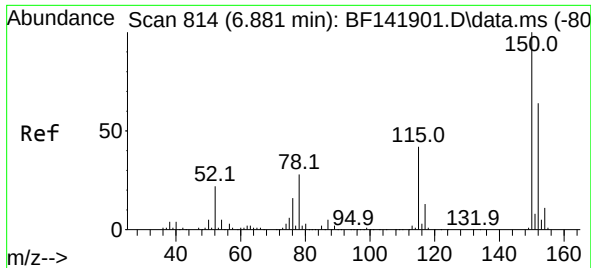
Instrument :  
BNA\_F  
ClientSampleId :  
PB167233TB

Quant Time: Mar 31 14:09:01 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

Manual Integrations  
APPROVED

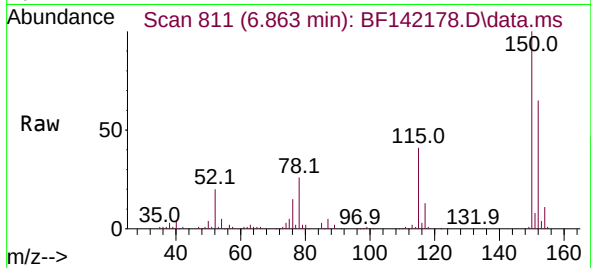
Reviewed By :Anahy Claudio 04/01/2025  
Supervised By :Jagrut Upadhyay 04/01/2025





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.863 min Scan# 814  
Delta R.T. -0.018 min  
Lab File: BF142178.D  
Acq: 31 Mar 2025 13:51

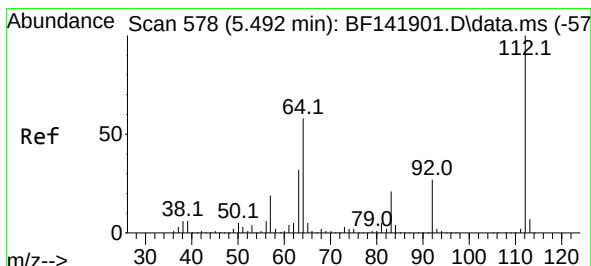
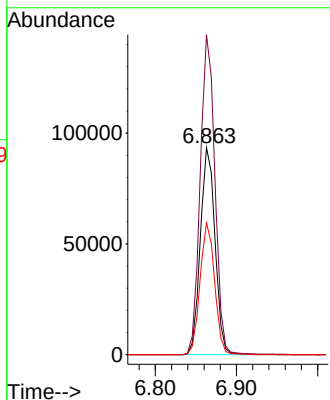
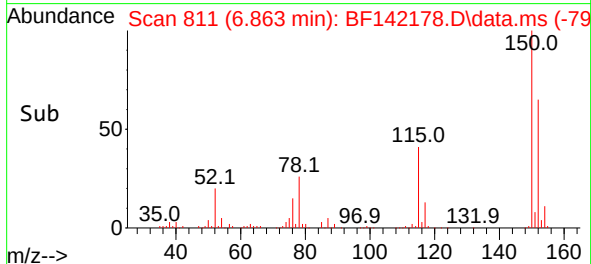
Instrument :  
BNA\_F  
ClientSampleId :  
PB167233TB



Tgt Ion:152 Resp: 117770  
Ion Ratio Lower Upper  
152 100  
150 154.5 127.4 191.2  
115 63.6 51.9 77.9

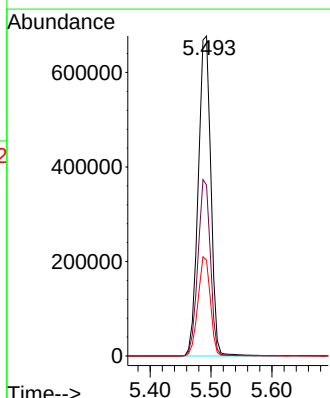
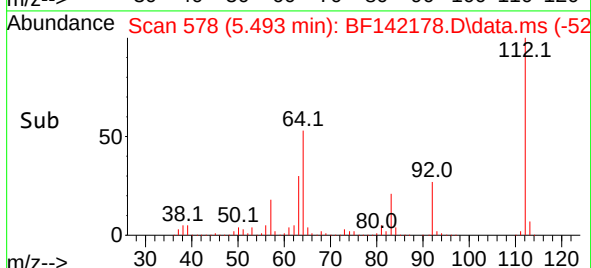
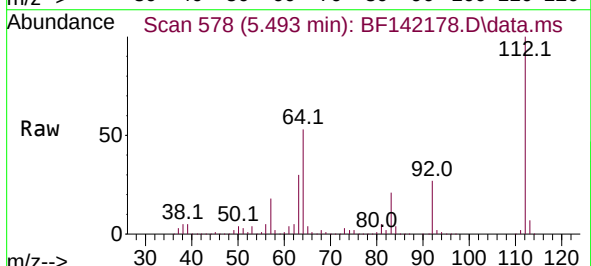
Manual Integrations  
APPROVED

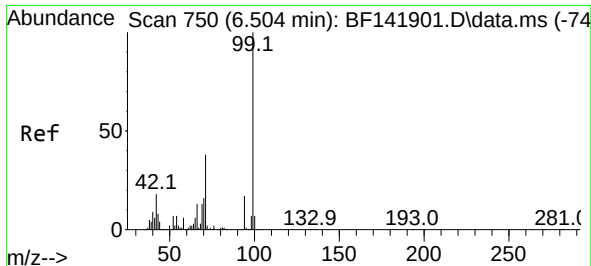
Reviewed By :Anahy Claudio 04/01/2025  
Supervised By :Jagrut Upadhyay 04/01/2025



#5  
2-Fluorophenol  
Concen: 138.386 ng  
RT: 5.493 min Scan# 578  
Delta R.T. 0.000 min  
Lab File: BF142178.D  
Acq: 31 Mar 2025 13:51

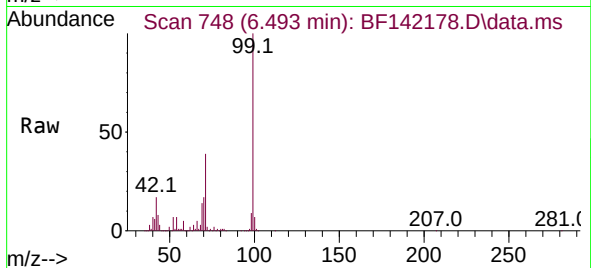
Tgt Ion:112 Resp: 976573  
Ion Ratio Lower Upper  
112 100  
64 53.4 46.5 69.7  
63 30.0 25.4 38.2





#7  
Phenol-d6  
Concen: 132.930 ng  
RT: 6.493 min Scan# 74  
Delta R.T. -0.012 min  
Lab File: BF142178.D  
Acq: 31 Mar 2025 13:51

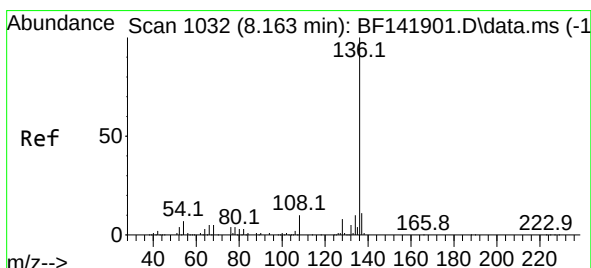
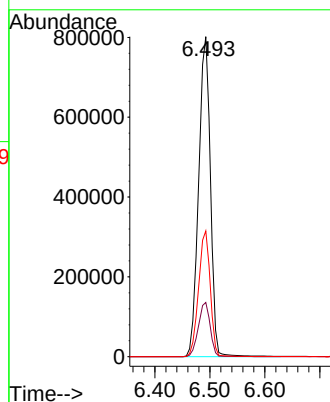
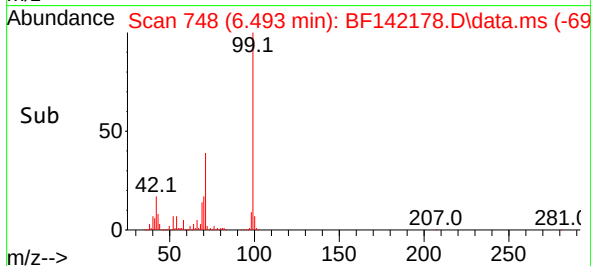
Instrument :  
BNA\_F  
ClientSampleId :  
PB167233TB



Tgt Ion: 99 Resp: 1194368  
Ion Ratio Lower Upper  
99 100  
42 17.0 14.6 21.8  
71 39.3 30.8 46.2

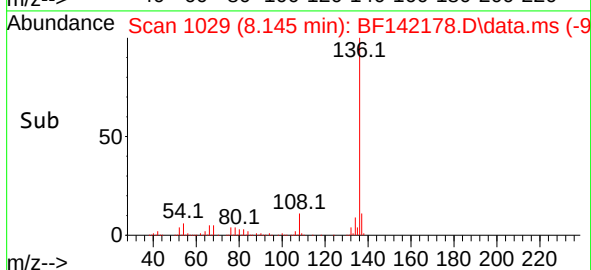
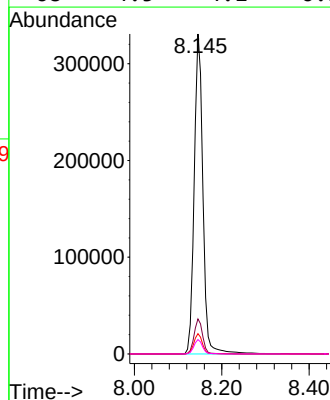
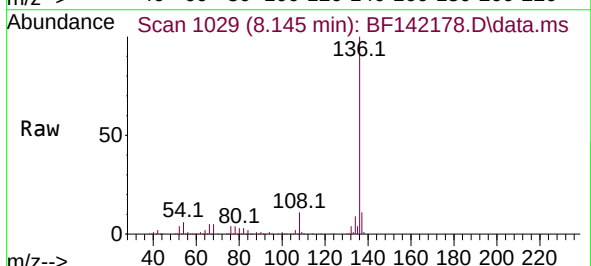
Manual Integrations  
APPROVED

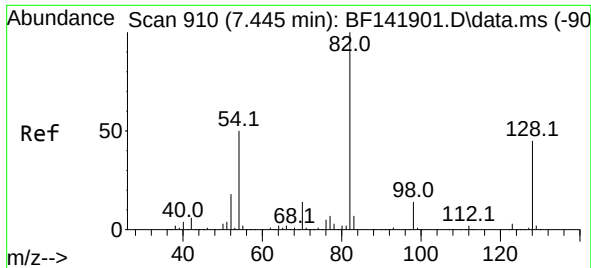
Reviewed By :Anahy Claudio 04/01/2025  
Supervised By :Jagrut Upadhyay 04/01/2025



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.145 min Scan# 1029  
Delta R.T. -0.018 min  
Lab File: BF142178.D  
Acq: 31 Mar 2025 13:51

Tgt Ion:136 Resp: 458702  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.8 13.2  
54 6.4 5.8 8.8  
68 4.5 4.1 6.1





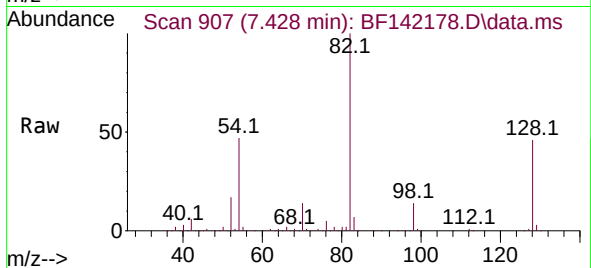
#23  
Nitrobenzene-d5  
Concen: 97.023 ng  
RT: 7.428 min Scan# 907  
Delta R.T. -0.018 min  
Lab File: BF142178.D  
Acq: 31 Mar 2025 13:51

Instrument :

BNA\_F

ClientSampleId :

PB167233TB

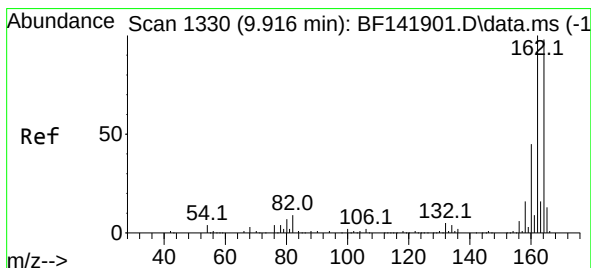
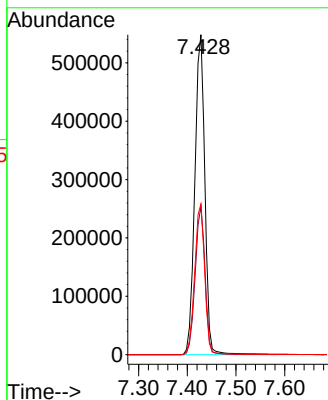
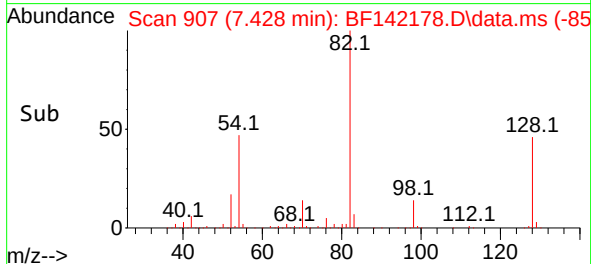


Tgt Ion: 82 Resp: 790827  
Ion Ratio Lower Upper  
82 100  
128 46.4 36.0 54.0  
54 47.0 39.6 59.4

Manual Integrations

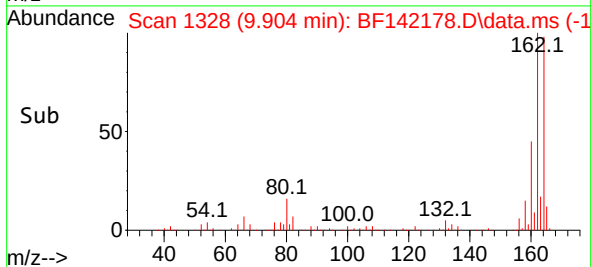
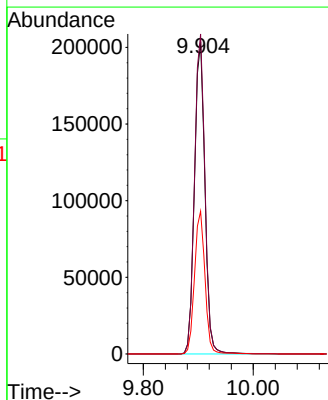
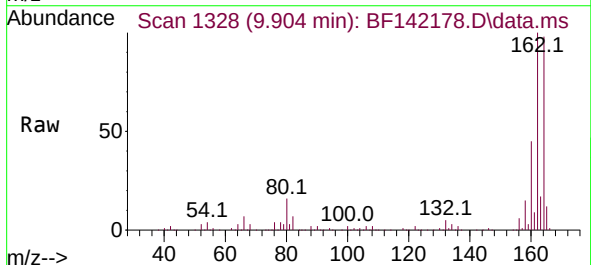
APPROVED

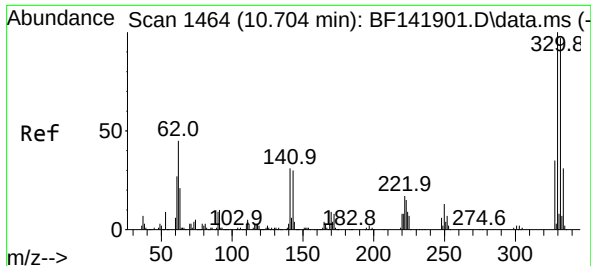
Reviewed By :Anahy Claudio 04/01/2025  
Supervised By :Jagrut Upadhyay 04/01/2025



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.904 min Scan# 1328  
Delta R.T. -0.012 min  
Lab File: BF142178.D  
Acq: 31 Mar 2025 13:51

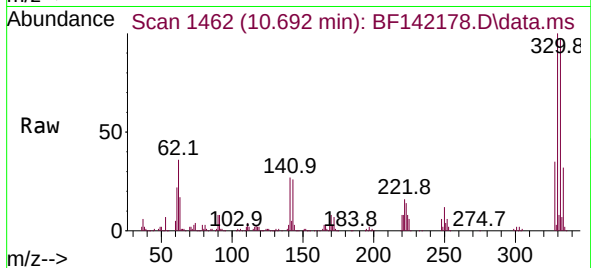
Tgt Ion:164 Resp: 268873  
Ion Ratio Lower Upper  
164 100  
162 102.5 81.8 122.6  
160 45.8 36.7 55.1





#42  
2,4,6-Tribromophenol  
Concen: 168.168 ng  
RT: 10.692 min Scan# 1464  
Delta R.T. -0.012 min  
Lab File: BF142178.D  
Acq: 31 Mar 2025 13:51

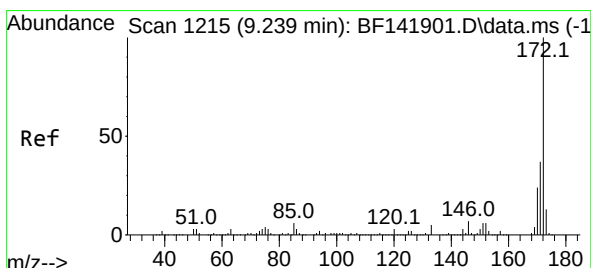
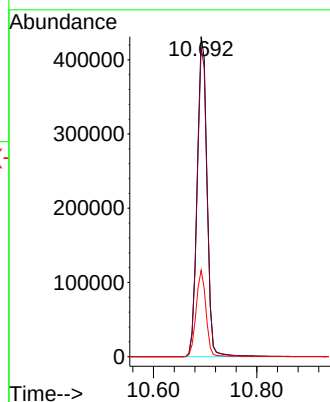
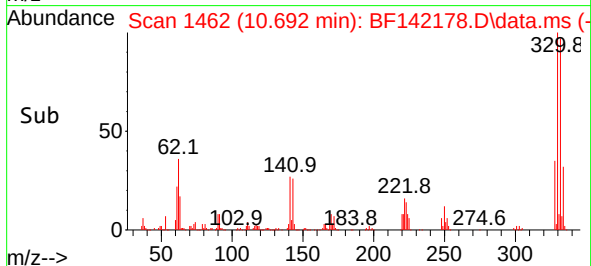
Instrument :  
BNA\_F  
ClientSampleId :  
PB167233TB



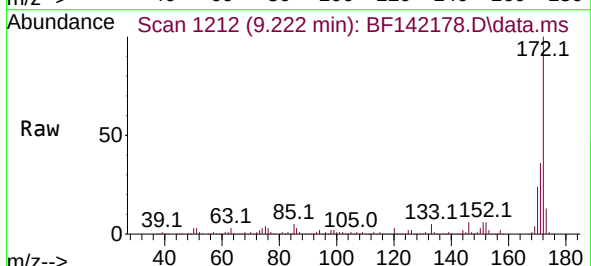
Tgt Ion: 330 Resp: 573624  
Ion Ratio Lower Upper  
330 100  
332 96.9 77.6 116.4  
141 27.0 24.7 37.1

Manual Integrations  
APPROVED

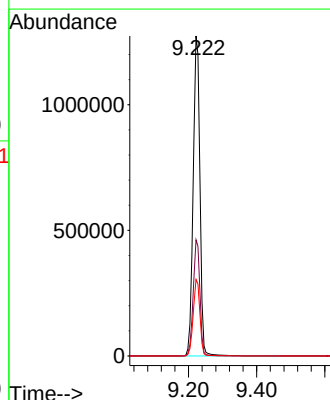
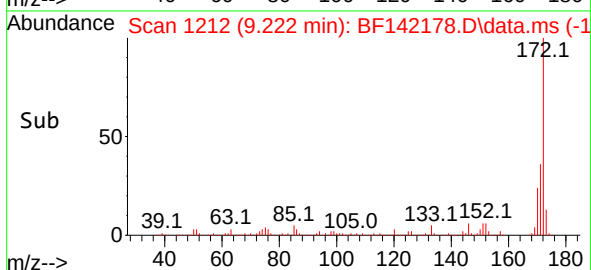
Reviewed By : Anahy Claudio 04/01/2025  
Supervised By : Jagrut Upadhyay 04/01/2025

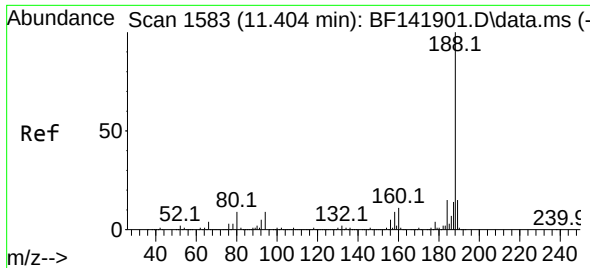


#45  
2-Fluorobiphenyl  
Concen: 98.417 ng  
RT: 9.222 min Scan# 1212  
Delta R.T. -0.018 min  
Lab File: BF142178.D  
Acq: 31 Mar 2025 13:51



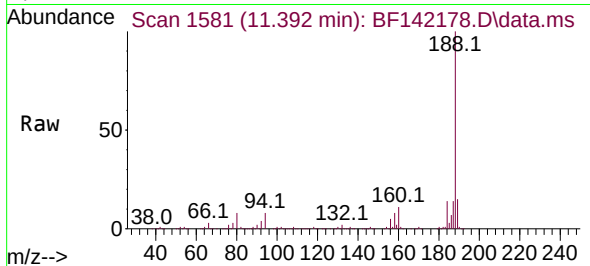
Tgt Ion: 172 Resp: 1739979  
Ion Ratio Lower Upper  
172 100  
171 36.3 29.3 43.9  
170 23.9 19.4 29.0





#64  
Phenanthrene-d10  
Concen: 20.000 ng m  
RT: 11.392 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF142178.D  
Acq: 31 Mar 2025 13:51

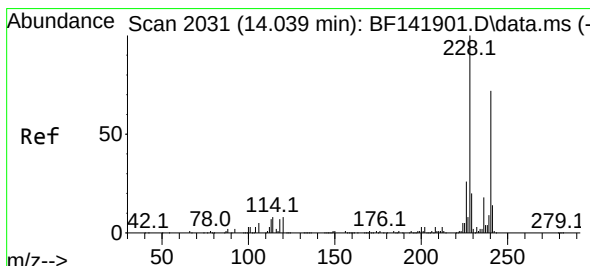
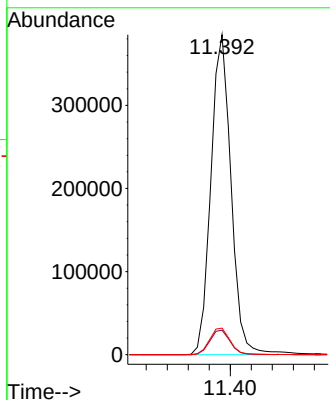
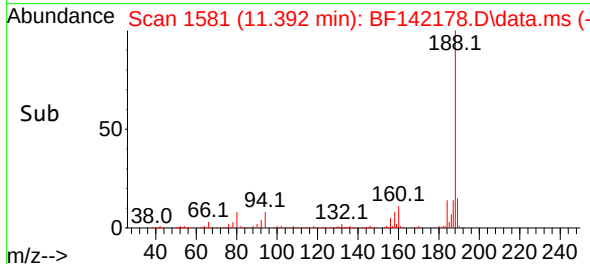
Instrument :  
BNA\_F  
ClientSampleId :  
PB167233TB



Tgt Ion:188 Resp: 511850  
Ion Ratio Lower Upper  
188 100  
94 7.7 6.8 10.2  
80 8.3 7.6 11.4

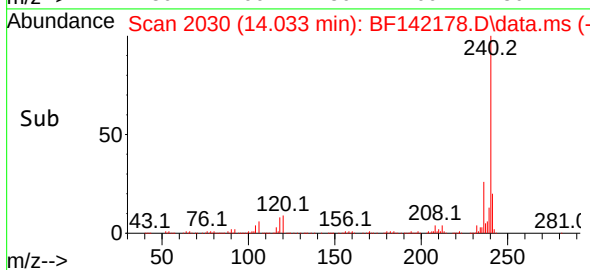
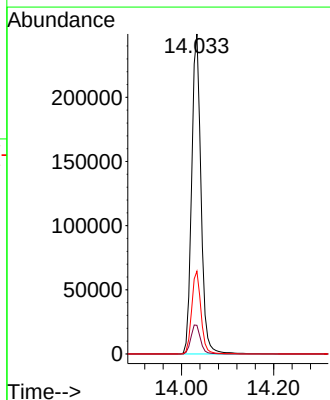
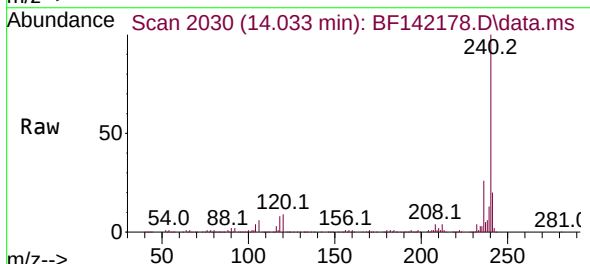
Manual Integrations  
APPROVED

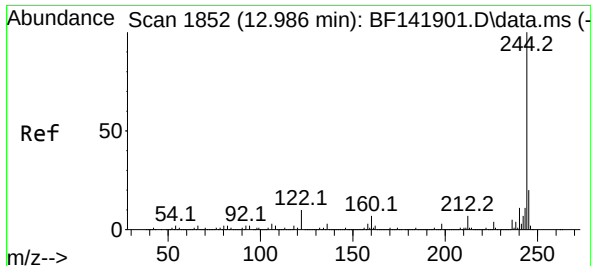
Reviewed By :Anahy Claudio 04/01/2025  
Supervised By :Jagrut Upadhyay 04/01/2025



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.033 min Scan# 2030  
Delta R.T. -0.006 min  
Lab File: BF142178.D  
Acq: 31 Mar 2025 13:51

Tgt Ion:240 Resp: 348724  
Ion Ratio Lower Upper  
240 100  
120 8.9 8.4 12.6  
236 25.9 20.5 30.7





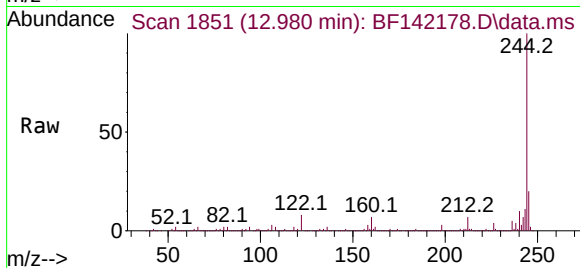
#79  
 Terphenyl-d14  
 Concen: 105.012 ng  
 RT: 12.980 min Scan# 1852  
 Delta R.T. -0.006 min  
 Lab File: BF142178.D  
 Acq: 31 Mar 2025 13:51

Instrument :

BNA\_F

ClientSampleId :

PB167233TB

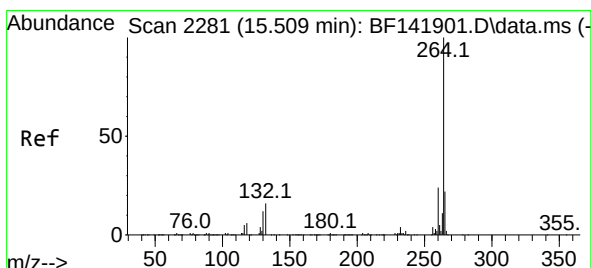
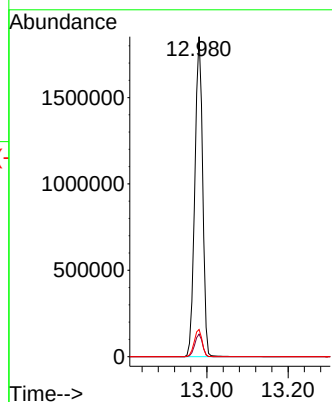
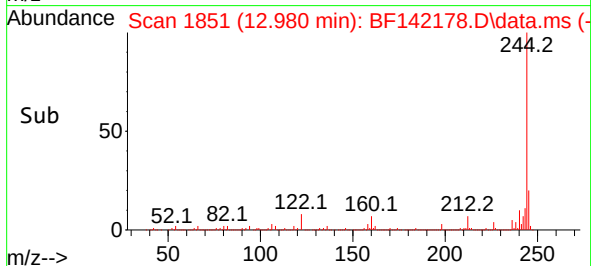


Tgt Ion:244 Resp: 2476925  
 Ion Ratio Lower Upper  
 244 100  
 212 7.0 6.0 9.0  
 122 8.5 7.7 11.5

Manual Integrations

APPROVED

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



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.510 min Scan# 2281  
 Delta R.T. 0.000 min  
 Lab File: BF142178.D  
 Acq: 31 Mar 2025 13:51

Tgt Ion:264 Resp: 288611  
 Ion Ratio Lower Upper  
 264 100  
 260 23.5 19.1 28.7  
 265 20.9 17.5 26.3

