

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102925\  
 Data File : BF144136.D  
 Acq On : 29 Oct 2025 19:01  
 Operator : RC/JU  
 Sample : Q3466-07 2X  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 B7-1.0-2.0-20251023

Quant Time: Oct 30 02:21:26 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102425.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 24 17:30:25 2025  
 Response via : Initial Calibration

Manual Integrations  
 APPROVED

Reviewed By :Rahul Chavli 10/30/2025  
 Supervised By :Jagrut Upadhyay 10/30/2025

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.875  | 152  | 65089    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.157  | 136  | 241547   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.916  | 164  | 132577   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.404 | 188  | 225041   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 14.051 | 240  | 191916   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12            | 15.539 | 264  | 190782   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.493  | 112  | 137406   | 33.399 | ng    | 0.00     |
| 7) Phenol-d6                | 6.498  | 99   | 155673   | 34.262 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.434  | 82   | 90388    | 20.502 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.704 | 330  | 48327    | 28.617 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.234  | 172  | 195633   | 20.765 | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.992 | 244  | 178701   | 16.278 | ng    | 0.00     |
| Target Compounds            |        |      |          |        |       |          |
| 88) Benzo(b)fluoranthene    | 15.104 | 252  | 26541m   | 2.461  | ng    | Qvalue   |
| -----                       |        |      |          |        |       |          |

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

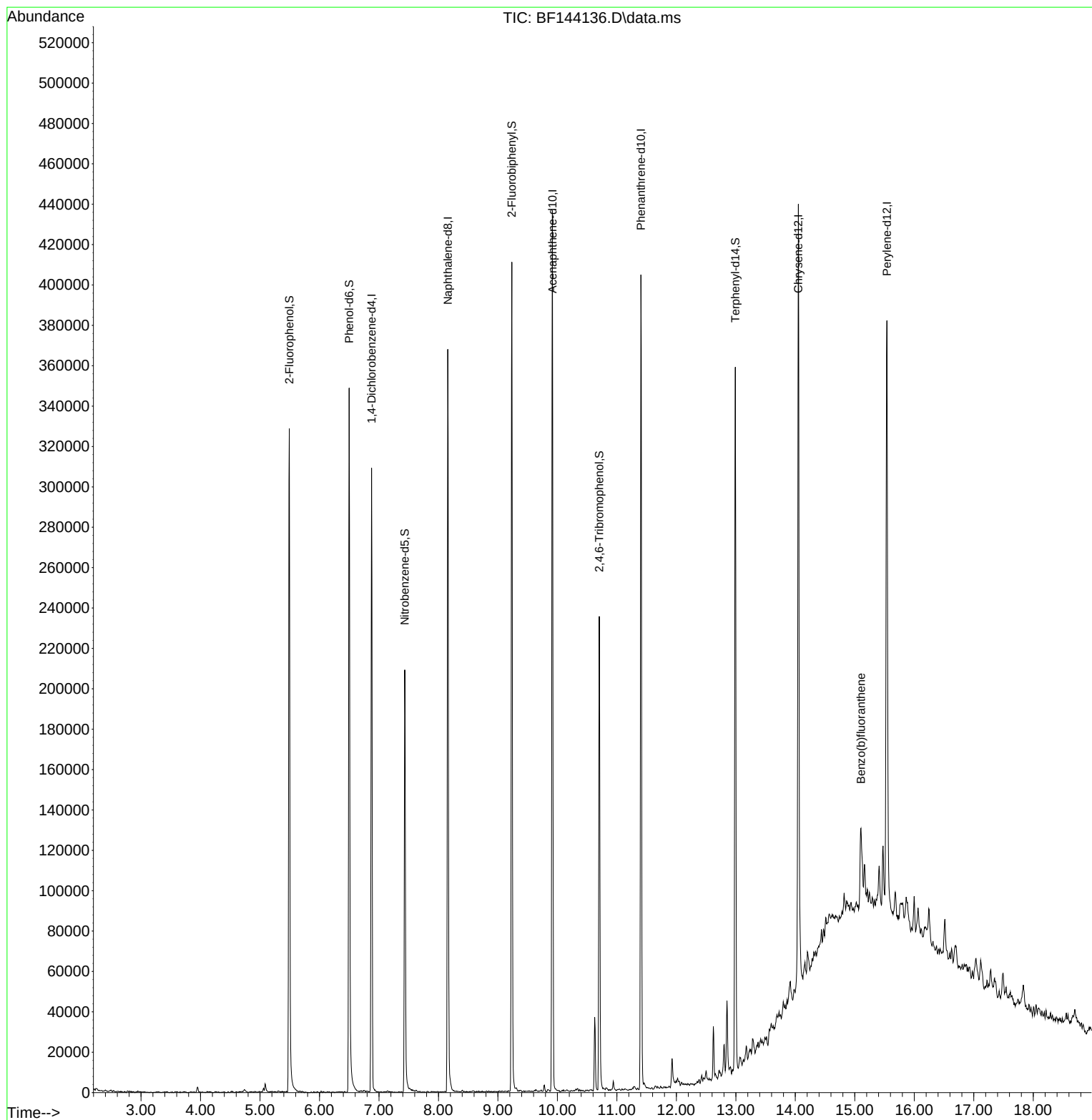
Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102925\  
Data File : BF144136.D  
Acq On : 29 Oct 2025 19:01  
Operator : RC/JU  
Sample : Q3466-07 2X  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

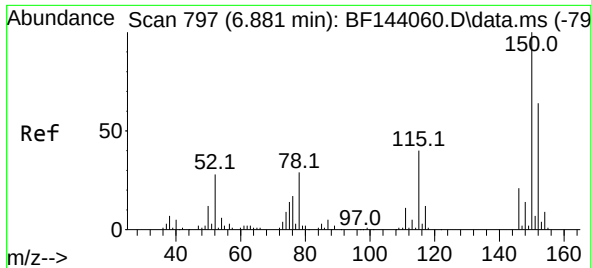
Instrument :  
BNA\_F  
ClientSampleId :  
B7-1.0-2.0-20251023

Quant Time: Oct 30 02:21:26 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102425.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Oct 24 17:30:25 2025  
Response via : Initial Calibration

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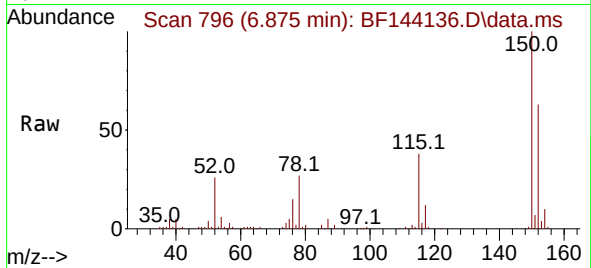
Reviewed By :Rahul Chavli 10/30/2025  
Supervised By :Jagrut Upadhyay 10/30/2025





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.875 min Scan# 797  
Delta R.T. -0.006 min  
Lab File: BF144136.D  
Acq: 29 Oct 2025 19:01

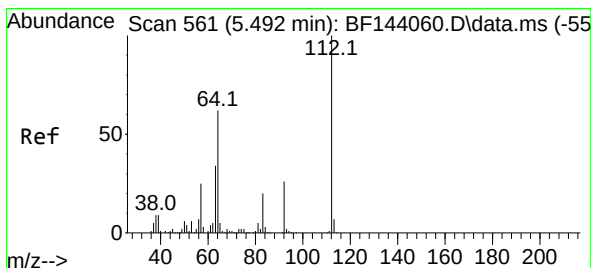
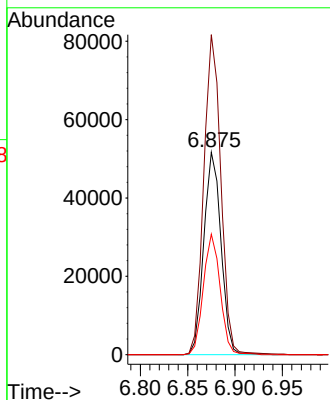
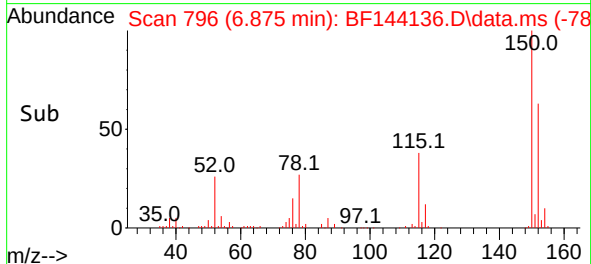
Instrument :  
BNA\_F  
ClientSampleId :  
B7-1.0-2.0-20251023



Tgt Ion:152 Resp: 65089  
Ion Ratio Lower Upper  
152 100  
150 158.1 124.4 186.6  
115 59.5 49.4 74.0

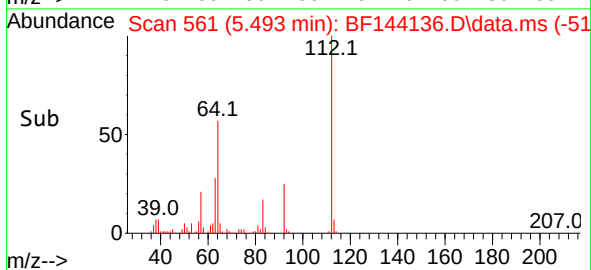
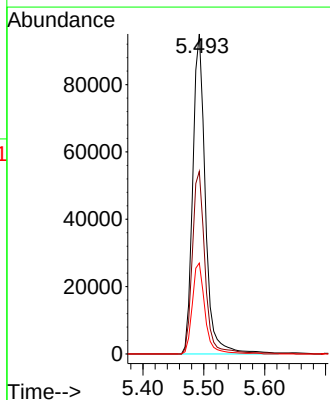
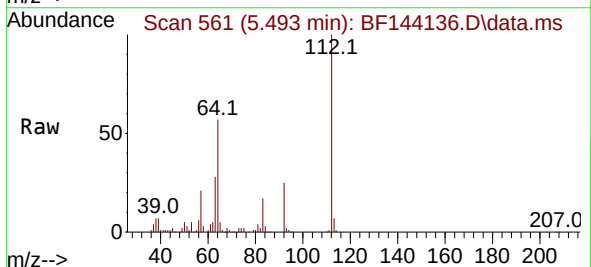
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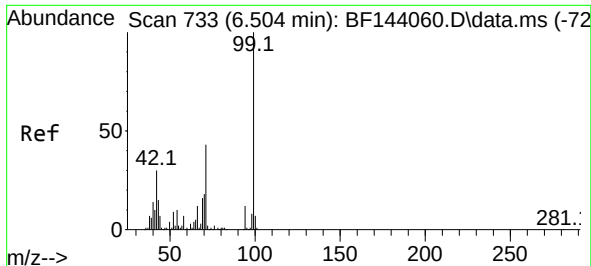
Reviewed By :Rahul Chavli 10/30/2025  
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#5  
2-Fluorophenol  
Concen: 33.399 ng  
RT: 5.493 min Scan# 561  
Delta R.T. 0.000 min  
Lab File: BF144136.D  
Acq: 29 Oct 2025 19:01

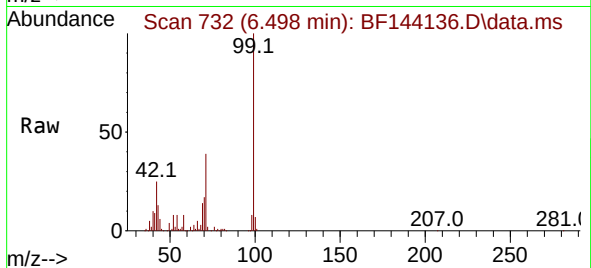
Tgt Ion:112 Resp: 137406  
Ion Ratio Lower Upper  
112 100  
64 57.1 49.8 74.8  
63 28.4 27.4 41.2





#7  
Phenol-d6  
Concen: 34.262 ng  
RT: 6.498 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF144136.D  
Acq: 29 Oct 2025 19:01

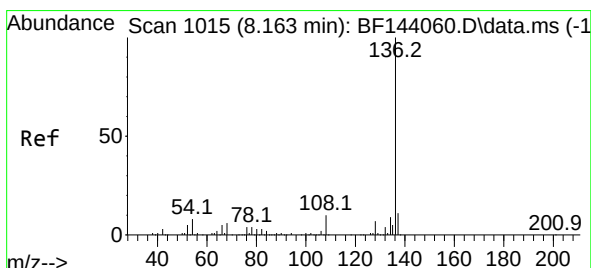
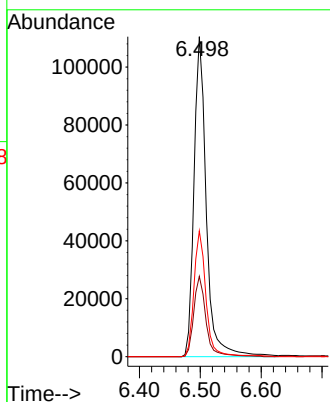
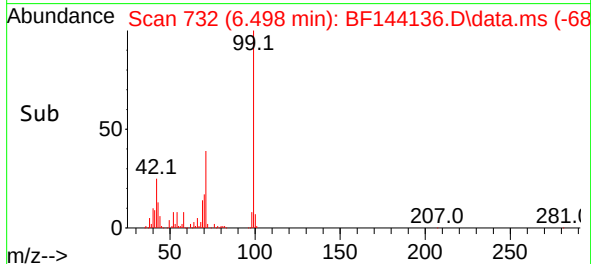
Instrument :  
BNA\_F  
ClientSampleId :  
B7-1.0-2.0-20251023



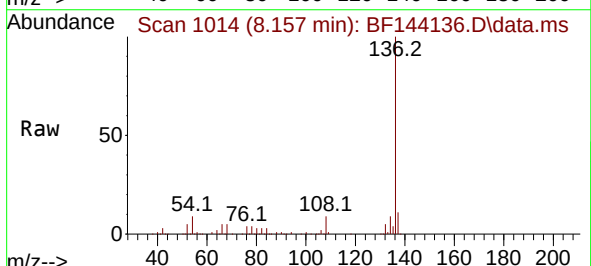
Tgt Ion: 99 Resp: 15567  
Ion Ratio Lower Upper  
99 100  
42 25.1 23.9 35.9  
71 39.3 34.4 51.6

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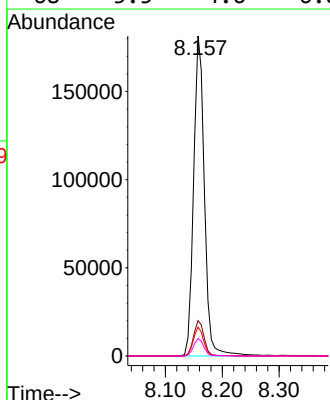
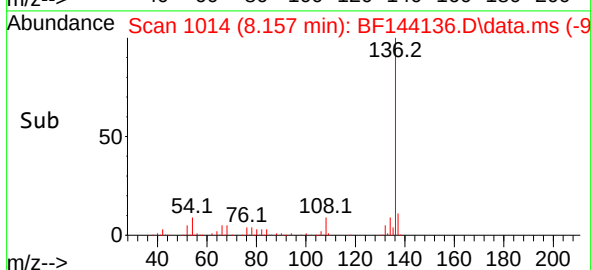
Reviewed By :Rahul Chavli 10/30/2025  
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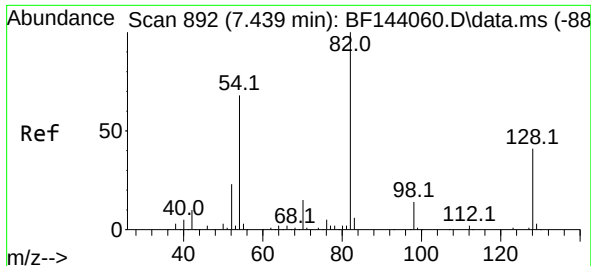


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.157 min Scan# 1014  
Delta R.T. -0.006 min  
Lab File: BF144136.D  
Acq: 29 Oct 2025 19:01



Tgt Ion:136 Resp: 241547  
Ion Ratio Lower Upper  
136 100  
137 11.1 8.6 13.0  
54 9.0 6.6 9.8  
68 5.5 4.6 6.8





#23

Nitrobenzene-d5

Concen: 20.502 ng

RT: 7.434 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF144136.D

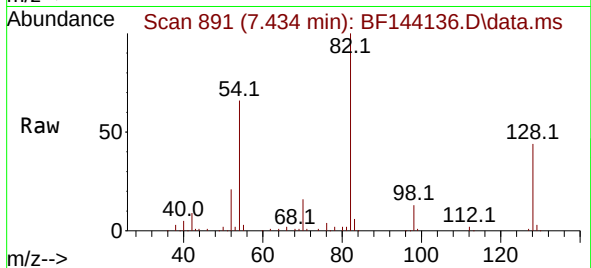
Acq: 29 Oct 2025 19:01

Instrument :

BNA\_F

ClientSampleId :

B7-1.0-2.0-20251023



Tgt Ion: 82 Resp: 90388

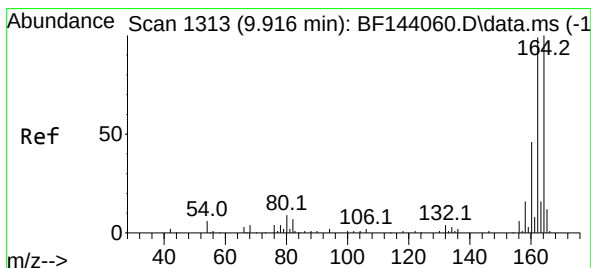
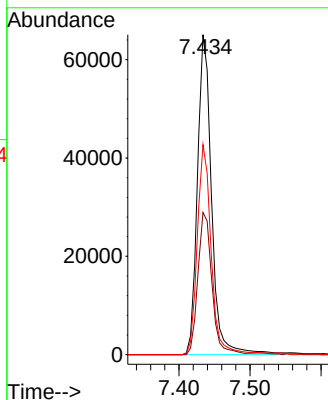
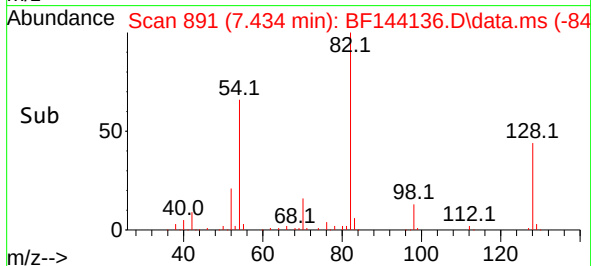
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 44.4  | 32.4  | 48.6  |
| 54  | 65.6  | 54.0  | 81.0  |

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

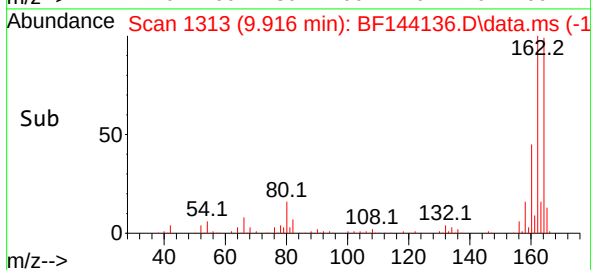
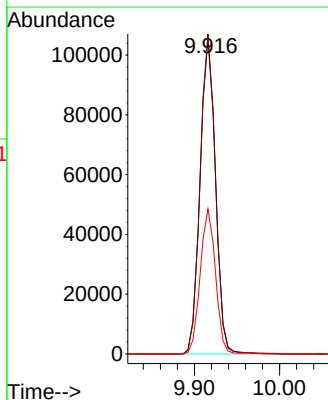
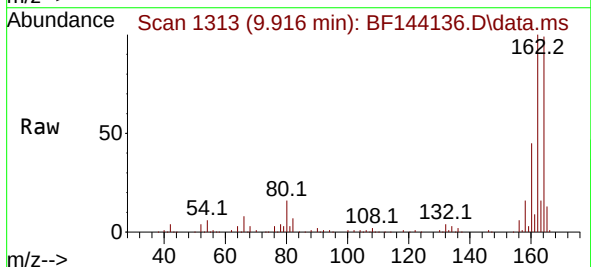
Delta R.T. 0.000 min

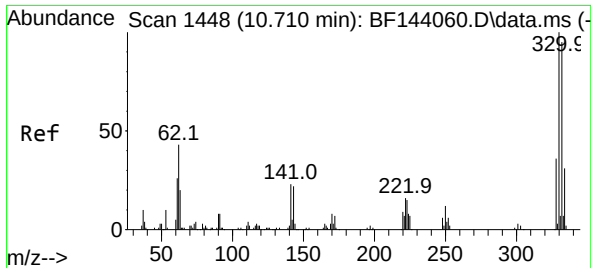
Lab File: BF144136.D

Acq: 29 Oct 2025 19:01

Tgt Ion:164 Resp: 132577

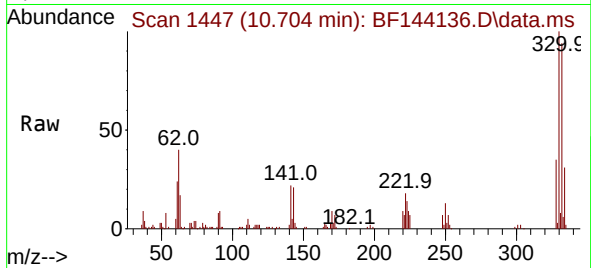
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 101.3 | 79.4  | 119.2 |
| 160 | 45.9  | 36.7  | 55.1  |





#42  
2,4,6-Tribromophenol  
Concen: 28.617 ng  
RT: 10.704 min Scan# 1448  
Delta R.T. -0.006 min  
Lab File: BF144136.D  
Acq: 29 Oct 2025 19:01

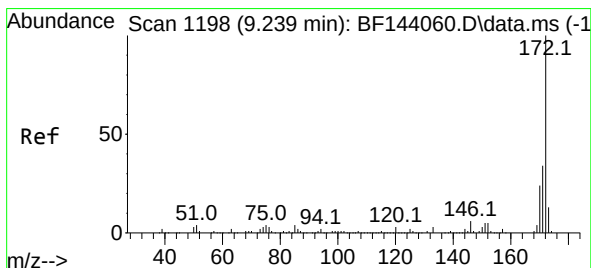
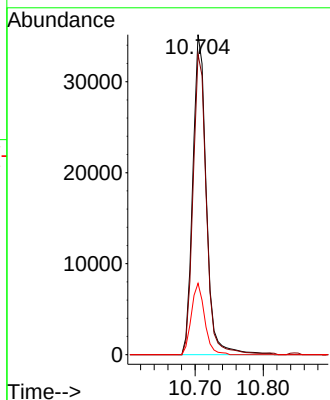
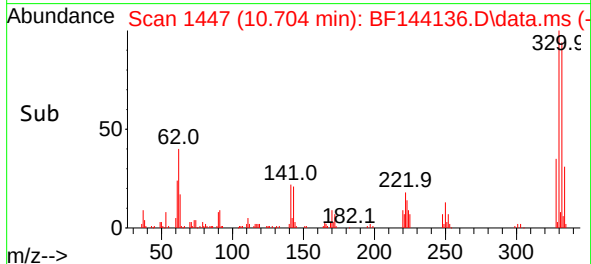
Instrument :  
BNA\_F  
ClientSampleId :  
B7-1.0-2.0-20251023



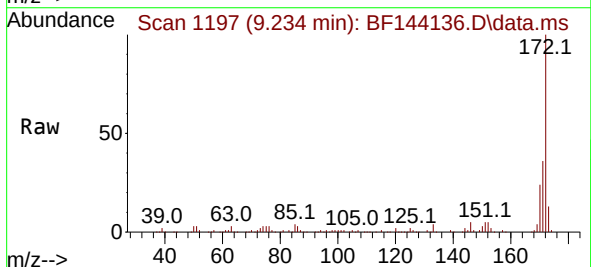
Tgt Ion: 330 Resp: 4832  
Ion Ratio Lower Upper  
330 100  
332 92.8 77.0 115.6  
141 21.8 19.4 29.0

Manual Integrations  
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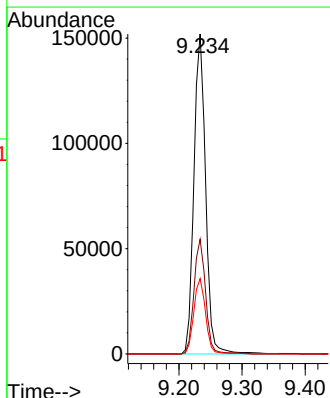
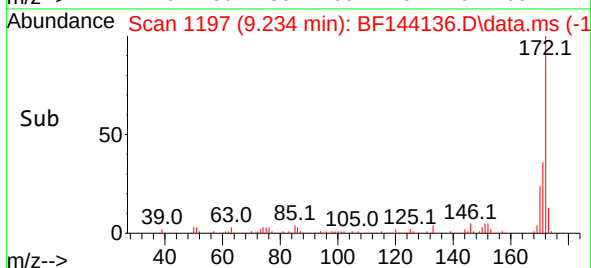
Reviewed By :Rahul Chavli 10/30/2025  
Supervised By :Jagrut Upadhyay 10/30/2025

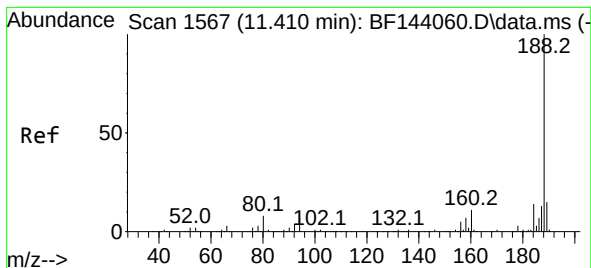


#45  
2-Fluorobiphenyl  
Concen: 20.765 ng  
RT: 9.234 min Scan# 1197  
Delta R.T. -0.006 min  
Lab File: BF144136.D  
Acq: 29 Oct 2025 19:01



Tgt Ion: 172 Resp: 195633  
Ion Ratio Lower Upper  
172 100  
171 35.9 27.5 41.3  
170 23.5 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF144136.D

Acq: 29 Oct 2025 19:01

Instrument :

BNA\_F

ClientSampleId :

B7-1.0-2.0-20251023

Tgt Ion:188 Resp: 22504

Ion Ratio Lower Upper

188 100

94 7.9 5.4 8.0

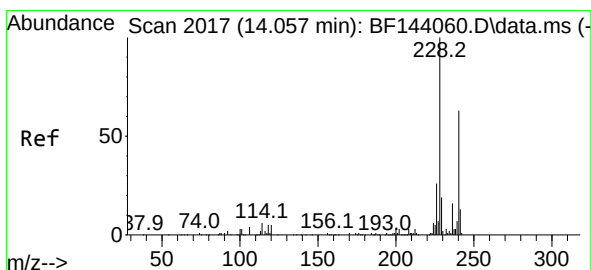
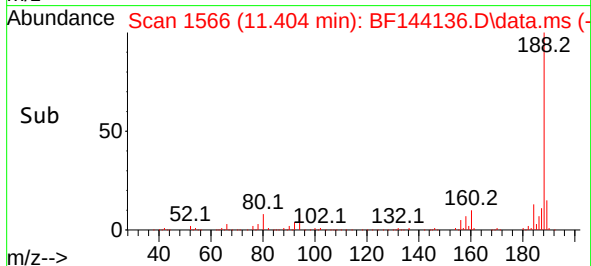
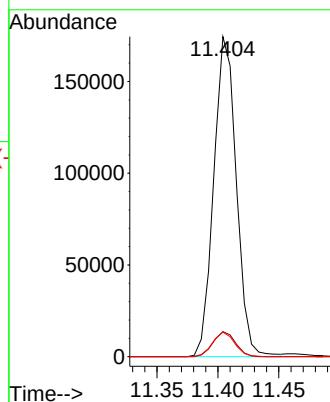
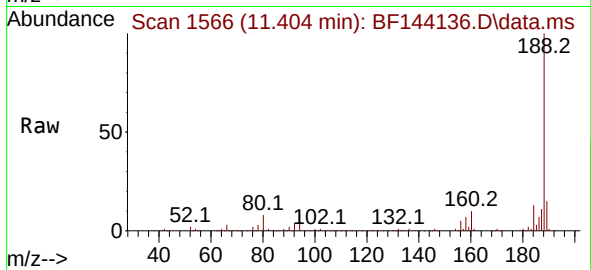
80 7.6 6.0 9.0

Manual Integrations

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#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF144136.D

Acq: 29 Oct 2025 19:01

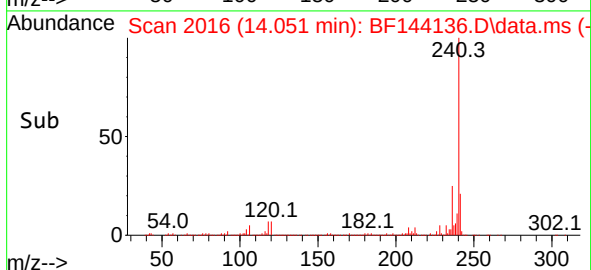
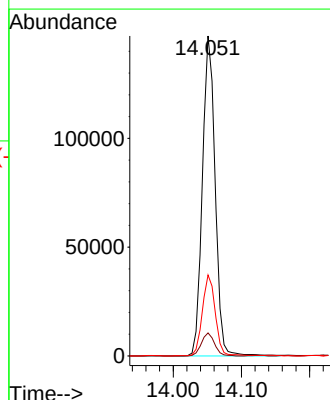
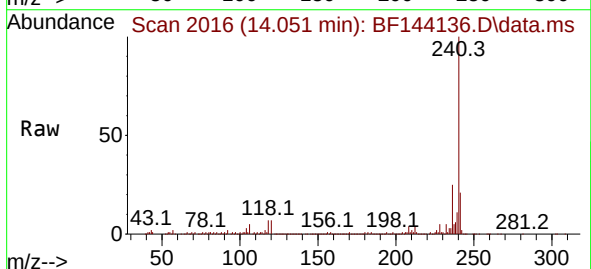
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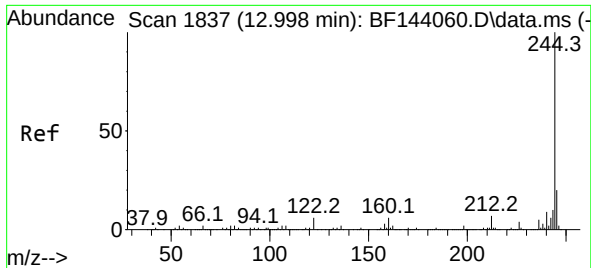
Ion Ratio Lower Upper

240 100

120 7.2 6.5 9.7

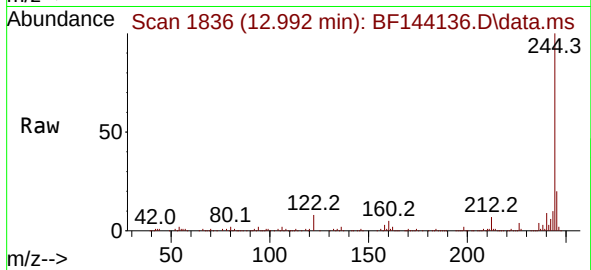
236 25.3 20.1 30.1





#79  
 Terphenyl-d14  
 Concen: 16.278 ng  
 RT: 12.992 min Scan# 1836  
 Delta R.T. -0.006 min  
 Lab File: BF144136.D  
 Acq: 29 Oct 2025 19:01

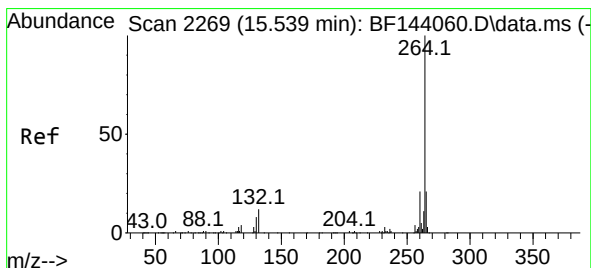
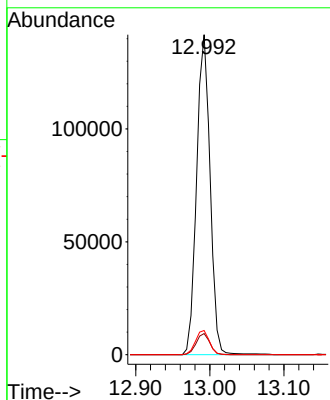
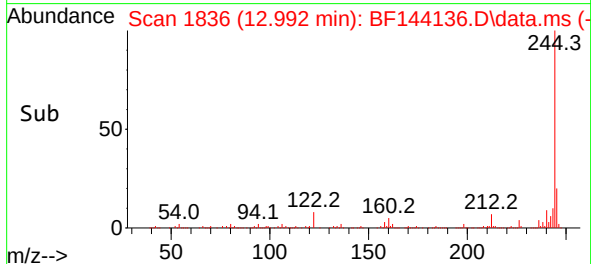
Instrument :  
 BNA\_F  
 ClientSampleId :  
 B7-1.0-2.0-20251023



Tgt Ion:244 Resp: 17870  
 Ion Ratio Lower Upper  
 244 100  
 212 6.6 5.8 8.6  
 122 7.6 4.9 7.3

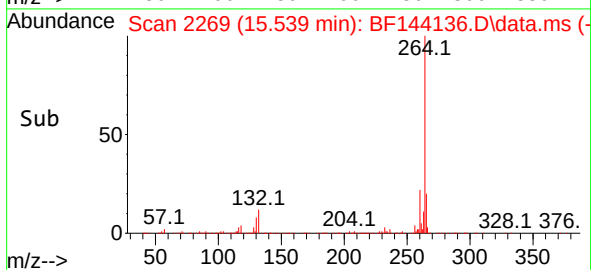
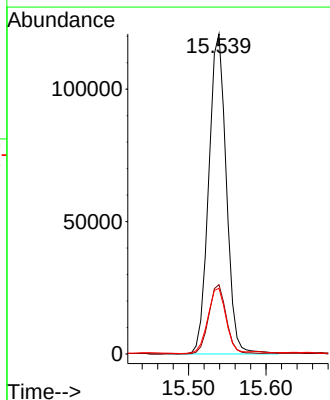
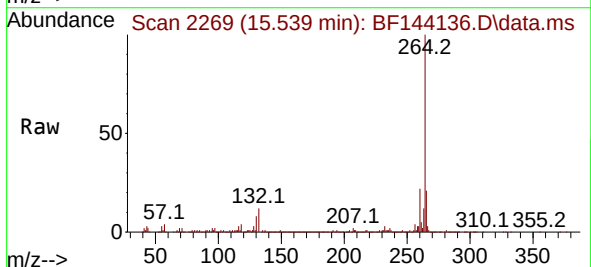
Manual Integrations  
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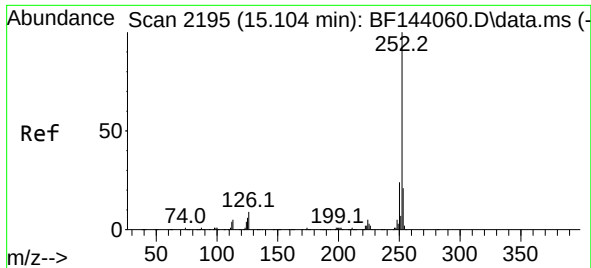


#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.539 min Scan# 2269  
 Delta R.T. 0.000 min  
 Lab File: BF144136.D  
 Acq: 29 Oct 2025 19:01

Tgt Ion:264 Resp: 190782  
 Ion Ratio Lower Upper  
 264 100  
 260 21.7 17.0 25.4  
 265 20.5 16.6 24.8

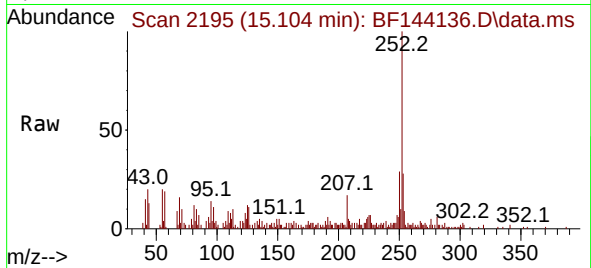






#88  
Benzo(b)fluoranthene  
Concen: 2.461 ng m  
RT: 15.104 min Scan# 2195  
Delta R.T. 0.000 min  
Lab File: BF144136.D  
Acq: 29 Oct 2025 19:01

Instrument :  
BNA\_F  
ClientSampleId :  
B7-1.0-2.0-20251023



Tgt Ion:252 Resp: 2654  
Ion Ratio Lower Upper  
252 100  
253 28.2 17.2 25.8  
125 12.0 5.0 7.6

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