

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF060225\  
 Data File : BF142599.D  
 Acq On : 02 Jun 2025 16:03  
 Operator : RC/JU  
 Sample : Q2149-01  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FILTER-CAKE

Manual Integrations  
 APPROVED

Reviewed By :Rahul Chavli 06/03/2025  
 Supervised By :Jagrut Upadhyay 06/03/2025

Quant Time: Jun 02 16:53:56 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF052025.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue May 20 16:26:47 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.898  | 152  | 124508   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.180  | 136  | 456228   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.939  | 164  | 209752   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.427 | 188  | 288264   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.074 | 240  | 250895   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.568 | 264  | 269491   | 20.000  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.534  | 112  | 750355   | 101.533 | ng    | 0.02     |
| 7) Phenol-d6                  | 6.533  | 99   | 810952   | 91.158  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.463  | 82   | 618911   | 73.973  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.733 | 330  | 226107   | 97.126  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.257  | 172  | 1148116  | 73.449  | ng    | -0.01    |
| 79) Terphenyl-d14             | 13.015 | 244  | 829246   | 45.166  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 10) Phenol                    | 6.545  | 94   | 34596    | 3.456   | ng    | # 62     |
| 15) Benzyl Alcohol            | 7.051  | 79   | 88954    | 13.531  | ng    | 97       |
| 20) 3+4-Methylphenols         | 7.310  | 107  | 985246   | 122.420 | ng    | # 56     |
| 32) Benzoic acid              | 8.022  | 122  | 58420m   | 13.497  | ng    |          |
| 50) Dimethylphthalate         | 9.651  | 163  | 37087    | 2.680   | ng    | # 99     |
| 84) Bis(2-ethylhexyl)phtha... | 14.051 | 149  | 33631    | 4.062   | ng    | # 93     |
| -----                         |        |      |          |         |       |          |

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

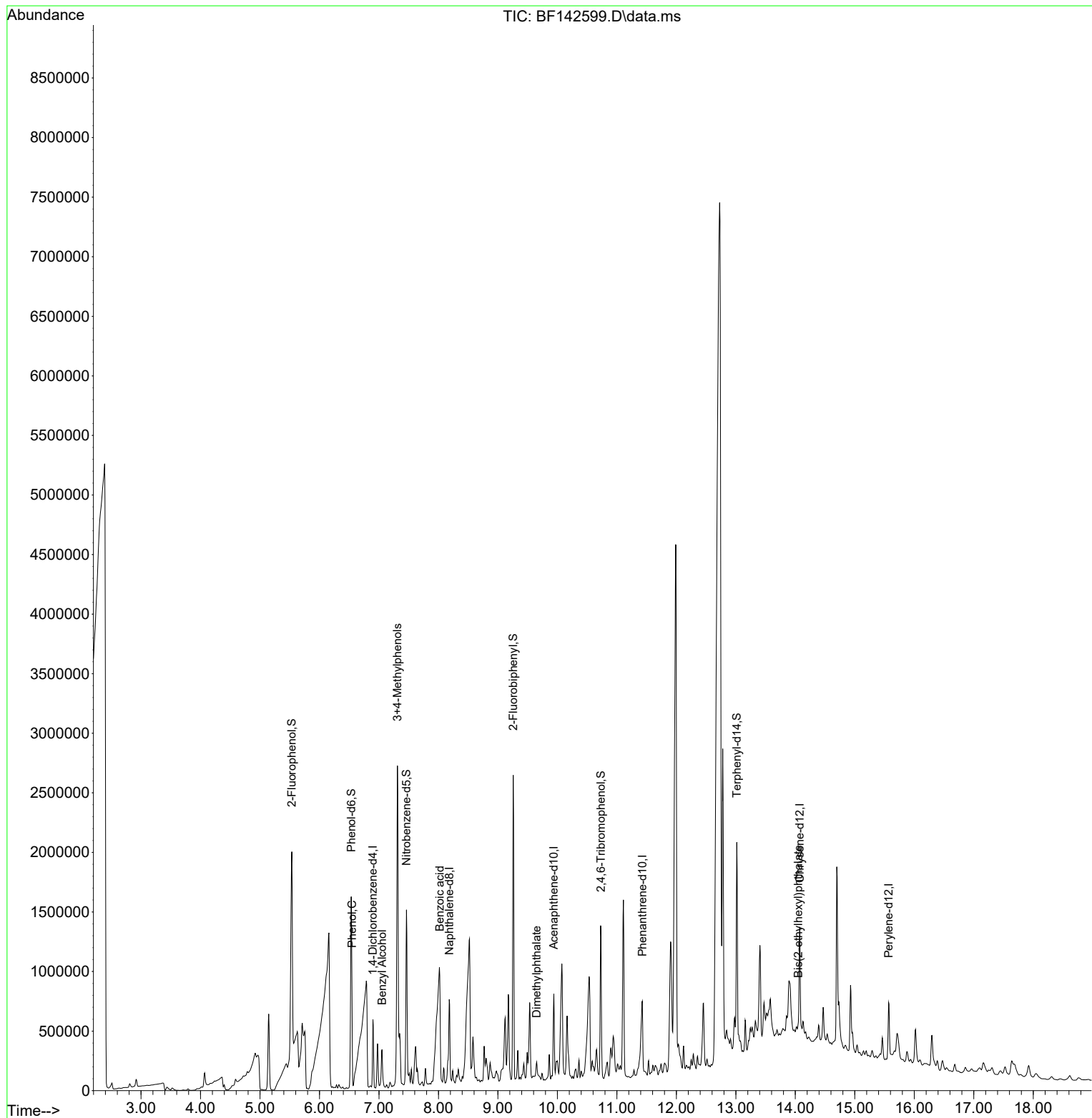
Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF060225\  
Data File : BF142599.D  
Acq On : 02 Jun 2025 16:03  
Operator : RC/JU  
Sample : Q2149-01  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

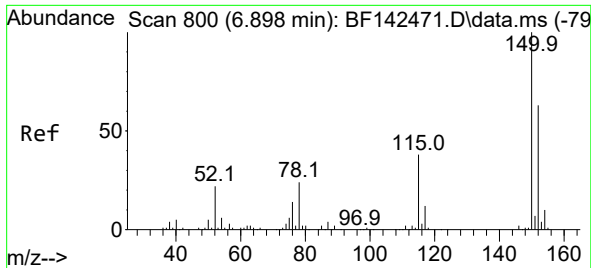
Instrument :  
BNA\_F  
ClientSampleId :  
FILTER-CAKE

Quant Time: Jun 02 16:53:56 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF052025.M  
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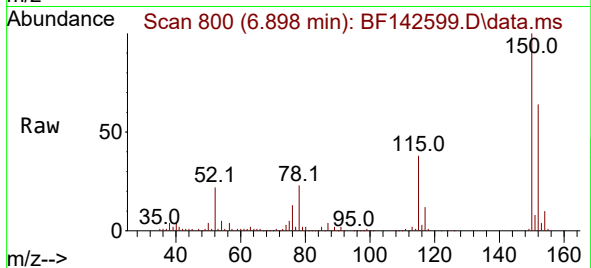
#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.898 min Scan# 800  
Delta R.T. -0.006 min  
Lab File: BF142599.D  
Acq: 02 Jun 2025 16:03

Instrument :

BNA\_F

ClientSampleId :

FILTER-CAKE



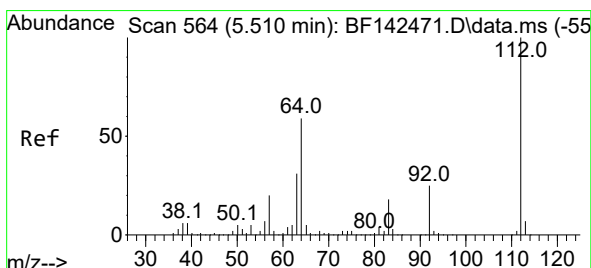
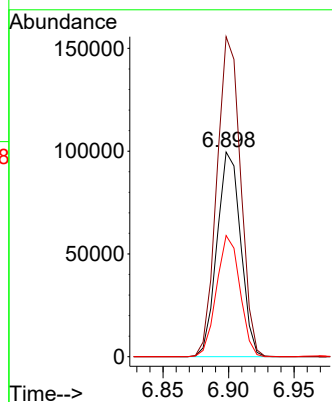
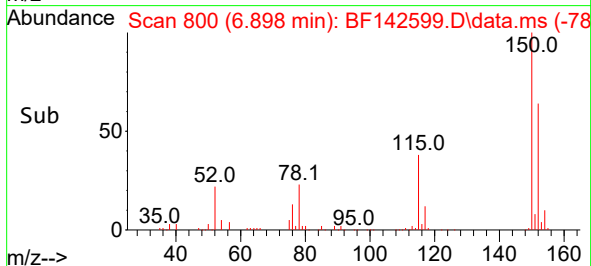
Tgt Ion:152 Resp: 124508  
Ion Ratio Lower Upper  
152 100  
150 156.4 128.2 192.4  
115 59.2 48.3 72.5

Manual Integrations

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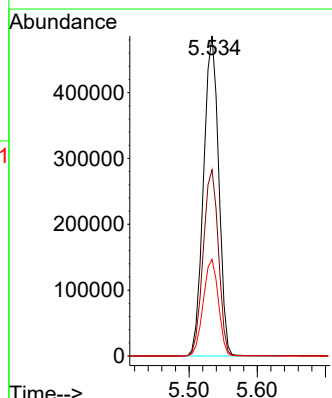
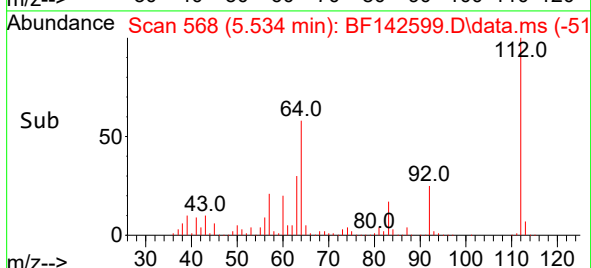
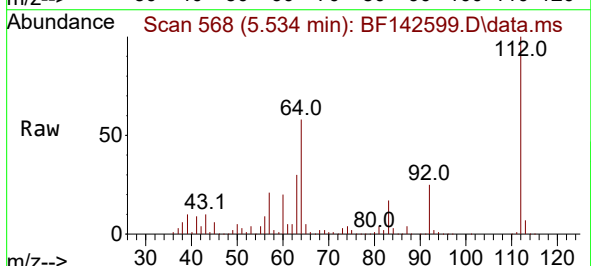
Reviewed By :Rahul Chavli 06/03/2025

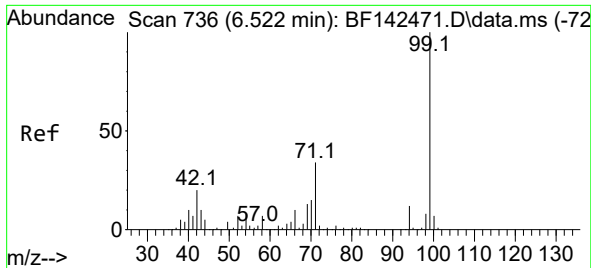
Supervised By :Jagrut Upadhyay 06/03/2025



#5  
2-Fluorophenol  
Concen: 101.533 ng  
RT: 5.534 min Scan# 568  
Delta R.T. 0.018 min  
Lab File: BF142599.D  
Acq: 02 Jun 2025 16:03

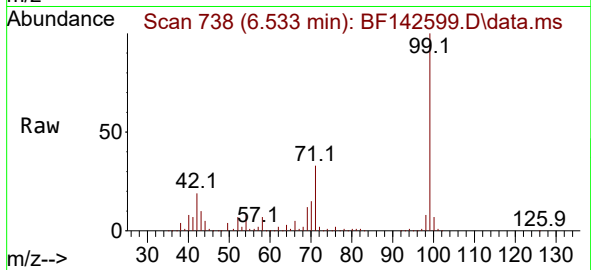
Tgt Ion:112 Resp: 750355  
Ion Ratio Lower Upper  
112 100  
64 58.2 47.5 71.3  
63 30.2 24.9 37.3





#7  
Phenol-d6  
Concen: 91.158 ng  
RT: 6.533 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: BF142599.D  
Acq: 02 Jun 2025 16:03

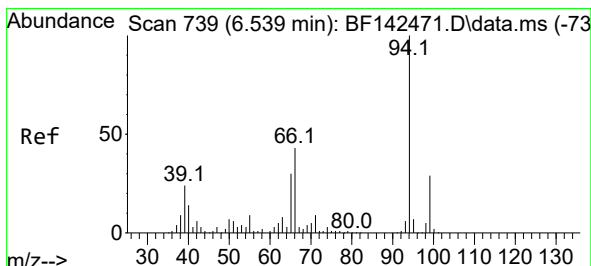
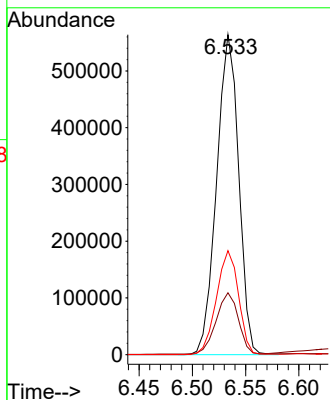
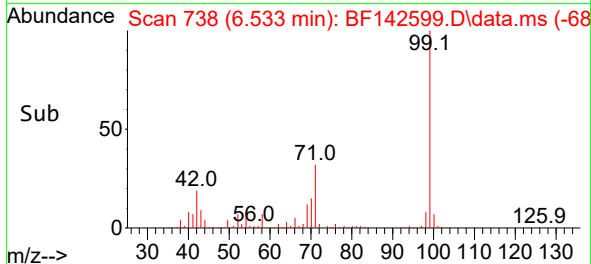
Instrument :  
BNA\_F  
ClientSampleId :  
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Tgt Ion: 99 Resp: 810952  
Ion Ratio Lower Upper  
99 100  
42 19.4 16.2 24.2  
71 32.5 27.3 40.9

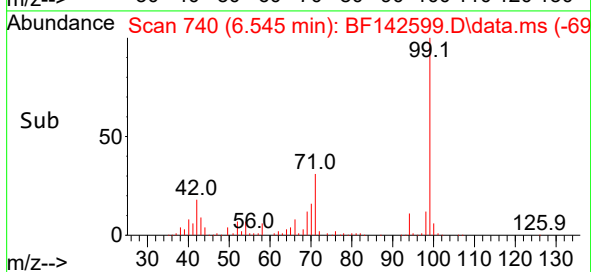
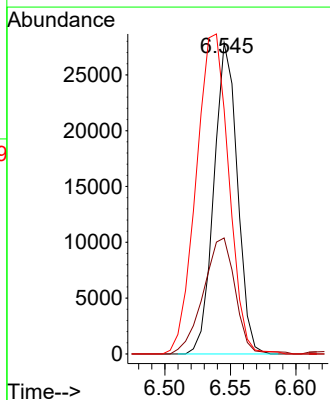
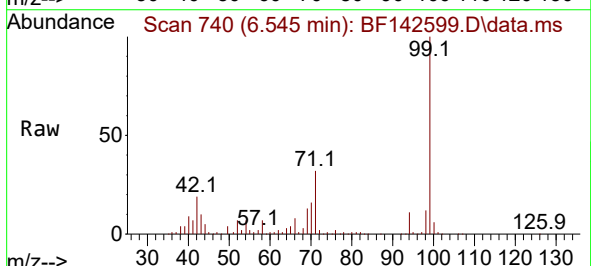
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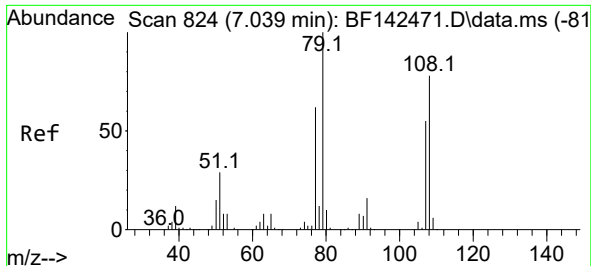
Reviewed By :Rahul Chavli 06/03/2025  
Supervised By :Jagrut Upadhyay 06/03/2025



#10  
Phenol  
Concen: 3.456 ng  
RT: 6.545 min Scan# 740  
Delta R.T. -0.006 min  
Lab File: BF142599.D  
Acq: 02 Jun 2025 16:03

Tgt Ion: 94 Resp: 34596  
Ion Ratio Lower Upper  
94 100  
65 37.3 10.3 50.3  
66 78.5 22.6 62.6#





#15

Benzyl Alcohol

Concen: 13.531 ng

RT: 7.051 min Scan# 81

Delta R.T. 0.006 min

Lab File: BF142599.D

Acq: 02 Jun 2025 16:03

Instrument :

BNA\_F

ClientSampleId :

FILTER-CAKE

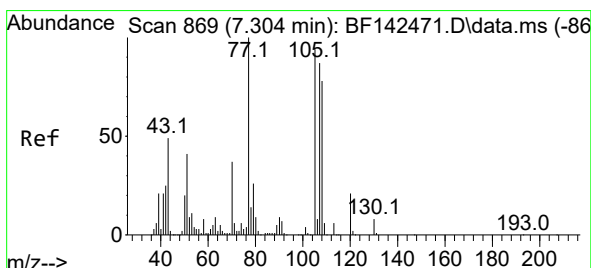
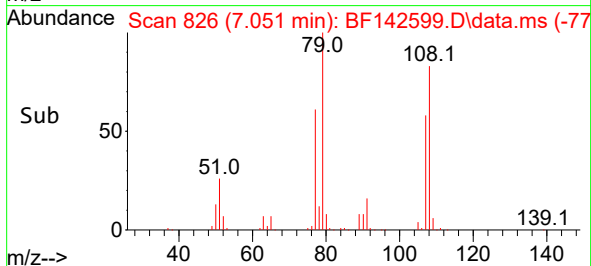
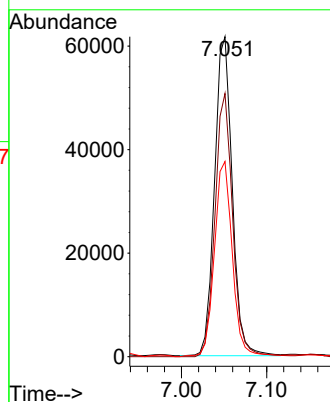
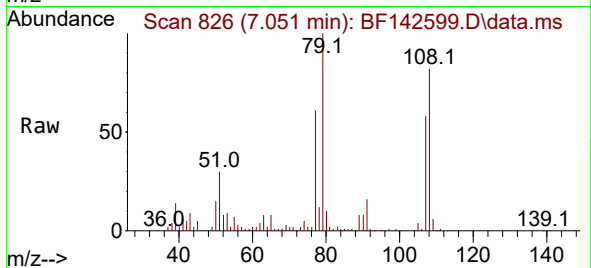
|             |             |
|-------------|-------------|
| Tgt Ion: 79 | Resp: 88954 |
| Ion Ratio   | Lower Upper |
| 79 100      |             |
| 108 82.2    | 62.1 93.1   |
| 77 61.0     | 49.5 74.3   |

Manual Integrations

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Supervised By :Jagrut Upadhyay 06/03/2025



#20

3+4-Methylphenols

Concen: 122.420 ng

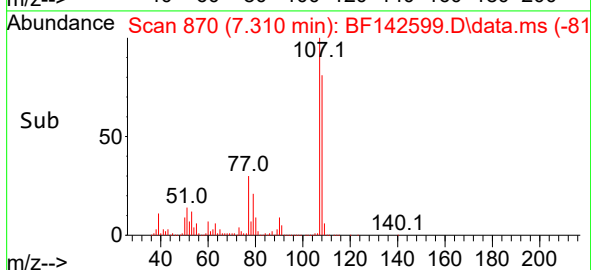
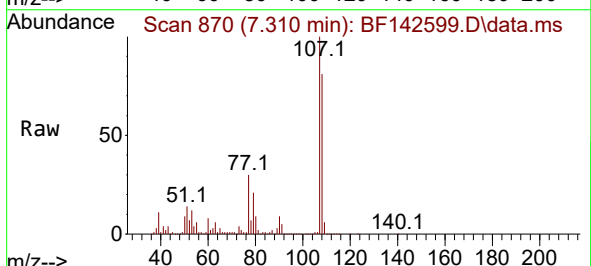
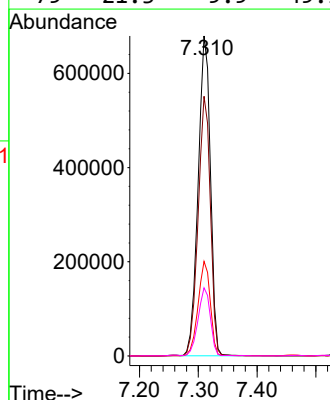
RT: 7.310 min Scan# 870

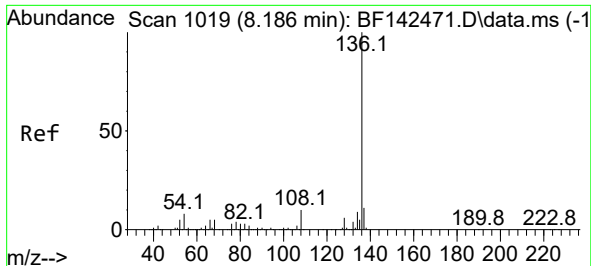
Delta R.T. -0.000 min

Lab File: BF142599.D

Acq: 02 Jun 2025 16:03

|             |              |
|-------------|--------------|
| Tgt Ion:107 | Resp: 985246 |
| Ion Ratio   | Lower Upper  |
| 107 100     |              |
| 108 81.1    | 70.4 110.4   |
| 77 29.6     | 95.4 135.4#  |
| 79 21.3     | 9.9 49.9     |





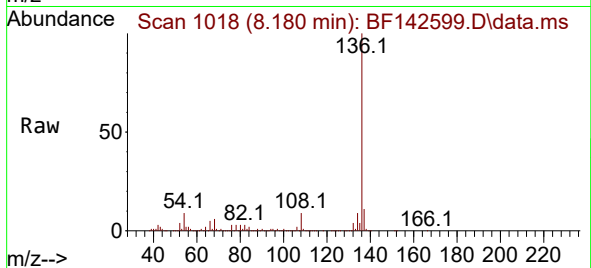
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.180 min Scan# 1019  
Delta R.T. -0.006 min  
Lab File: BF142599.D  
Acq: 02 Jun 2025 16:03

Instrument :

BNA\_F

ClientSampleId :

FILTER-CAKE



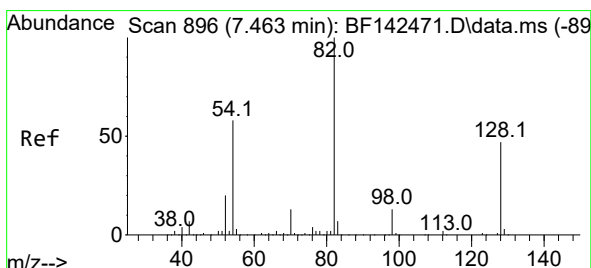
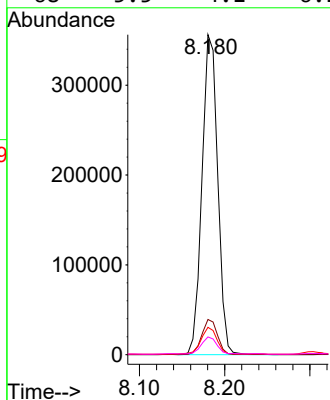
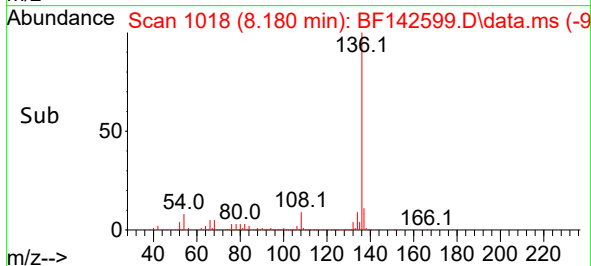
Tgt Ion:136 Resp: 456228  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.6 13.0  
54 8.6 6.6 10.0  
68 5.5 4.1 6.1

Manual Integrations

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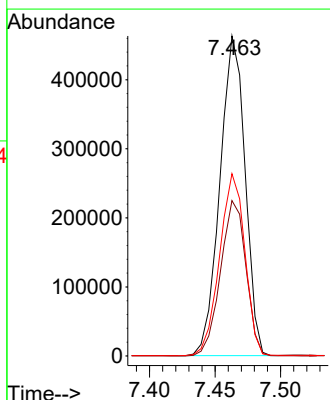
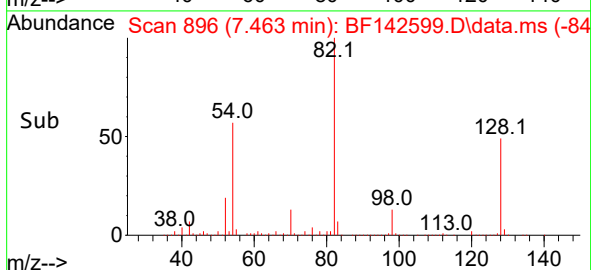
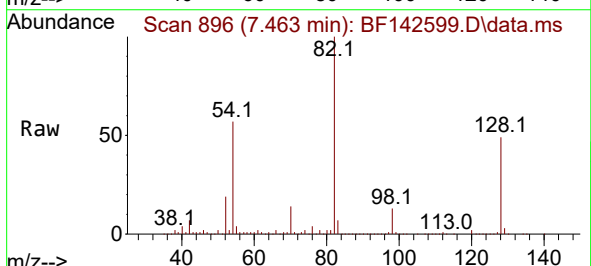
Reviewed By :Rahul Chavli 06/03/2025

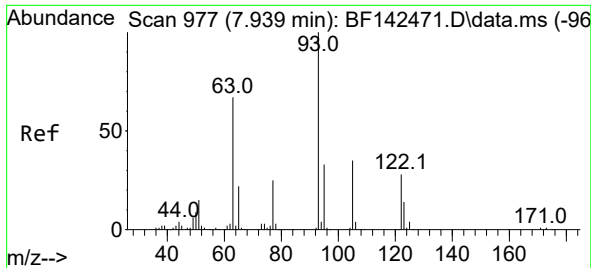
Supervised By :Jagrut Upadhyay 06/03/2025



#23  
Nitrobenzene-d5  
Concen: 73.973 ng  
RT: 7.463 min Scan# 896  
Delta R.T. -0.012 min  
Lab File: BF142599.D  
Acq: 02 Jun 2025 16:03

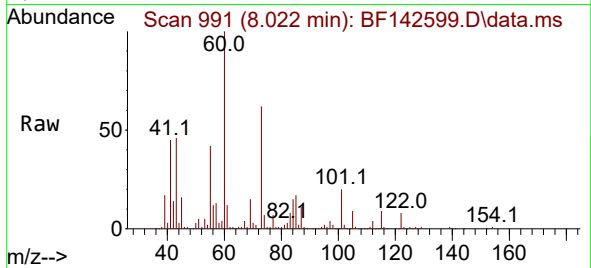
Tgt Ion: 82 Resp: 618911  
Ion Ratio Lower Upper  
82 100  
128 48.6 37.4 56.2  
54 57.0 46.6 70.0





#32  
Benzoic acid  
Concen: 13.497 ng m  
RT: 8.022 min Scan# 991  
Delta R.T. 0.047 min  
Lab File: BF142599.D  
Acq: 02 Jun 2025 16:03

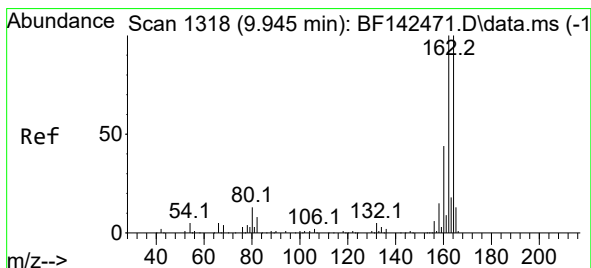
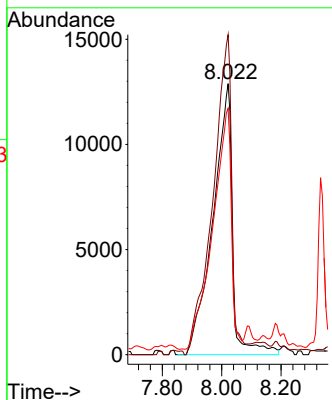
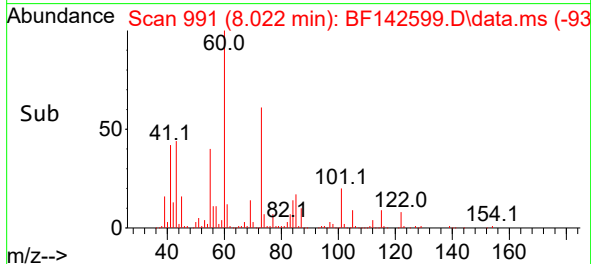
Instrument :  
BNA\_F  
ClientSampleId :  
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Tgt Ion:122 Resp: 58420  
Ion Ratio Lower Upper  
122 100  
105 118.1 101.7 141.7  
77 90.9 69.5 109.5

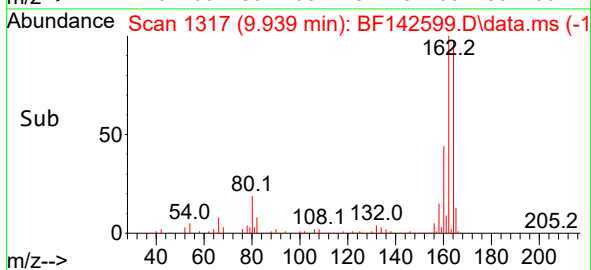
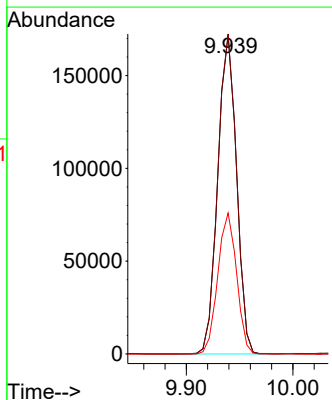
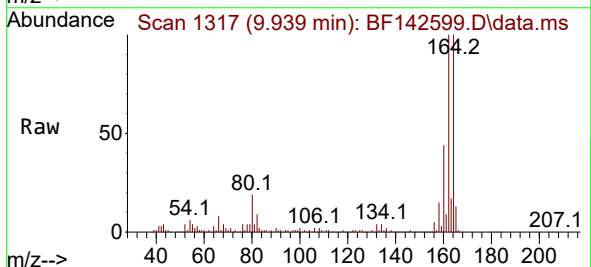
Manual Integrations  
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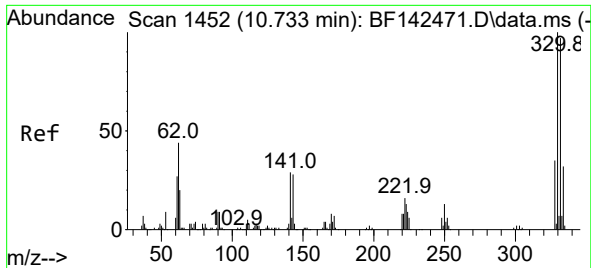
Reviewed By :Rahul Chavli 06/03/2025  
Supervised By :Jagrut Upadhyay 06/03/2025



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.939 min Scan# 1317  
Delta R.T. -0.006 min  
Lab File: BF142599.D  
Acq: 02 Jun 2025 16:03

Tgt Ion:164 Resp: 209752  
Ion Ratio Lower Upper  
164 100  
162 100.4 80.2 120.4  
160 44.2 35.6 53.4





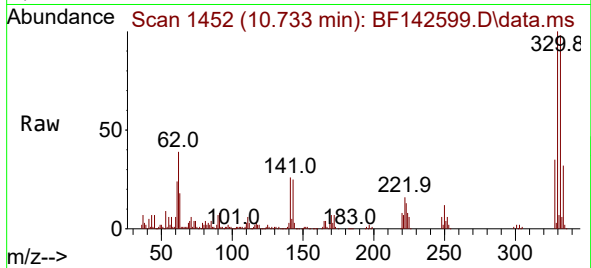
#42  
2,4,6-Tribromophenol  
Concen: 97.126 ng  
RT: 10.733 min Scan# 1452  
Delta R.T. -0.006 min  
Lab File: BF142599.D  
Acq: 02 Jun 2025 16:03

Instrument :

BNA\_F

ClientSampleId :

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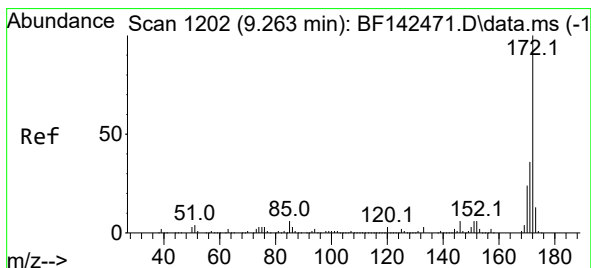
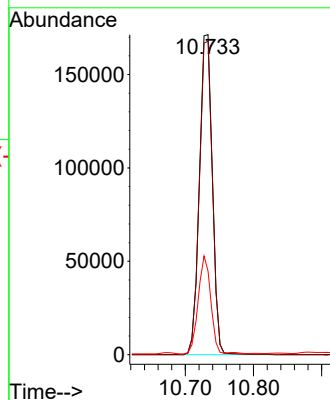
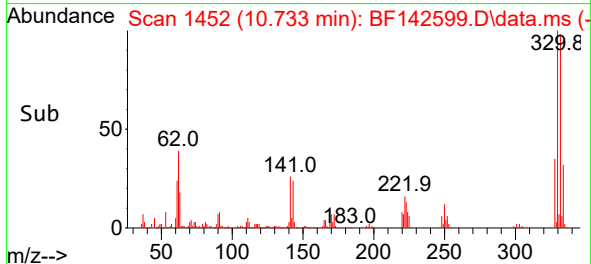
Tgt Ion: 330 Resp: 226107  
Ion Ratio Lower Upper  
330 100  
332 98.0 77.6 116.4  
141 29.4 24.6 36.8

Manual Integrations

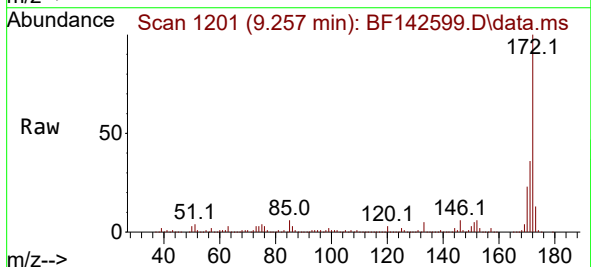
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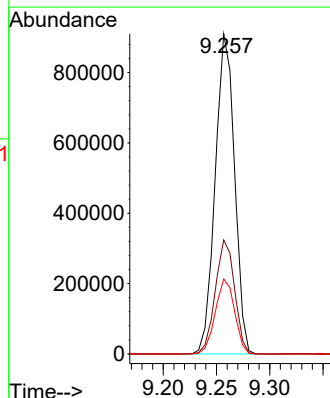
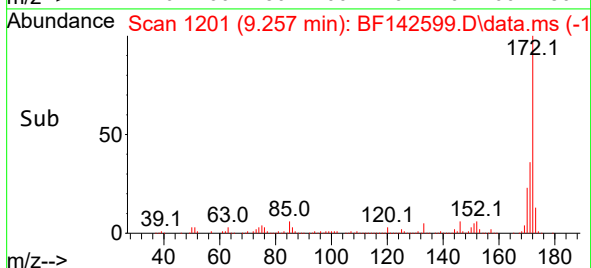
Supervised By :Jagrut Upadhyay 06/03/2025



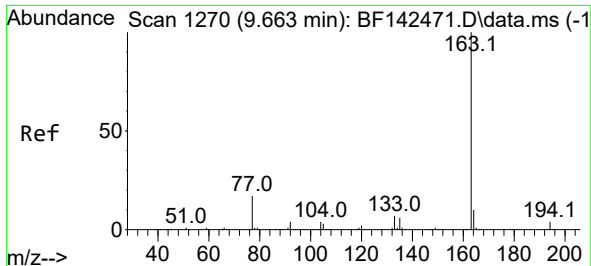
#45  
2-Fluorobiphenyl  
Concen: 73.449 ng  
RT: 9.257 min Scan# 1201  
Delta R.T. -0.012 min  
Lab File: BF142599.D  
Acq: 02 Jun 2025 16:03



Tgt Ion: 172 Resp: 1148116  
Ion Ratio Lower Upper  
172 100  
171 35.7 28.6 42.8  
170 23.5 18.9 28.3

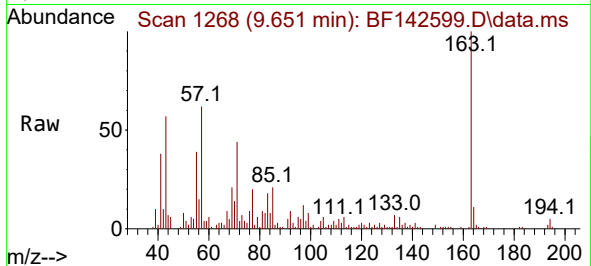






#50  
Dimethylphthalate  
Concen: 2.680 ng  
RT: 9.651 min Scan# 1268  
Delta R.T. -0.018 min  
Lab File: BF142599.D  
Acq: 02 Jun 2025 16:03

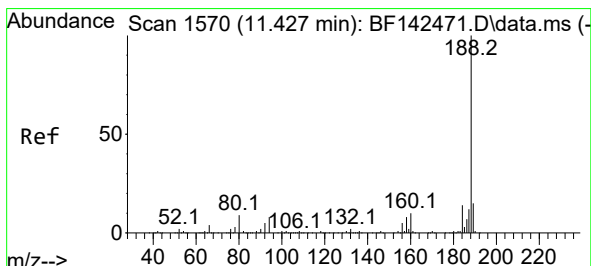
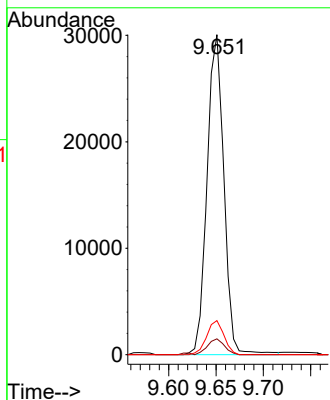
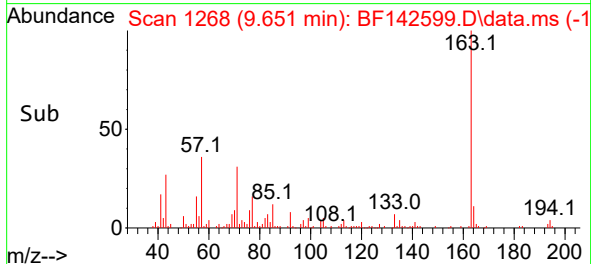
Instrument :  
BNA\_F  
ClientSampleId :  
FILTER-CAKE



Tgt Ion:163 Resp: 3708  
Ion Ratio Lower Upper  
163 100  
194 5.0 3.3 4.9  
164 10.7 8.2 12.4

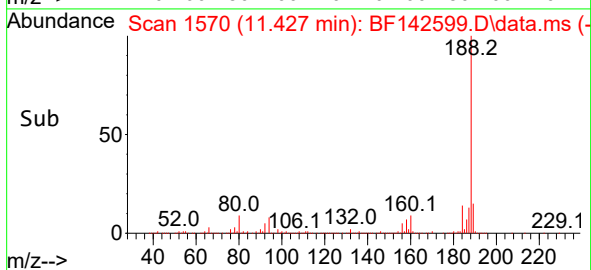
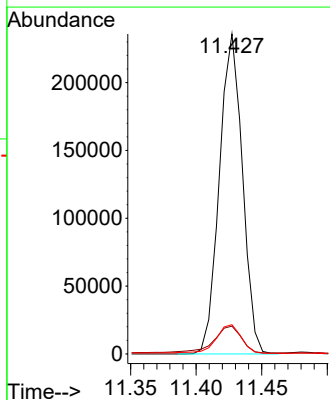
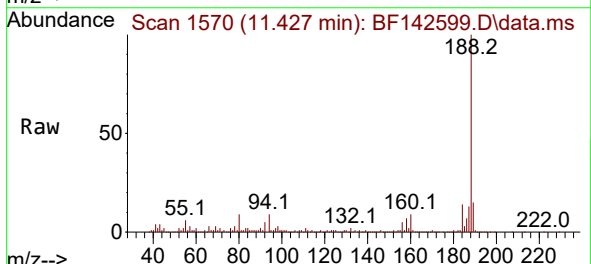
Manual Integrations  
APPROVED

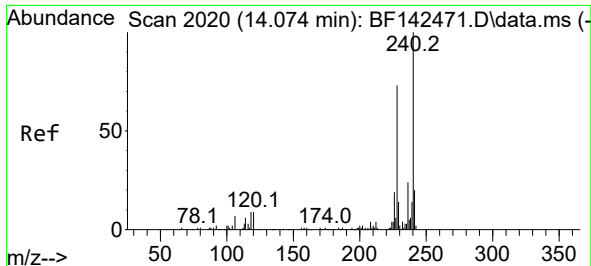
Reviewed By :Rahul Chavli 06/03/2025  
Supervised By :Jagrut Upadhyay 06/03/2025



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.427 min Scan# 1570  
Delta R.T. -0.006 min  
Lab File: BF142599.D  
Acq: 02 Jun 2025 16:03

Tgt Ion:188 Resp: 288264  
Ion Ratio Lower Upper  
188 100  
94 8.7 6.6 10.0  
80 9.1 7.4 11.0





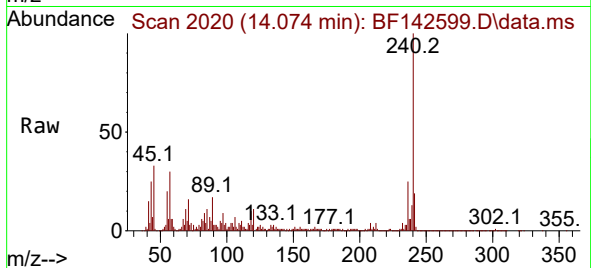
#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.074 min Scan# 2020  
Delta R.T. -0.000 min  
Lab File: BF142599.D  
Acq: 02 Jun 2025 16:03

Instrument :

BNA\_F

ClientSampleId :

FILTER-CAKE



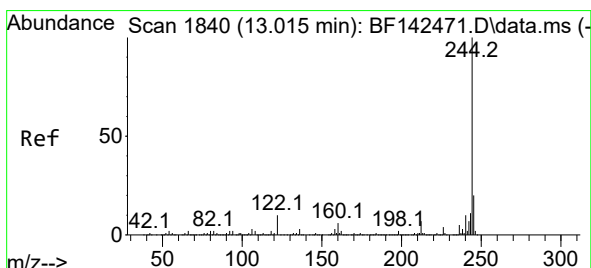
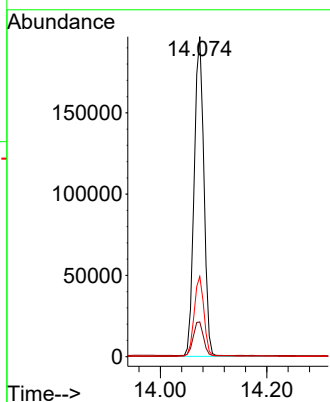
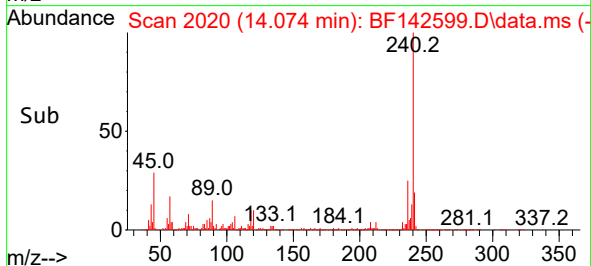
Tgt Ion:240 Resp: 250895  
Ion Ratio Lower Upper  
240 100  
120 10.8 7.5 11.3  
236 25.1 19.6 29.4

Manual Integrations

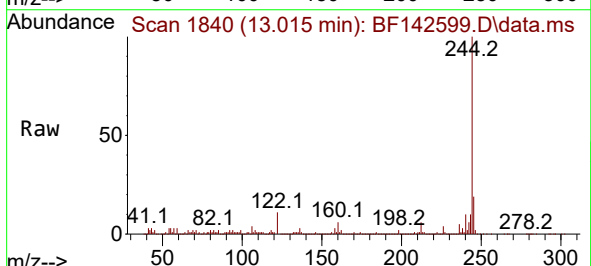
APPROVED

Reviewed By :Rahul Chavli 06/03/2025

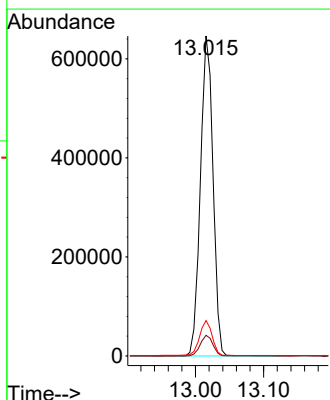
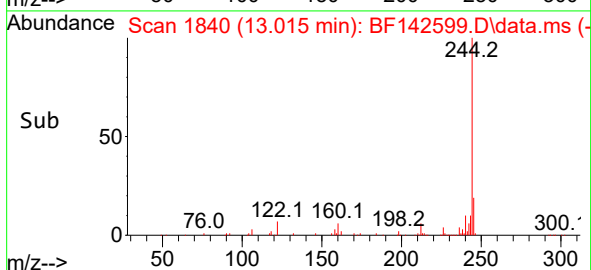
Supervised By :Jagrut Upadhyay 06/03/2025

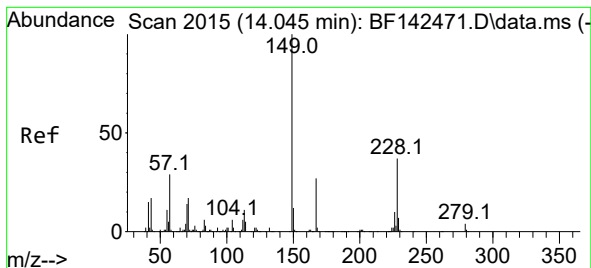


#79  
Terphenyl-d14  
Concen: 45.166 ng  
RT: 13.015 min Scan# 1840  
Delta R.T. -0.000 min  
Lab File: BF142599.D  
Acq: 02 Jun 2025 16:03



Tgt Ion:244 Resp: 829246  
Ion Ratio Lower Upper  
244 100  
212 6.5 5.3 7.9  
122 11.0 8.2 12.2





#84

Bis(2-ethylhexyl)phthalate

Concen: 4.062 ng

RT: 14.051 min Scan# 2015

Delta R.T. -0.000 min

Lab File: BF142599.D

Acq: 02 Jun 2025 16:03

Instrument :

BNA\_F

ClientSampleId :

FILTER-CAKE

Tgt Ion:149 Resp: 3363

Ion Ratio Lower Upper

149 100

167 31.0 21.5 32.3

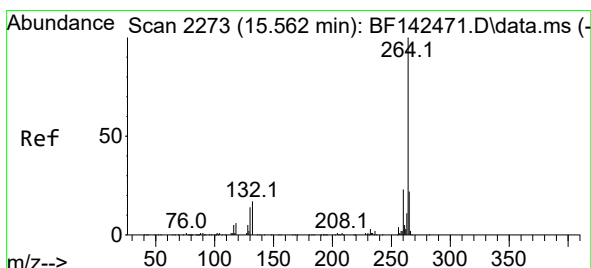
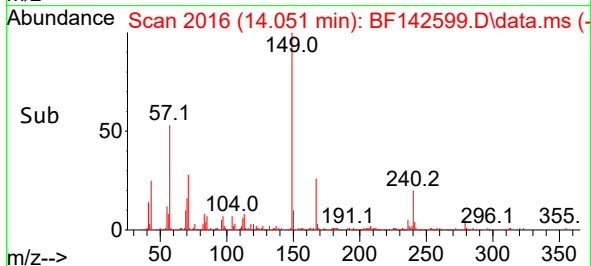
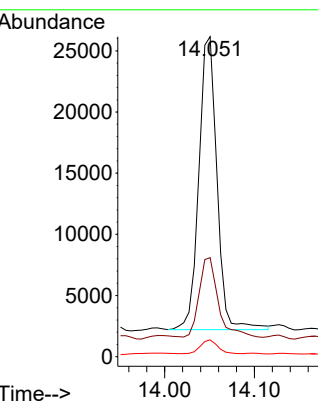
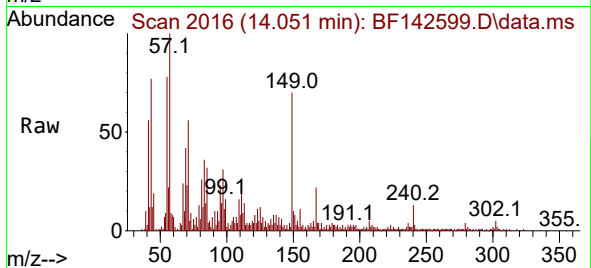
279 5.2 3.2 4.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/03/2025

Supervised By :Jagrut Upadhyay 06/03/2025



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.568 min Scan# 2274

Delta R.T. -0.000 min

Lab File: BF142599.D

Acq: 02 Jun 2025 16:03

Tgt Ion:264 Resp: 269491

Ion Ratio Lower Upper

264 100

260 23.3 18.6 28.0

265 21.8 17.7 26.5

