

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP012423\  
 Data File : BP013578.D  
 Acq On : 24 Jan 2023 19:19  
 Operator : CG/JU  
 Sample : 01190-04  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PE-3

Manual Integrations  
 APPROVED

Reviewed By :Christian Giraldo 01/25/2023  
 Supervised By :Jagrut Upadhyay 01/25/2023

Quant Time: Jan 25 03:51:19 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP012323.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jan 25 03:43:27 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.158  | 152  | 351625   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.987 | 136  | 1417479  | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.793 | 164  | 813759   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.545 | 188  | 1716676  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.622 | 240  | 1450324  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 24.204 | 264  | 1239302  | 20.000  | ng    | -0.01    |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.687  | 112  | 2340758  | 114.058 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.299  | 99   | 2985094  | 108.074 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.328  | 82   | 1643956  | 76.564  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.281 | 330  | 1010985  | 123.859 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.422 | 172  | 3598380  | 60.698  | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.075 | 244  | 5219254  | 64.740  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
| 32) Benzoic acid              | 10.187 | 122  | 49683m   | 9.131   | ng    | Qvalue   |
| 80) Butylbenzylphthalate      | 20.745 | 149  | 262354   | 7.430   | ng    | 97       |
| 81) Benzo(a)anthracene        | 21.604 | 228  | 483373   | 4.784   | ng    | 99       |
| 83) Chrysene                  | 21.663 | 228  | 573363   | 5.933   | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 21.510 | 149  | 417095   | 7.381   | ng    | 98       |
| -----                         |        |      |          |         |       |          |

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

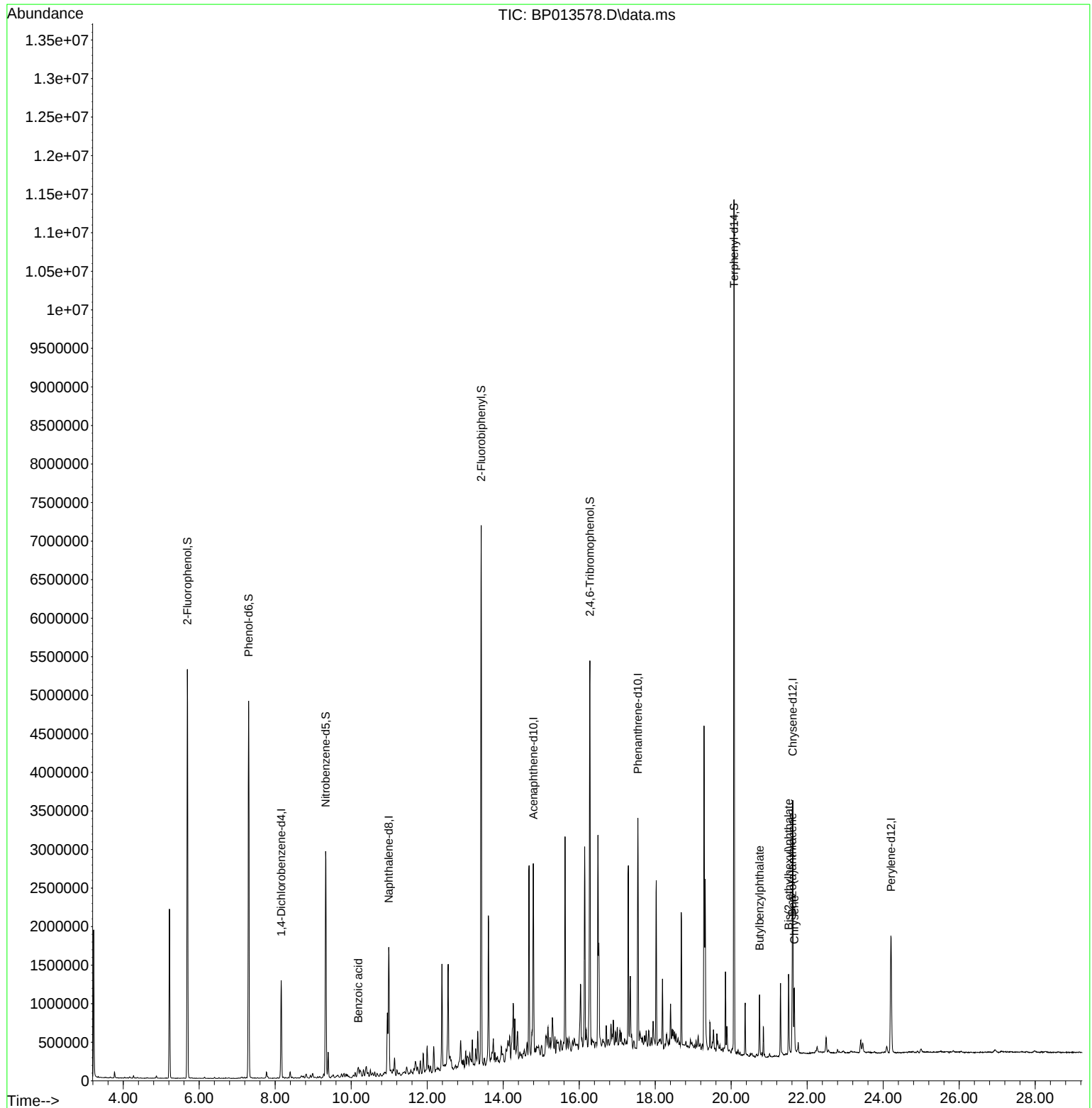
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP012423\  
Data File : BP013578.D  
Acq On : 24 Jan 2023 19:19  
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Sample : 01190-04  
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ALS Vial : 9 Sample Multiplier: 1

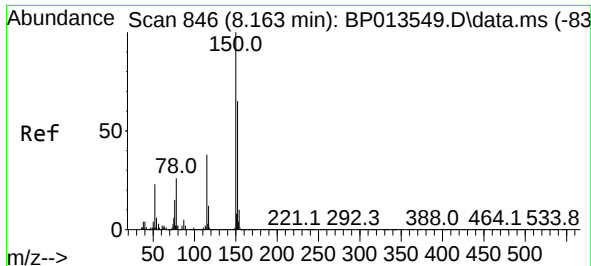
Instrument :  
BNA\_P  
ClientSampleId :  
PE-3

Quant Time: Jan 25 03:51:19 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP012323.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Jan 25 03:43:27 2023  
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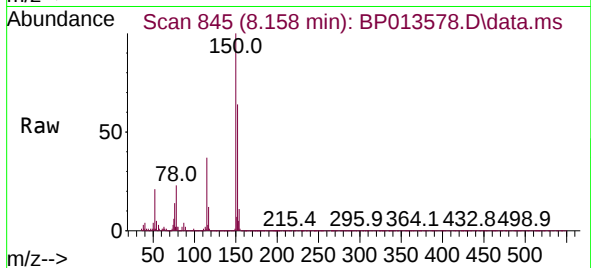
Reviewed By :Christian Giraldo 01/25/2023  
Supervised By :Jagrut Upadhyay 01/25/2023





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.158 min Scan# 846  
Delta R.T. -0.006 min  
Lab File: BP013578.D  
Acq: 24 Jan 2023 19:19

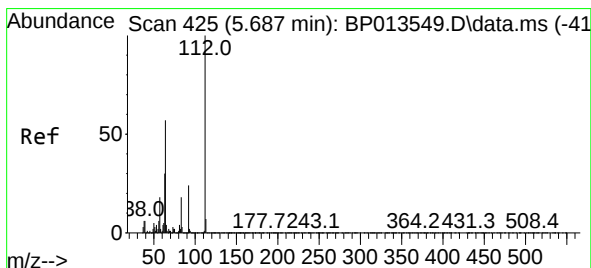
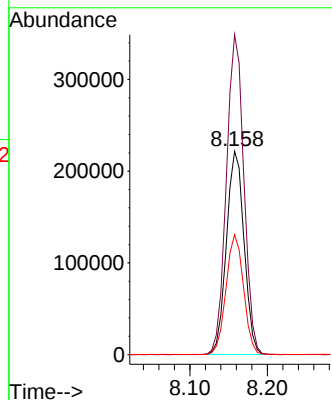
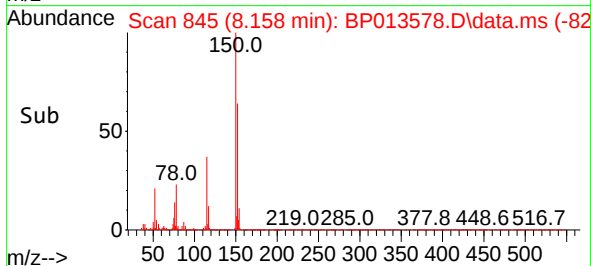
Instrument :  
BNA\_P  
ClientSampleId :  
PE-3



Tgt Ion:152 Resp: 351625  
Ion Ratio Lower Upper  
152 100  
150 157.3 122.4 183.6  
115 58.9 46.1 69.1

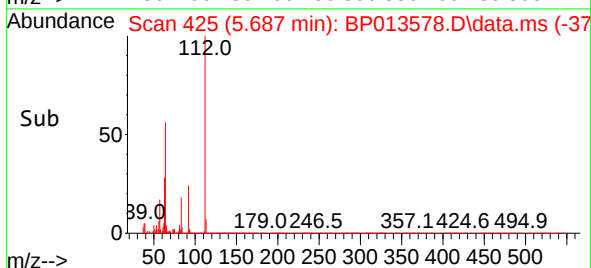
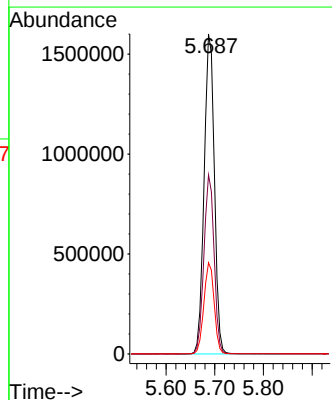
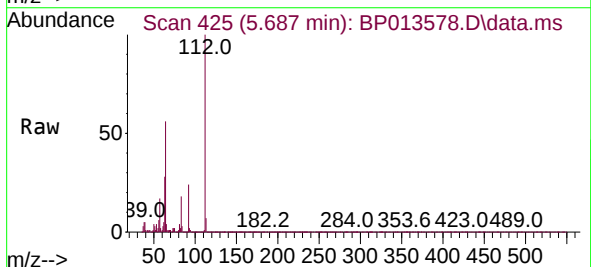
Manual Integrations  
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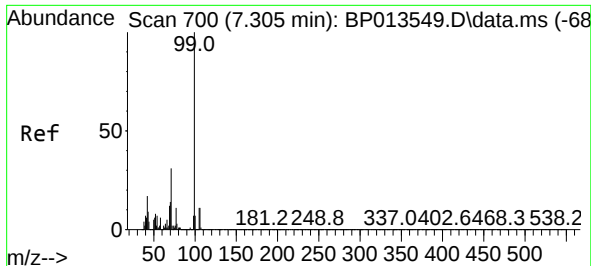
Reviewed By :Christian Giraldo 01/25/2023  
Supervised By :Jagrut Upadhyay 01/25/2023



#5  
2-Fluorophenol  
Concen: 114.058 ng  
RT: 5.687 min Scan# 425  
Delta R.T. -0.000 min  
Lab File: BP013578.D  
Acq: 24 Jan 2023 19:19

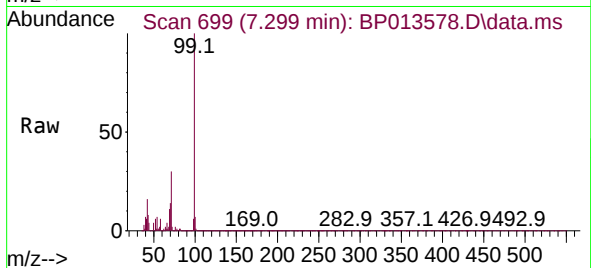
Tgt Ion:112 Resp: 2340758  
Ion Ratio Lower Upper  
112 100  
64 55.9 45.4 68.0  
63 28.5 24.1 36.1





#7  
Phenol-d6  
Concen: 108.074 ng  
RT: 7.299 min Scan# 699  
Delta R.T. -0.000 min  
Lab File: BP013578.D  
Acq: 24 Jan 2023 19:19

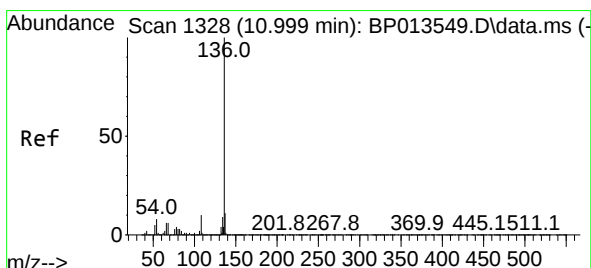
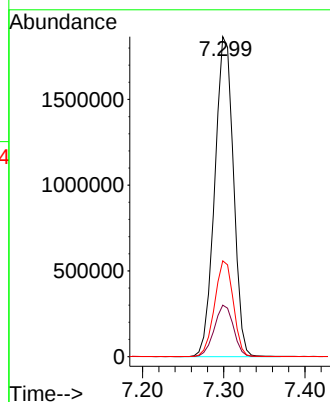
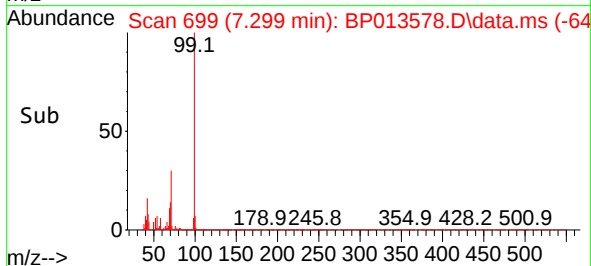
Instrument :  
BNA\_P  
ClientSampleId :  
PE-3



Tgt Ion: 99 Resp: 2985094  
Ion Ratio Lower Upper  
99 100  
42 16.1 14.0 21.0  
71 29.9 24.7 37.1

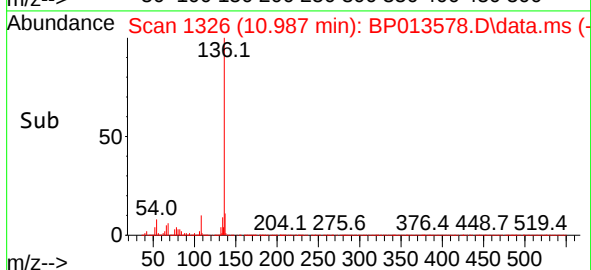
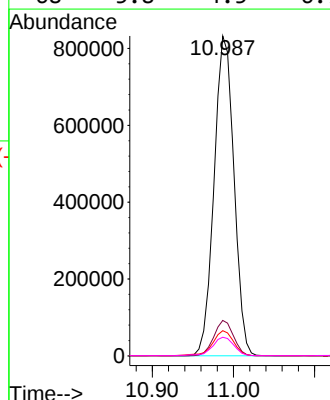
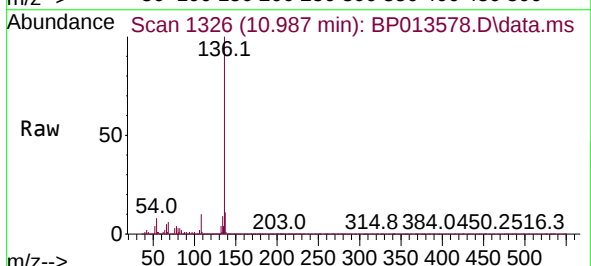
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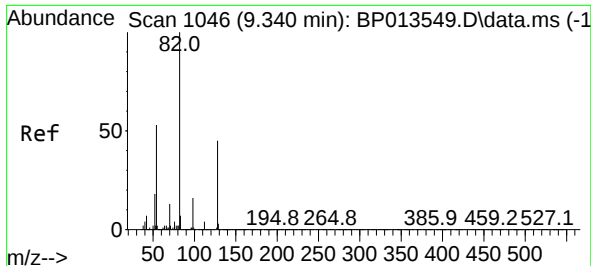
Reviewed By :Christian Giraldo 01/25/2023  
Supervised By :Jagrut Upadhyay 01/25/2023



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.987 min Scan# 1326  
Delta R.T. -0.006 min  
Lab File: BP013578.D  
Acq: 24 Jan 2023 19:19

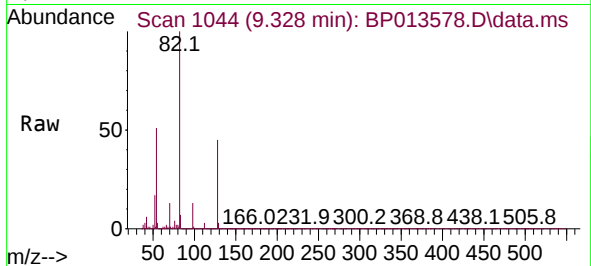
Tgt Ion:136 Resp: 1417479  
Ion Ratio Lower Upper  
136 100  
137 11.1 9.0 13.4  
54 7.9 6.6 9.8  
68 5.8 4.5 6.7





#23  
Nitrobenzene-d5  
Concen: 76.564 ng  
RT: 9.328 min Scan# 1046  
Delta R.T. -0.006 min  
Lab File: BP013578.D  
Acq: 24 Jan 2023 19:19

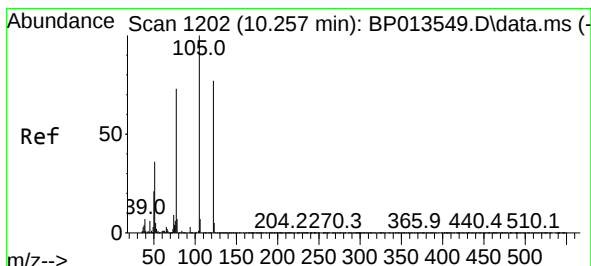
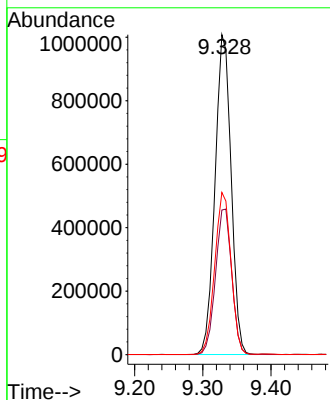
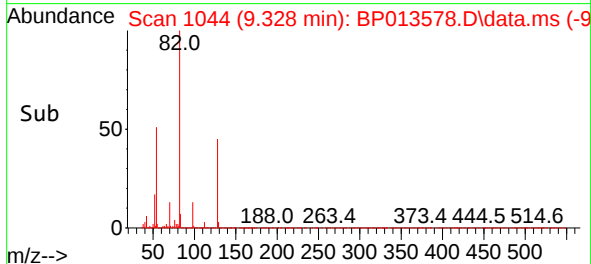
Instrument :  
BNA\_P  
ClientSampleId :  
PE-3



Tgt Ion: 82 Resp: 1643956  
Ion Ratio Lower Upper  
82 100  
128 45.2 35.8 53.6  
54 50.7 42.6 64.0

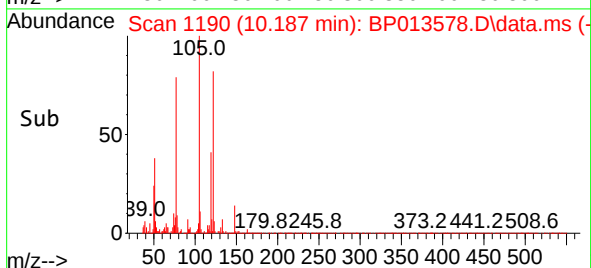
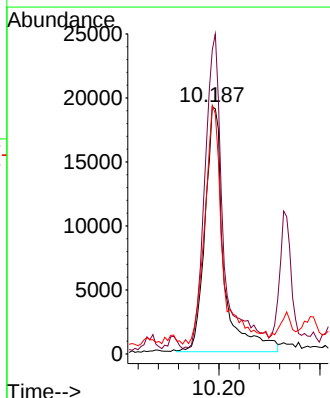
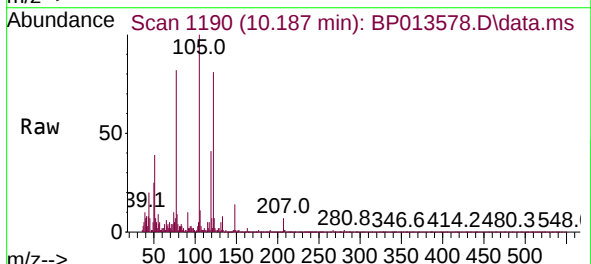
Manual Integrations  
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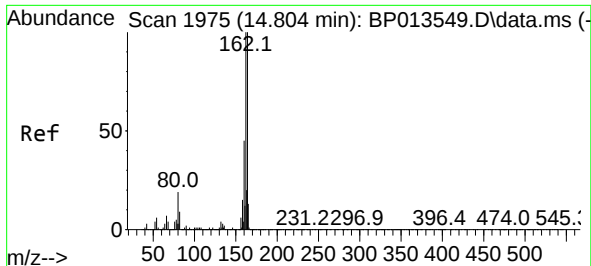
Reviewed By :Christian Giraldo 01/25/2023  
Supervised By :Jagrut Upadhyay 01/25/2023



#32  
Benzoic acid  
Concen: 9.131 ng m  
RT: 10.187 min Scan# 1190  
Delta R.T. -0.082 min  
Lab File: BP013578.D  
Acq: 24 Jan 2023 19:19

Tgt Ion:122 Resp: 49683  
Ion Ratio Lower Upper  
122 100  
105 122.9 100.5 140.5  
77 100.5 70.9 110.9





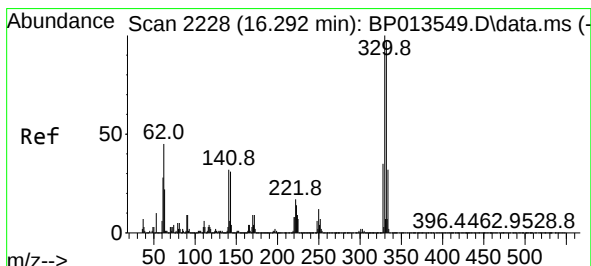
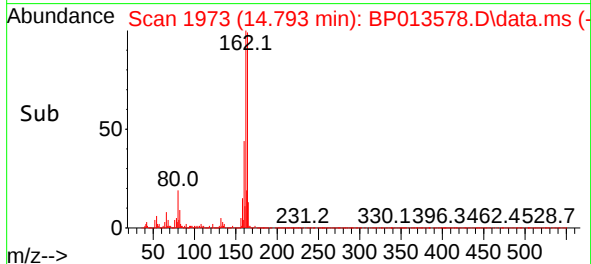
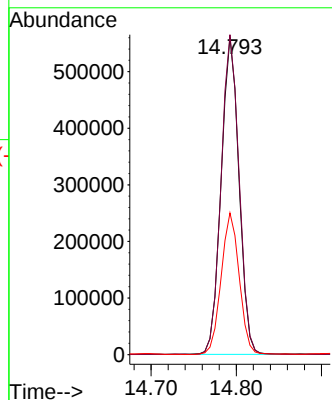
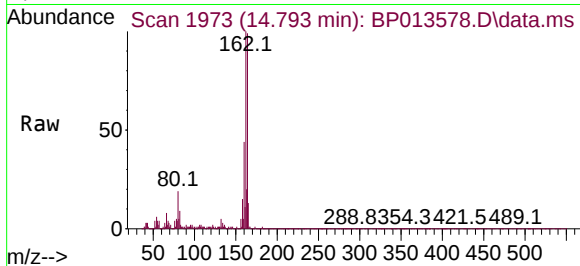
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.793 min Scan# 1975  
Delta R.T. -0.006 min  
Lab File: BP013578.D  
Acq: 24 Jan 2023 19:19

Instrument :  
BNA\_P  
ClientSampleId :  
PE-3

Tgt Ion:164 Resp: 813759  
Ion Ratio Lower Upper  
164 100  
162 100.8 80.1 120.1  
160 44.6 35.9 53.9

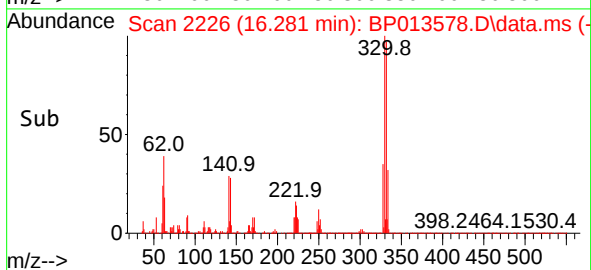
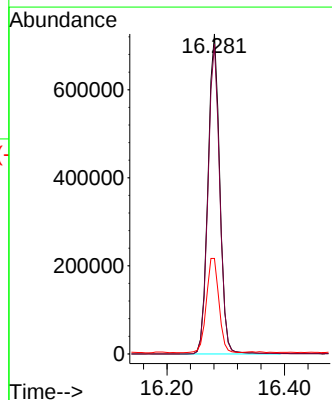
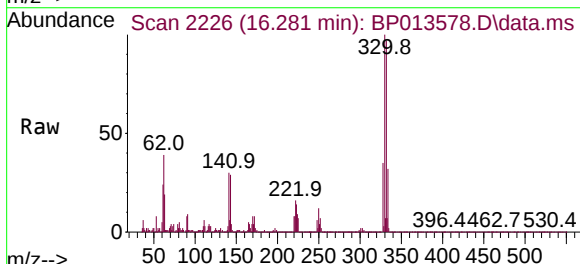
Manual Integrations  
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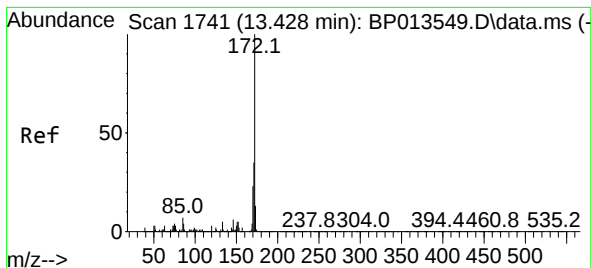
Reviewed By :Christian Giraldo 01/25/2023  
Supervised By :Jagrut Upadhyay 01/25/2023



#42  
2,4,6-Tribromophenol  
Concen: 123.859 ng  
RT: 16.281 min Scan# 2226  
Delta R.T. -0.006 min  
Lab File: BP013578.D  
Acq: 24 Jan 2023 19:19

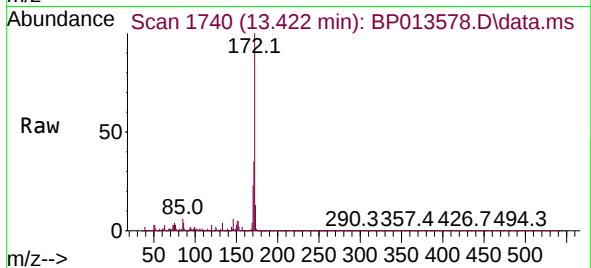
Tgt Ion:330 Resp: 1010985  
Ion Ratio Lower Upper  
330 100  
332 96.5 77.4 116.2  
141 31.4 27.6 41.4





#45  
2-Fluorobiphenyl  
Concen: 60.698 ng  
RT: 13.422 min Scan# 1740  
Delta R.T. -0.006 min  
Lab File: BP013578.D  
Acq: 24 Jan 2023 19:19

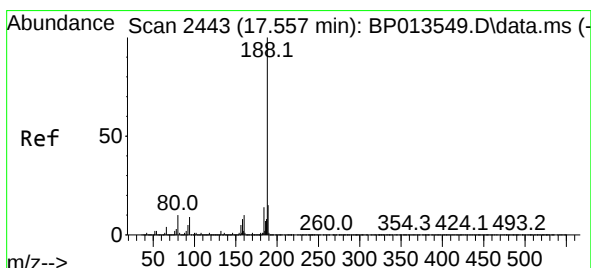
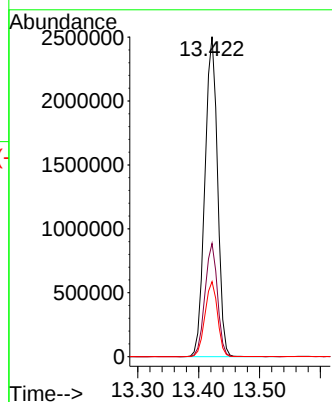
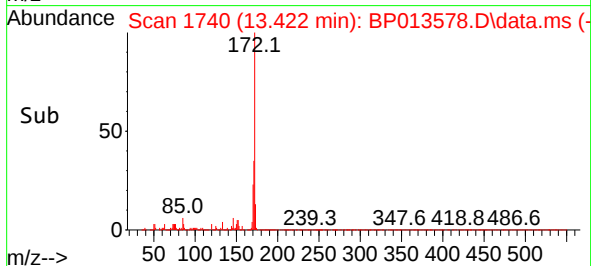
Instrument :  
BNA\_P  
ClientSampleId :  
PE-3



Tgt Ion:172 Resp: 3598380  
Ion Ratio Lower Upper  
172 100  
171 35.4 27.8 41.8  
170 23.4 18.6 27.8

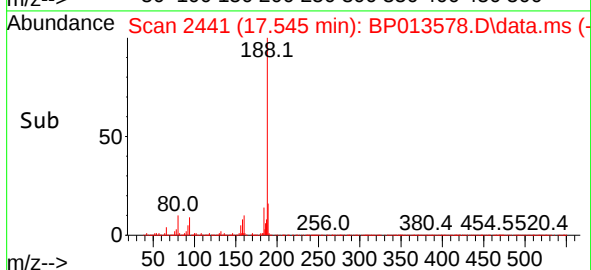
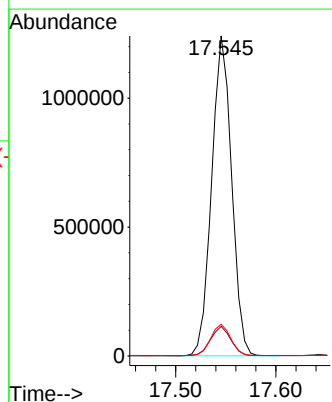
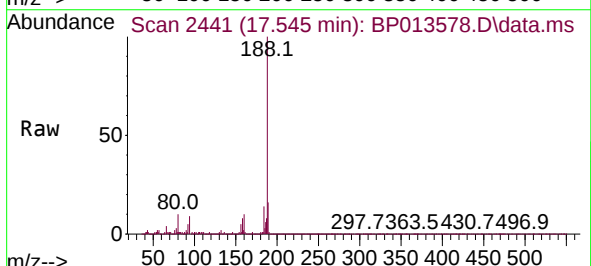
Manual Integrations  
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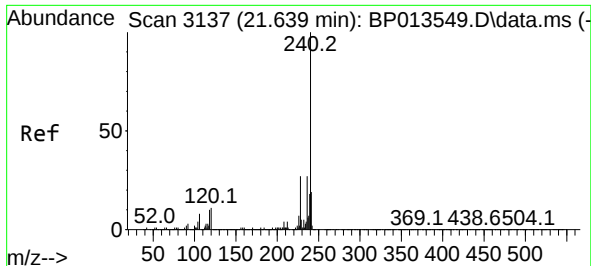
Reviewed By :Christian Giraldo 01/25/2023  
Supervised By :Jagrut Upadhyay 01/25/2023



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.545 min Scan# 2441  
Delta R.T. -0.006 min  
Lab File: BP013578.D  
Acq: 24 Jan 2023 19:19

Tgt Ion:188 Resp: 1716676  
Ion Ratio Lower Upper  
188 100  
94 9.2 7.2 10.8  
80 9.9 8.2 12.2





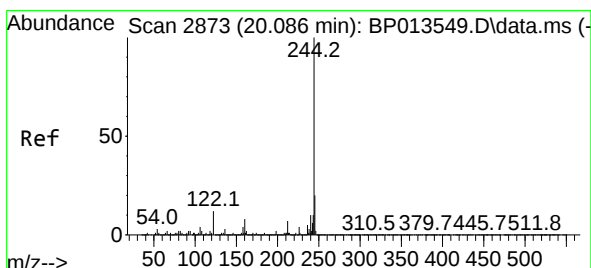
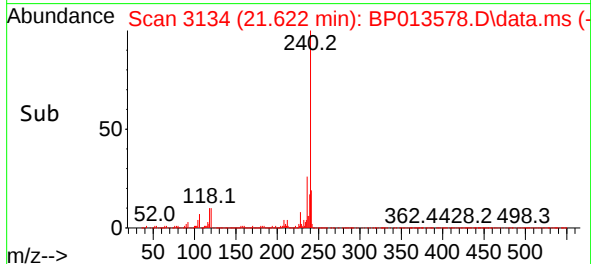
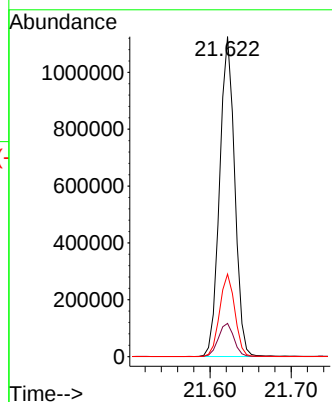
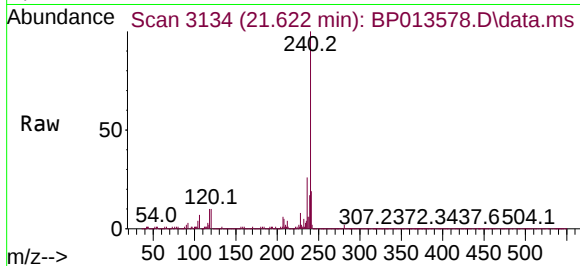
#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.622 min Scan# 3137  
Delta R.T. -0.006 min  
Lab File: BP013578.D  
Acq: 24 Jan 2023 19:19

Instrument :  
BNA\_P  
ClientSampleId :  
PE-3

Tgt Ion:240 Resp: 1450324  
Ion Ratio Lower Upper  
240 100  
120 10.4 8.6 13.0  
236 25.8 21.3 31.9

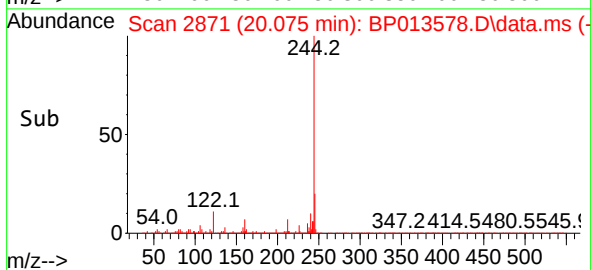
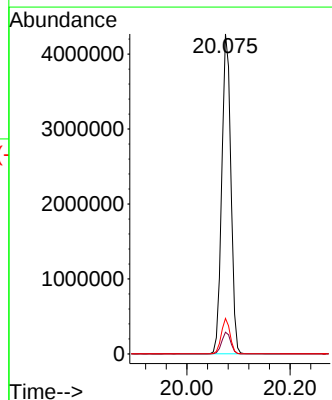
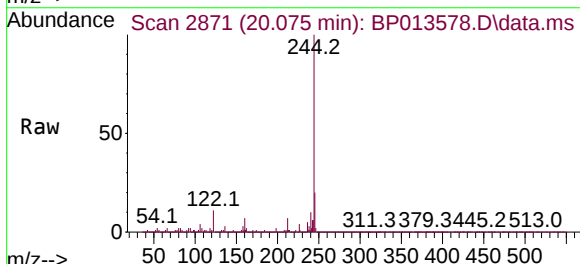
Manual Integrations  
APPROVED

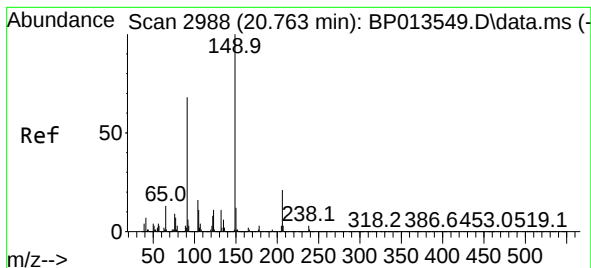
Reviewed By :Christian Giraldo 01/25/2023  
Supervised By :Jagrut Upadhyay 01/25/2023



#79  
Terphenyl-d14  
Concen: 64.740 ng  
RT: 20.075 min Scan# 2871  
Delta R.T. -0.006 min  
Lab File: BP013578.D  
Acq: 24 Jan 2023 19:19

Tgt Ion:244 Resp: 5219254  
Ion Ratio Lower Upper  
244 100  
212 6.8 5.4 8.2  
122 11.1 9.2 13.8





#80

Butylbenzylphthalate

Concen: 7.430 ng

RT: 20.745 min Scan# 29

Delta R.T. -0.006 min

Lab File: BP013578.D

Acq: 24 Jan 2023 19:19

Instrument :

BNA\_P

ClientSampleId :

PE-3

Tgt Ion:149 Resp: 262354

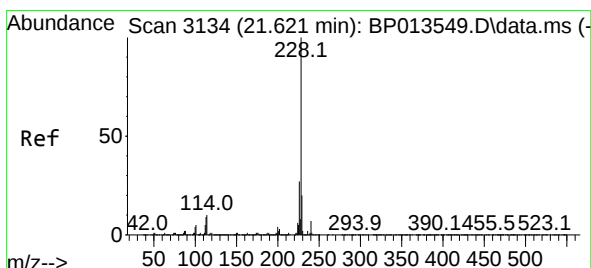
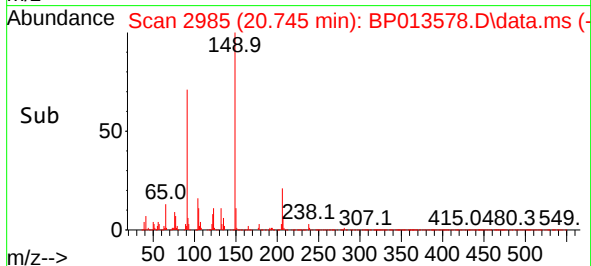
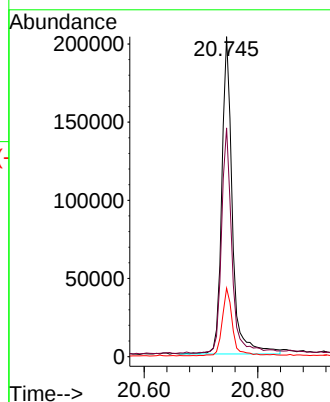
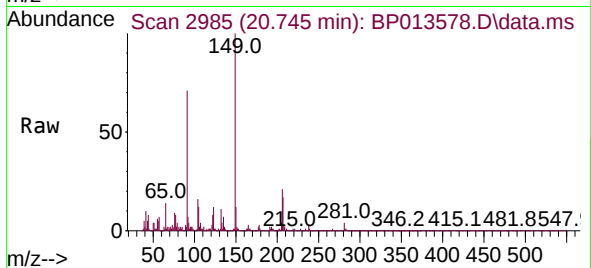
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 91  | 71.5  | 54.6  | 81.8  |
| 206 | 21.4  | 16.7  | 25.1  |

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/25/2023

Supervised By :Jagrut Upadhyay 01/25/2023



#81

Benzo(a)anthracene

Concen: 4.784 ng

RT: 21.604 min Scan# 3131

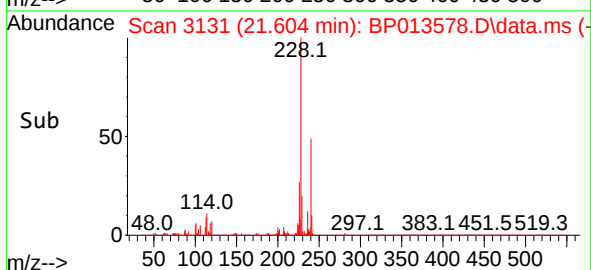
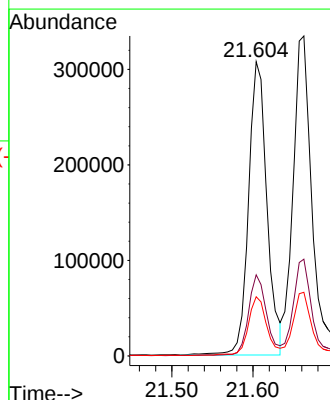
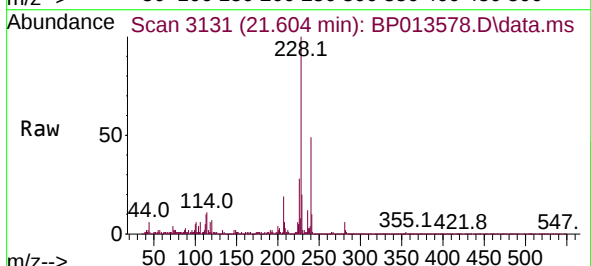
Delta R.T. -0.006 min

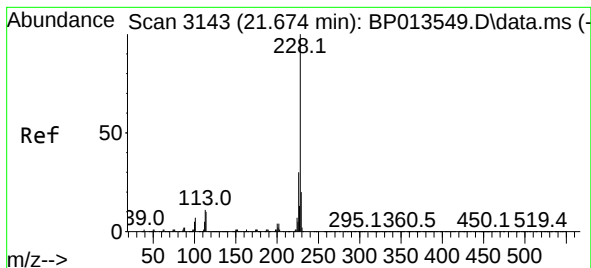
Lab File: BP013578.D

Acq: 24 Jan 2023 19:19

Tgt Ion:228 Resp: 483373

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 27.5  | 21.8  | 32.8  |
| 229 | 20.1  | 15.8  | 23.6  |





#83

Chrysene

Concen: 5.933 ng

RT: 21.663 min Scan# 3141

Delta R.T. -0.006 min

Lab File: BP013578.D

Acq: 24 Jan 2023 19:19

Instrument :

BNA\_P

ClientSampleId :

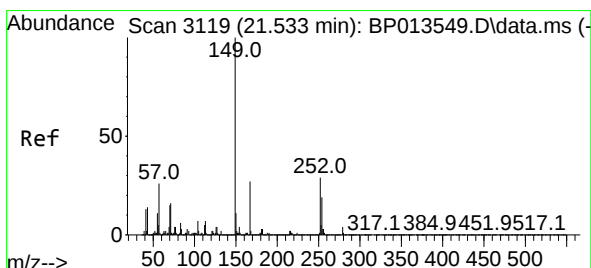
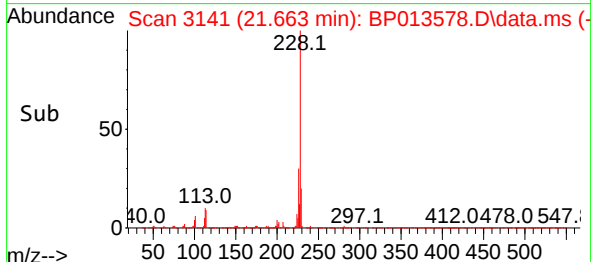
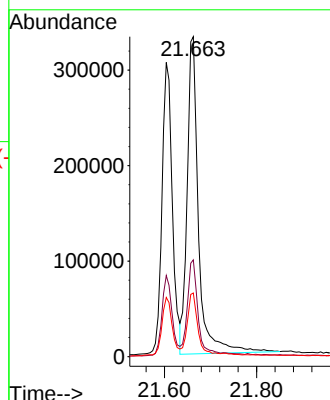
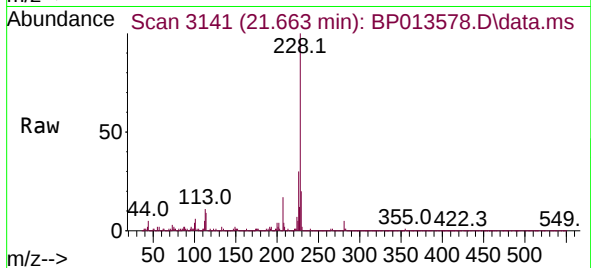
PE-3

|             |              |
|-------------|--------------|
| Tgt Ion:228 | Resp: 573363 |
| Ion Ratio   | Lower Upper  |
| 228 100     |              |
| 226 30.2    | 24.1 36.1    |
| 229 19.9    | 16.2 24.2    |

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/25/2023  
Supervised By :Jagrut Upadhyay 01/25/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 7.381 ng

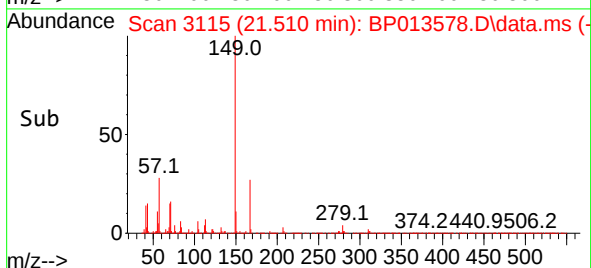
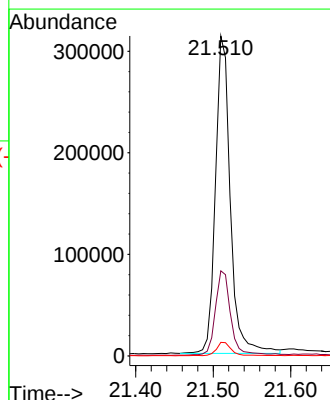
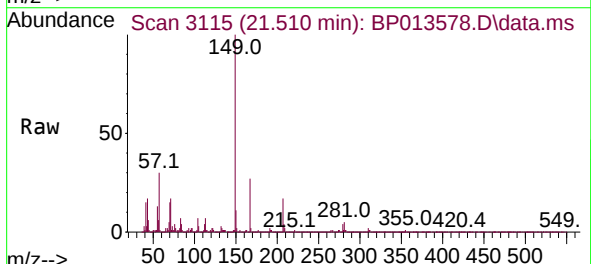
RT: 21.510 min Scan# 3115

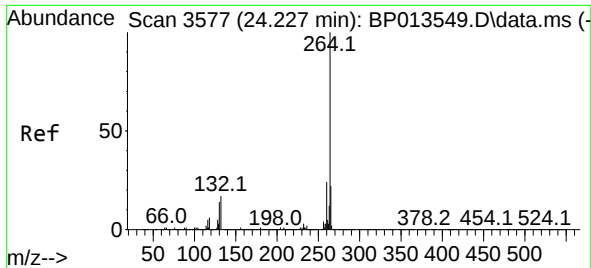
Delta R.T. -0.006 min

Lab File: BP013578.D

Acq: 24 Jan 2023 19:19

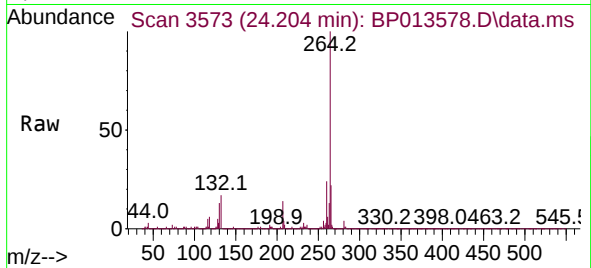
|             |              |
|-------------|--------------|
| Tgt Ion:149 | Resp: 417095 |
| Ion Ratio   | Lower Upper  |
| 149 100     |              |
| 167 26.6    | 22.0 33.0    |
| 279 4.2     | 3.5 5.3      |





#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.204 min Scan# 3573  
Delta R.T. -0.012 min  
Lab File: BP013578.D  
Acq: 24 Jan 2023 19:19

Instrument :  
BNA\_P  
ClientSampleId :  
PE-3



Tgt Ion:264 Resp: 1239302  
Ion Ratio Lower Upper  
264 100  
260 23.8 18.8 28.2  
265 22.1 17.4 26.2

Manual Integrations  
APPROVED

Reviewed By :Christian Giraldo 01/25/2023  
Supervised By :Jagrut Upadhyay 01/25/2023

