

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP031122\  
 Data File : BP009372.D  
 Acq On : 11 Mar 2022 19:13  
 Operator : CG/JU  
 Sample : N1886-06  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 2822-B

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 03/14/2022  
 Supervised By : Jagrut Upadhyay 03/14/2022

Quant Time: Mar 12 04:51:46 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP030522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Mar 05 01:55:59 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.816  | 152  | 309995   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.616 | 136  | 1129951  | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.463 | 164  | 757249   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.228 | 188  | 1498495  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.351 | 240  | 1584964  | 20.000  | ng    | 0.02     |
| 86) Perylene-d12              | 23.780 | 264  | 1811348  | 20.000  | ng    | 0.05     |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.434  | 112  | 1048391  | 49.366  | ng    | 0.02     |
| 7) Phenol-d6                  | 7.016  | 99   | 888544   | 32.924  | ng    | 0.03     |
| 23) Nitrobenzene-d5           | 8.975  | 82   | 1846347  | 89.999  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.969 | 330  | 1524508  | 166.726 | ng    | 0.01     |
| 45) 2-Fluorobiphenyl          | 13.087 | 172  | 4458529  | 80.969  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.810 | 244  | 6604160  | 78.632  | ng    | 0.01     |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 6) Aniline                    | 7.158  | 93   | 137760   | 4.030   | ng    | 97       |
| 10) Phenol                    | 7.046  | 94   | 327201   | 11.708  | ng    | 96       |
| 15) Benzyl Alcohol            | 8.081  | 79   | 94026m   | 4.940   | ng    |          |
| 20) 3+4-Methylphenols         | 8.634  | 107  | 1930173  | 79.615  | ng    | 91       |
| 27) 2,4-Dimethylphenol        | 9.840  | 122  | 442037   | 23.862  | ng    | 97       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.110 | 232  | 66106    | 4.671   | ng    | # 94     |
| 60) Diethylphthalate          | 15.298 | 149  | 255990   | 4.708   | ng    | # 93     |
| 70) Pentachlorophenol         | 16.892 | 266  | 186036   | 16.300  | ng    | 98       |
| 74) Di-n-butylphthalate       | 18.198 | 149  | 1643345  | 19.009  | ng    | 97       |
| 84) Bis(2-ethylhexyl)phtha... | 21.269 | 149  | 3816137  | 61.774  | ng    | # 93     |
| -----                         |        |      |          |         |       |          |

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

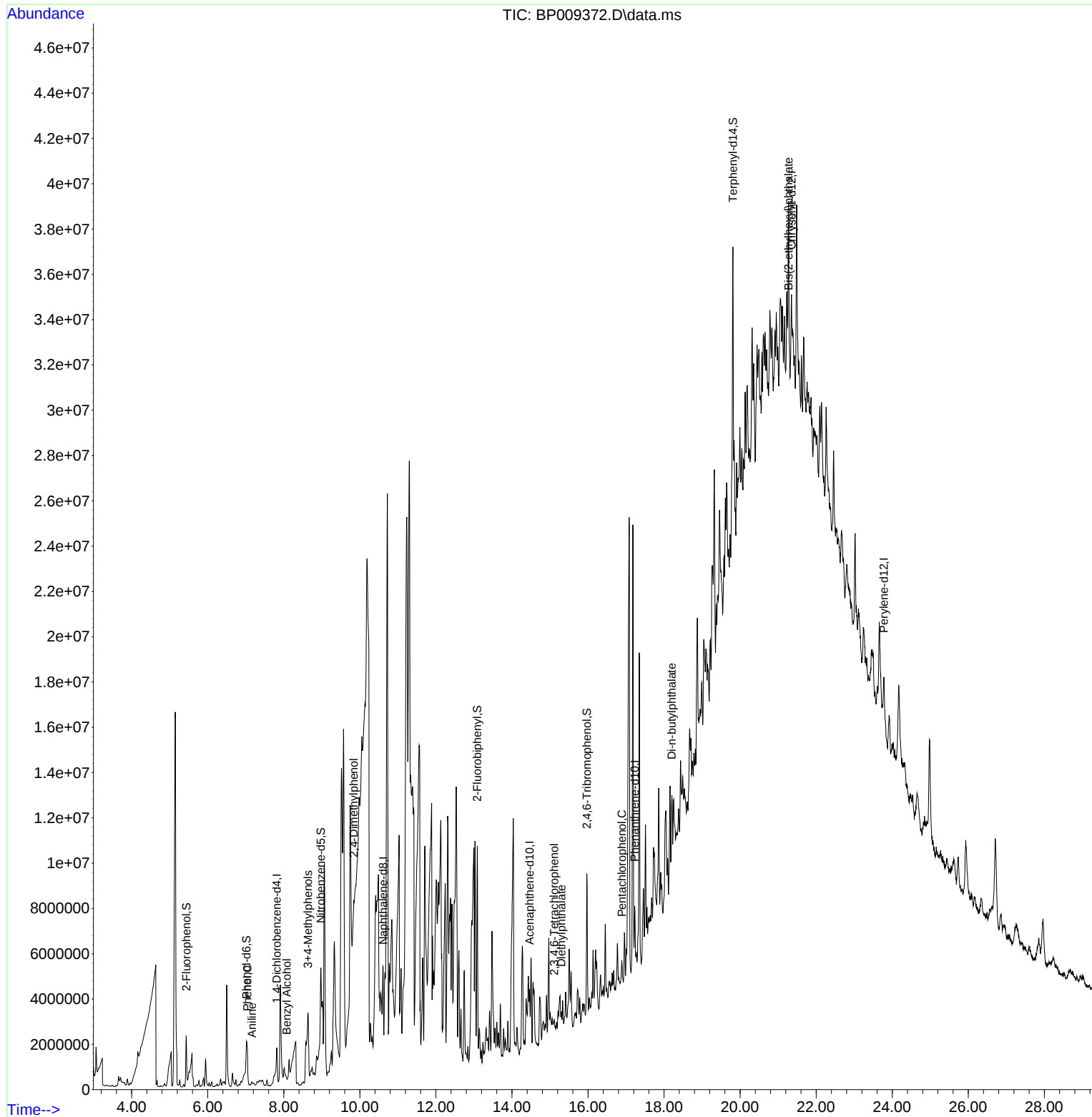
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP031122\  
Data File : BP009372.D  
Acq On : 11 Mar 2022 19:13  
Operator : CG/JU  
Sample : N1886-06  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

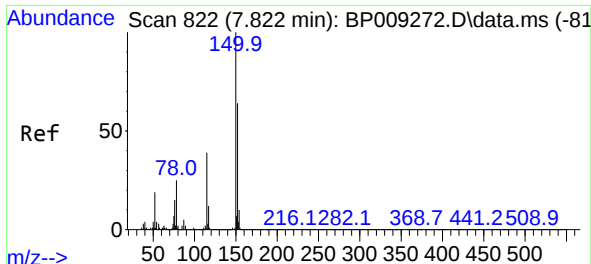
Instrument :  
BNA\_P  
ClientSampleId :  
2822-B

Quant Time: Mar 12 04:51:46 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP030522.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Mar 05 01:55:59 2022  
Response via : Initial Calibration

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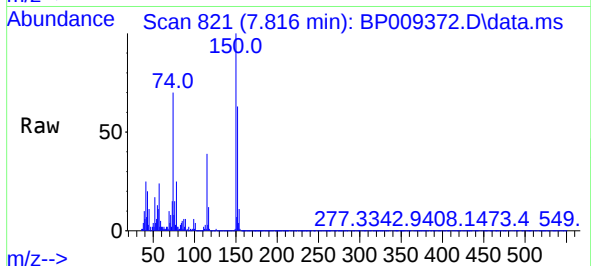
Reviewed By :Christian Giraldo 03/14/2022  
Supervised By :Jagrut Upadhyay 03/14/2022





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.816 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BP009372.D  
Acq: 11 Mar 2022 19:13

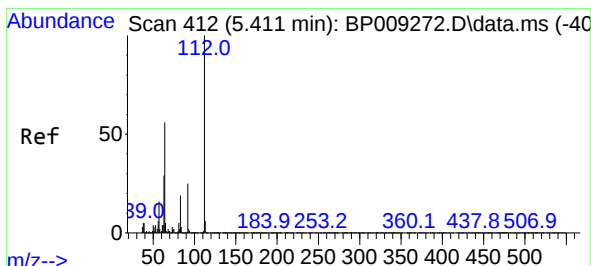
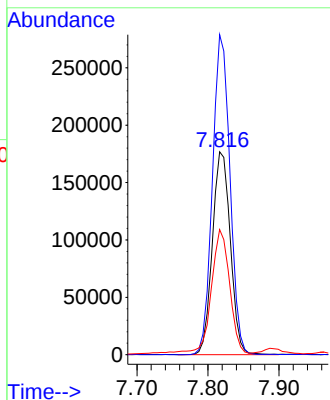
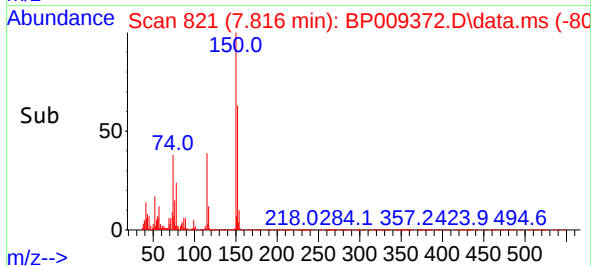
Instrument :  
BNA\_P  
ClientSampleId :  
2822-B



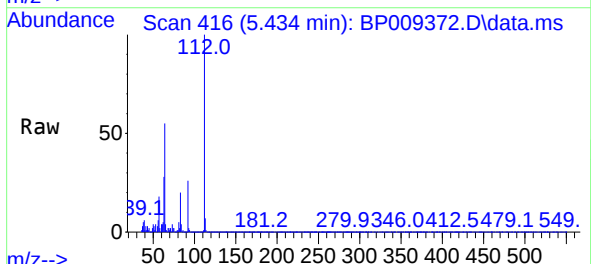
Tgt Ion:152 Resp: 309999  
Ion Ratio Lower Upper  
152 100  
150 157.7 124.5 186.7  
115 61.7 48.2 72.4

Manual Integrations  
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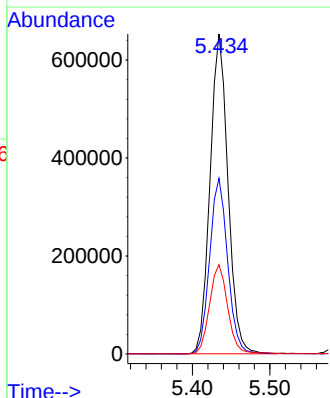
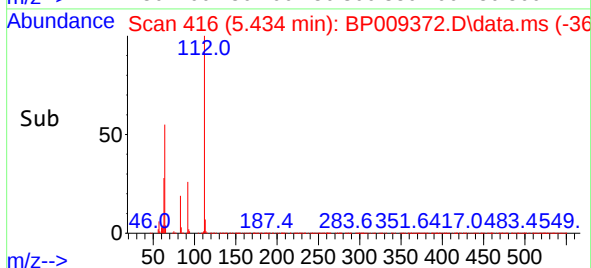
Reviewed By :Christian Giraldo 03/14/2022  
Supervised By :Jagrut Upadhyay 03/14/2022

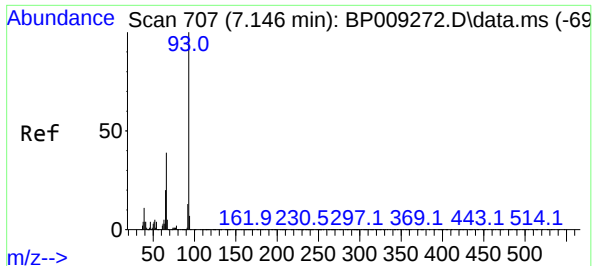


#5  
2-Fluorophenol  
Concen: 49.366 ng  
RT: 5.434 min Scan# 416  
Delta R.T. 0.023 min  
Lab File: BP009372.D  
Acq: 11 Mar 2022 19:13



Tgt Ion:112 Resp: 1048391  
Ion Ratio Lower Upper  
112 100  
64 54.9 45.0 67.4  
63 27.9 23.0 34.6





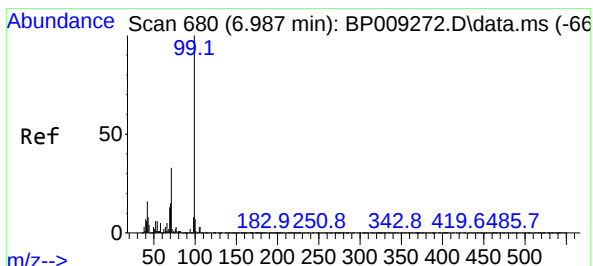
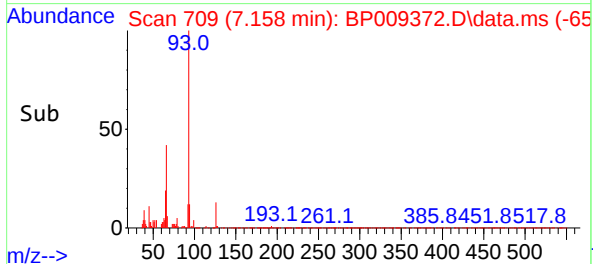
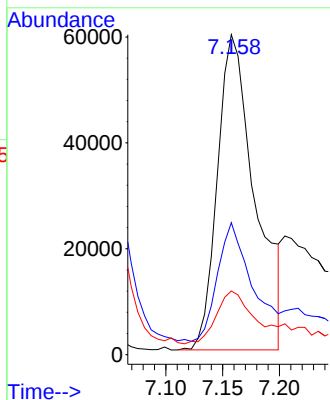
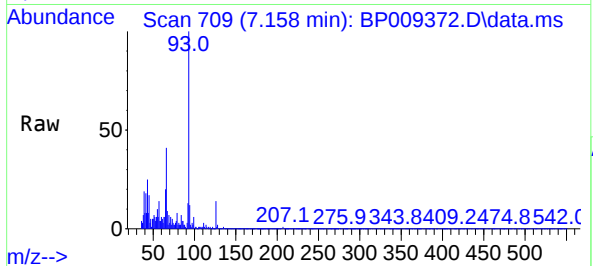
#6  
Aniline  
Concen: 4.030 ng  
RT: 7.158 min Scan# 707  
Delta R.T. 0.012 min  
Lab File: BP009372.D  
Acq: 11 Mar 2022 19:13

Instrument :  
BNA\_P  
ClientSampleId :  
2822-B

Tgt Ion: 93 Resp: 137760  
Ion Ratio Lower Upper  
93 100  
66 41.3 30.9 46.3  
65 19.9 15.8 23.8

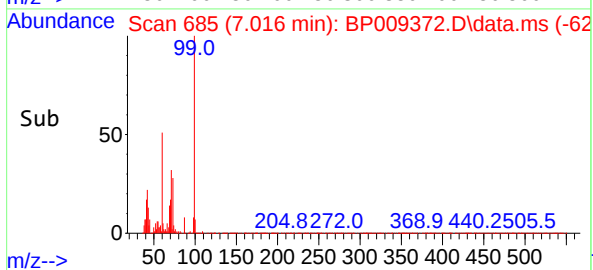
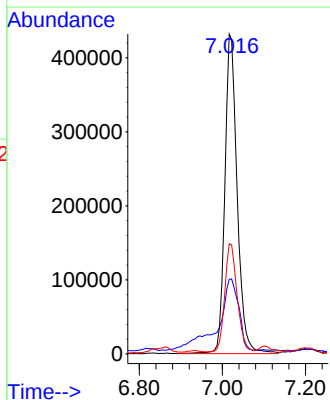
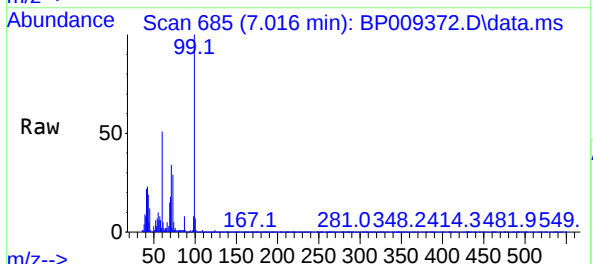
Manual Integrations  
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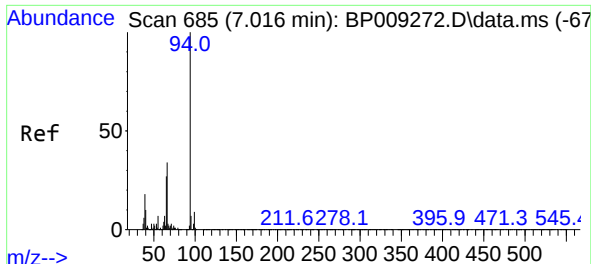
Reviewed By :Christian Giraldo 03/14/2022  
Supervised By :Jagrut Upadhyay 03/14/2022



#7  
Phenol-d6  
Concen: 32.924 ng  
RT: 7.016 min Scan# 685  
Delta R.T. 0.029 min  
Lab File: BP009372.D  
Acq: 11 Mar 2022 19:13

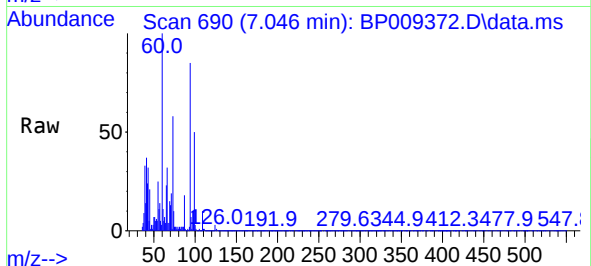
Tgt Ion: 99 Resp: 888544  
Ion Ratio Lower Upper  
99 100  
42 23.3 12.8 19.2#  
71 34.5 26.3 39.5





#10  
Phenol  
Concen: 11.708 ng  
RT: 7.046 min Scan# 61  
Delta R.T. 0.029 min  
Lab File: BP009372.D  
Acq: 11 Mar 2022 19:13

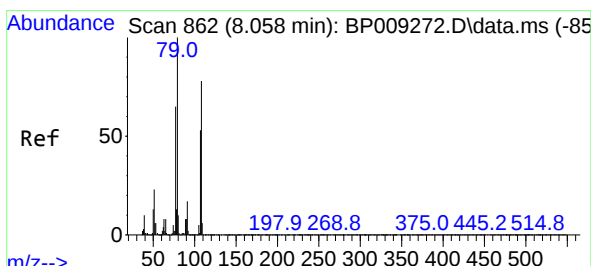
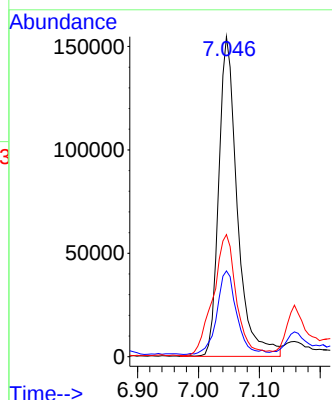
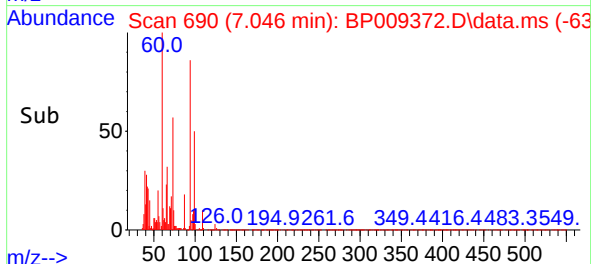
Instrument :  
BNA\_P  
ClientSampleId :  
2822-B



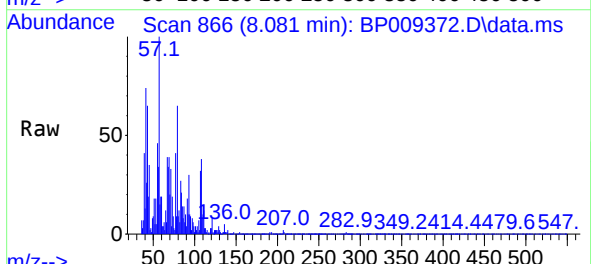
Tgt Ion: 94 Resp: 32720  
Ion Ratio Lower Upper  
94 100  
65 26.8 7.2 47.2  
66 38.1 14.3 54.3

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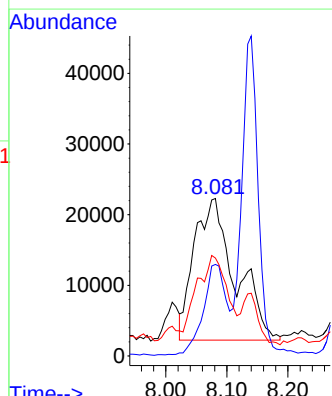
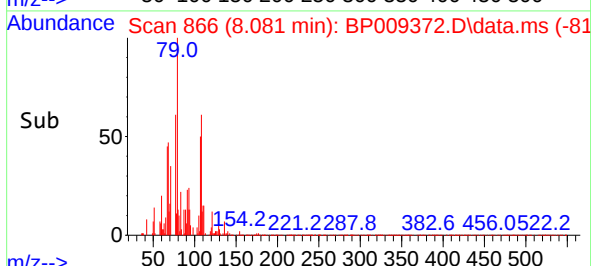
Reviewed By :Christian Giraldo 03/14/2022  
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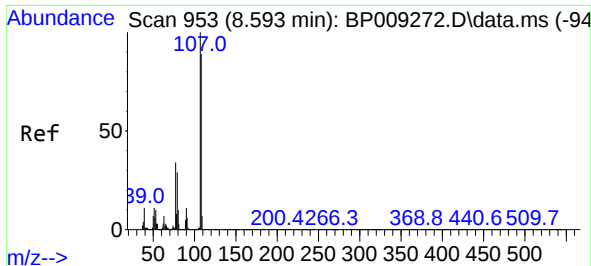


#15  
Benzyl Alcohol  
Concen: 4.940 ng m  
RT: 8.081 min Scan# 866  
Delta R.T. 0.024 min  
Lab File: BP009372.D  
Acq: 11 Mar 2022 19:13



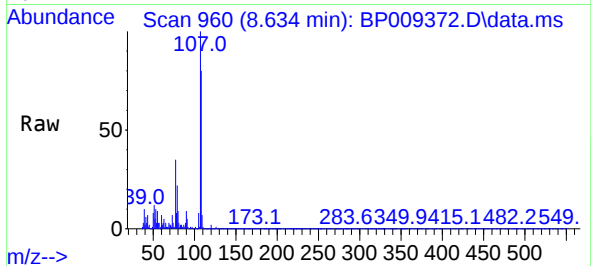
Tgt Ion: 79 Resp: 94026  
Ion Ratio Lower Upper  
79 100  
108 58.1 62.5 93.7#  
77 62.2 51.7 77.5





#20  
3+4-Methylphenols  
Concen: 79.615 ng  
RT: 8.634 min Scan# 90  
Delta R.T. 0.041 min  
Lab File: BP009372.D  
Acq: 11 Mar 2022 19:13

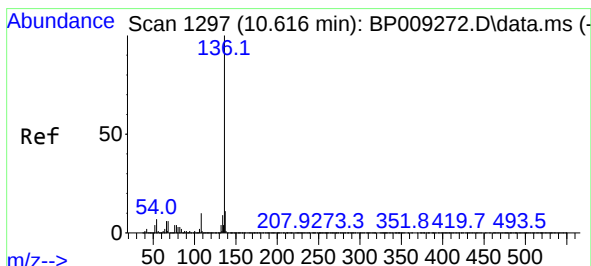
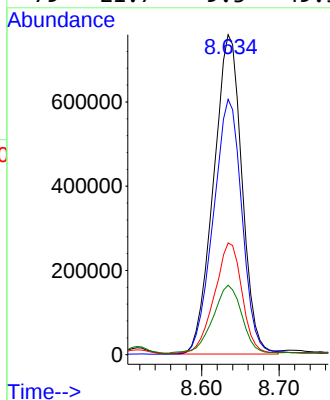
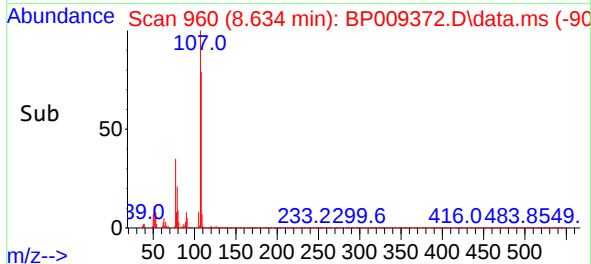
Instrument :  
BNA\_P  
ClientSampleId :  
2822-B



Tgt Ion:107 Resp: 193017  
Ion Ratio Lower Upper  
107 100  
108 79.8 69.4 109.4  
77 34.9 13.6 53.6  
79 21.7 9.3 49.3

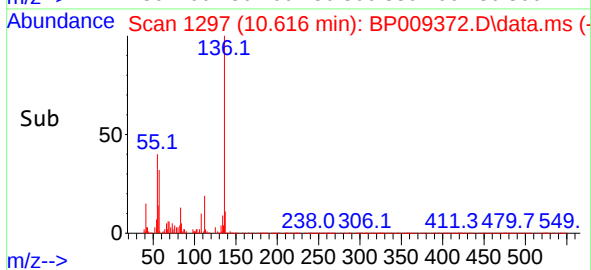
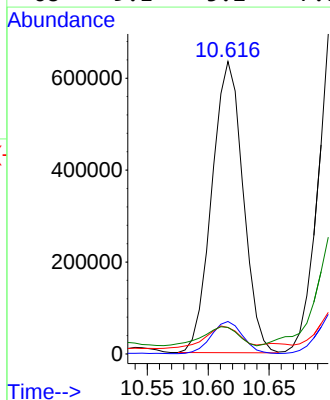
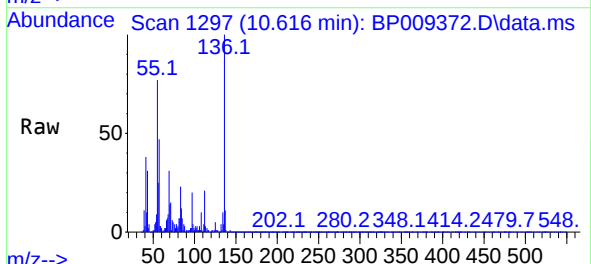
Manual Integrations  
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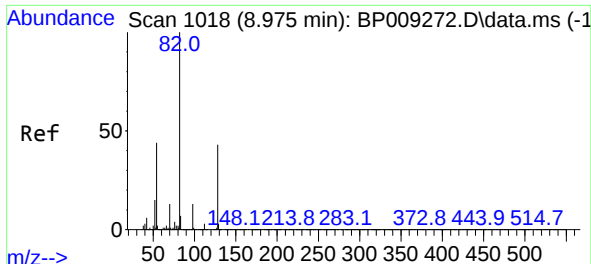
Reviewed By :Christian Giraldo 03/14/2022  
Supervised By :Jagrut Upadhyay 03/14/2022



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.616 min Scan# 1297  
Delta R.T. 0.000 min  
Lab File: BP009372.D  
Acq: 11 Mar 2022 19:13

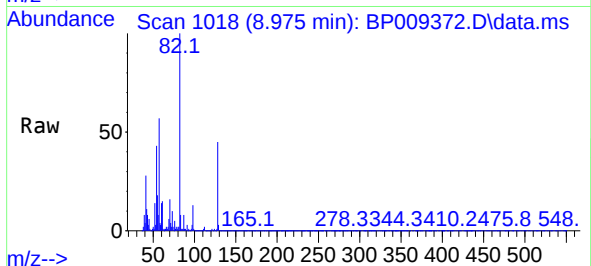
Tgt Ion:136 Resp: 1129951  
Ion Ratio Lower Upper  
136 100  
137 11.1 8.6 12.8  
54 9.0 5.8 8.8#  
68 9.1 5.2 7.8#





#23  
Nitrobenzene-d5  
Concen: 89.999 ng  
RT: 8.975 min Scan# 1018  
Delta R.T. 0.000 min  
Lab File: BP009372.D  
Acq: 11 Mar 2022 19:13

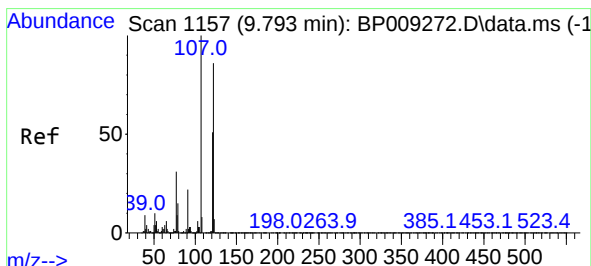
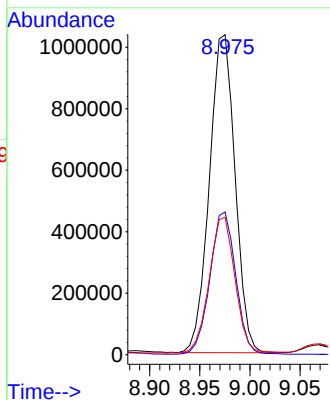
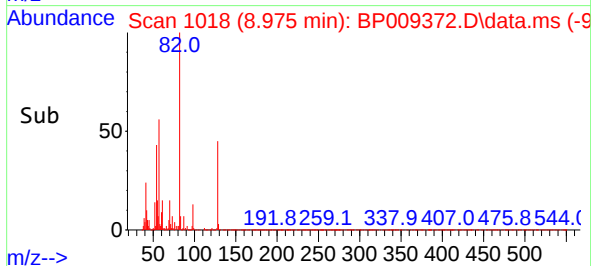
Instrument :  
BNA\_P  
ClientSampleId :  
2822-B



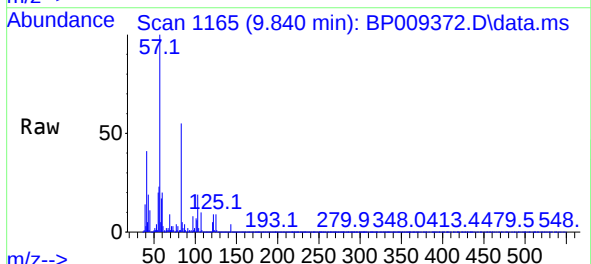
Tgt Ion: 82 Resp: 184634  
Ion Ratio Lower Upper  
82 100  
128 44.6 34.2 51.4  
54 42.9 34.7 52.1

Manual Integrations  
APPROVED

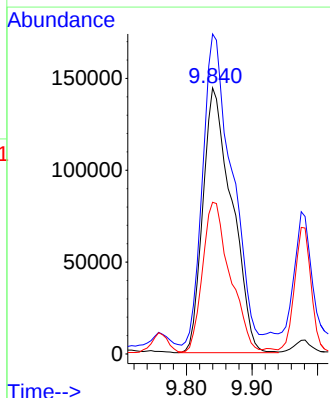
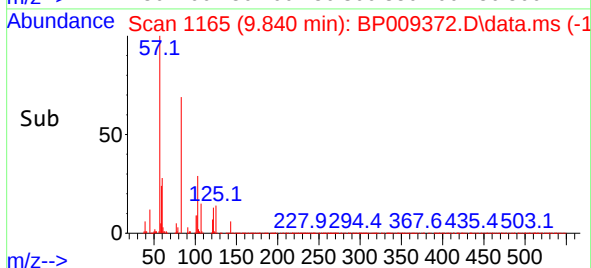
Reviewed By :Christian Giraldo 03/14/2022  
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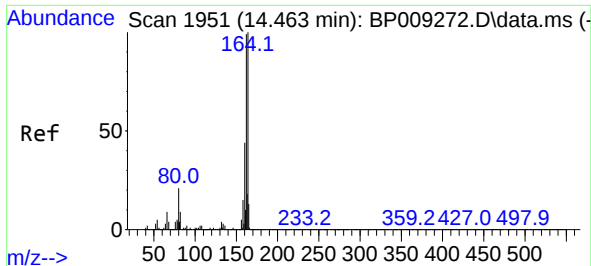


#27  
2,4-Dimethylphenol  
Concen: 23.862 ng  
RT: 9.840 min Scan# 1165  
Delta R.T. 0.047 min  
Lab File: BP009372.D  
Acq: 11 Mar 2022 19:13



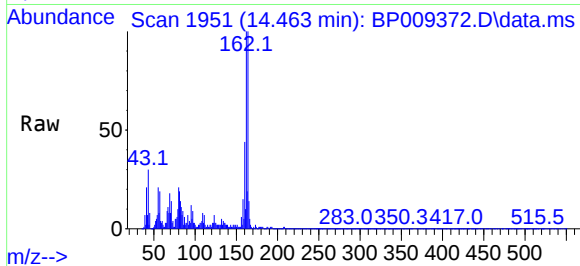
Tgt Ion:122 Resp: 442037  
Ion Ratio Lower Upper  
122 100  
107 120.3 92.6 138.8  
121 57.0 46.7 70.1





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.463 min Scan# 1951  
Delta R.T. 0.000 min  
Lab File: BP009372.D  
Acq: 11 Mar 2022 19:13

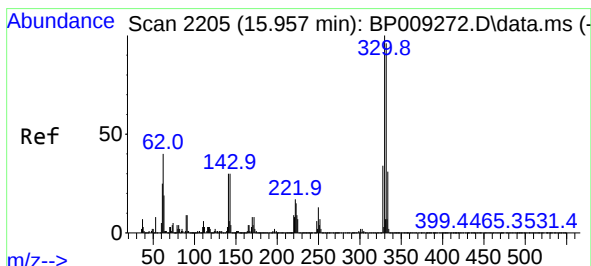
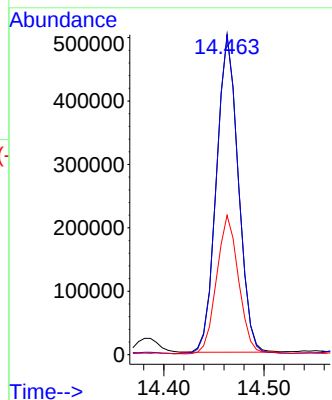
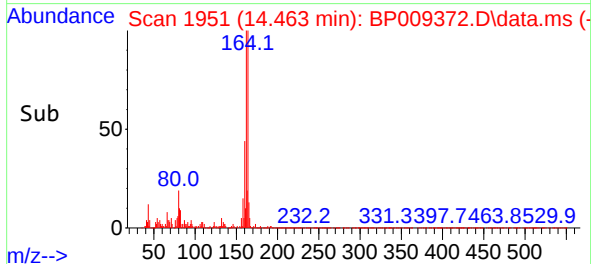
Instrument :  
BNA\_P  
ClientSampleId :  
2822-B



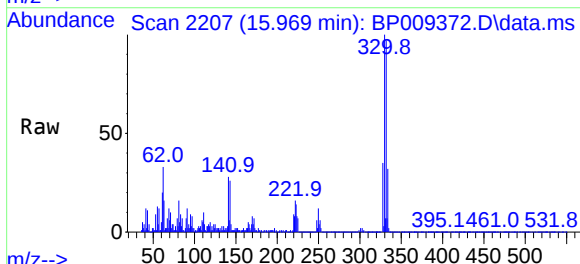
Tgt Ion:164 Resp: 757249  
Ion Ratio Lower Upper  
164 100  
162 99.7 79.1 118.7  
160 43.6 34.9 52.3

Manual Integrations  
APPROVED

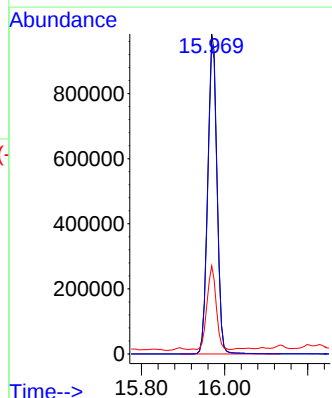
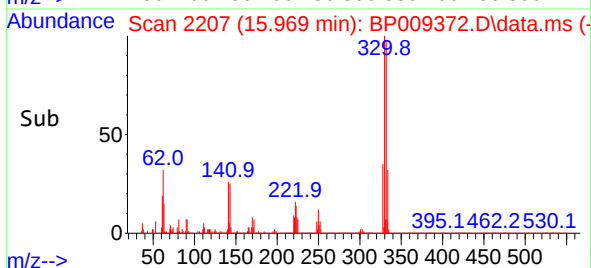
Reviewed By :Christian Giraldo 03/14/2022  
Supervised By :Jagrut Upadhyay 03/14/2022

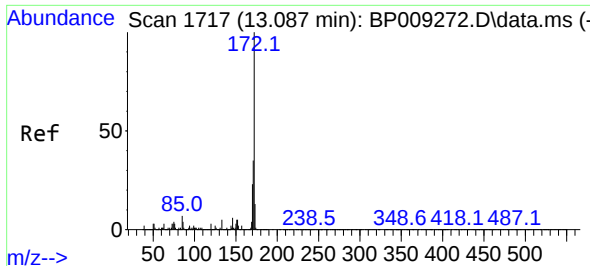


#42  
2,4,6-Tribromophenol  
Concen: 166.726 ng  
RT: 15.969 min Scan# 2207  
Delta R.T. 0.012 min  
Lab File: BP009372.D  
Acq: 11 Mar 2022 19:13



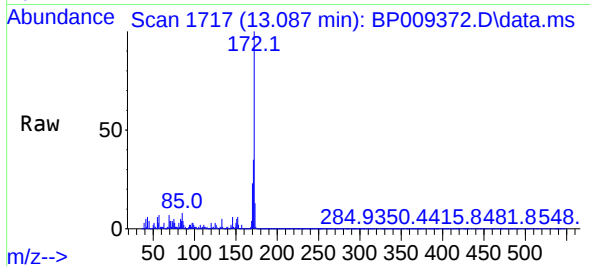
Tgt Ion:330 Resp: 1524508  
Ion Ratio Lower Upper  
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332 97.0 77.0 115.6  
141 25.8 27.6 41.4#





#45  
2-Fluorobiphenyl  
Concen: 80.969 ng  
RT: 13.087 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BP009372.D  
Acq: 11 Mar 2022 19:13

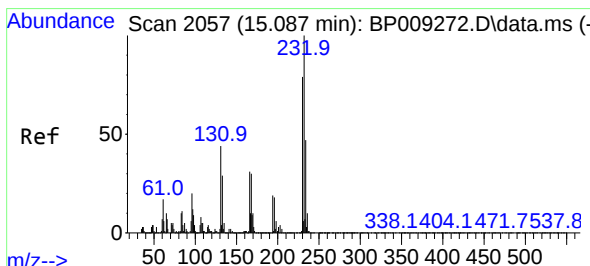
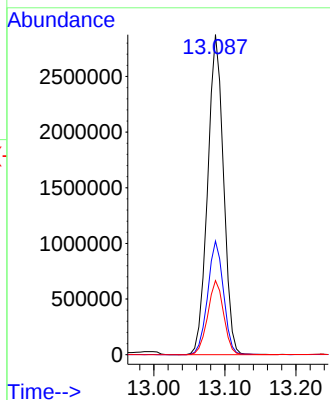
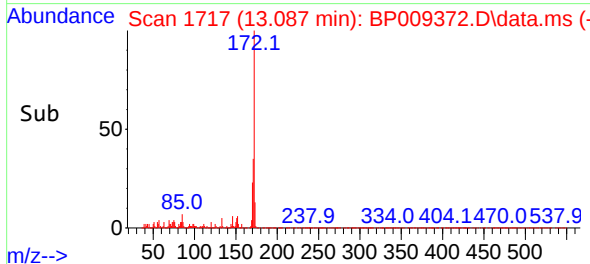
Instrument :  
BNA\_P  
ClientSampleId :  
2822-B



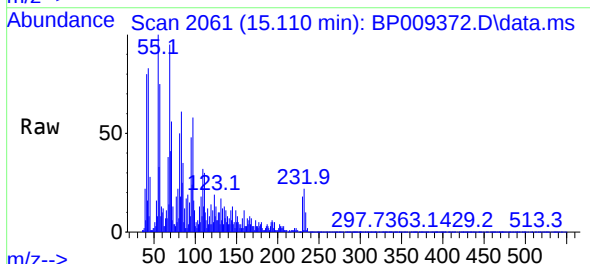
Tgt Ion:172 Resp: 4458529  
Ion Ratio Lower Upper  
172 100  
171 35.5 28.0 42.0  
170 23.2 18.6 27.8

Manual Integrations  
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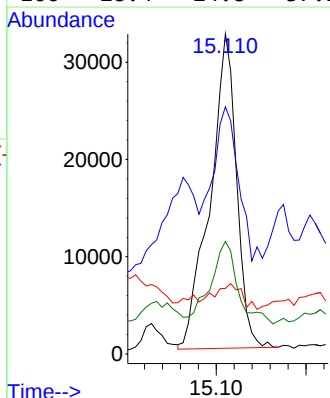
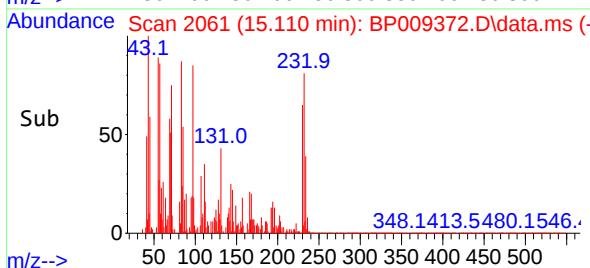
Reviewed By :Christian Giraldo 03/14/2022  
Supervised By :Jagrut Upadhyay 03/14/2022

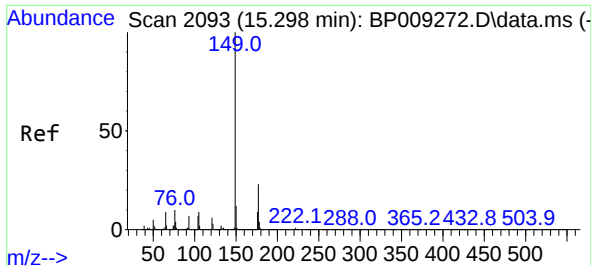


#59  
2,3,4,6-Tetrachlorophenol  
Concen: 4.671 ng  
RT: 15.110 min Scan# 2061  
Delta R.T. 0.024 min  
Lab File: BP009372.D  
Acq: 11 Mar 2022 19:13



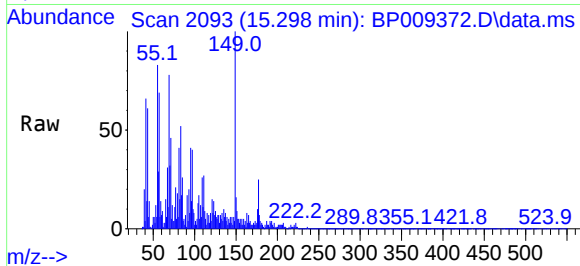
Tgt Ion:232 Resp: 66106  
Ion Ratio Lower Upper  
232 100  
131 48.6 35.5 53.3  
130 8.3 1.8 2.8#  
166 28.4 24.8 37.2





#60  
Diethylphthalate  
Concen: 4.708 ng  
RT: 15.298 min Scan# 2093  
Delta R.T. 0.000 min  
Lab File: BP009372.D  
Acq: 11 Mar 2022 19:13

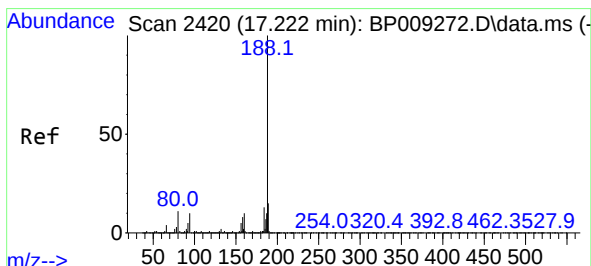
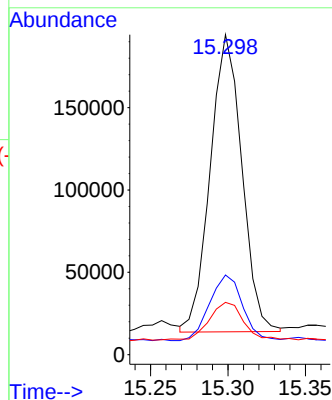
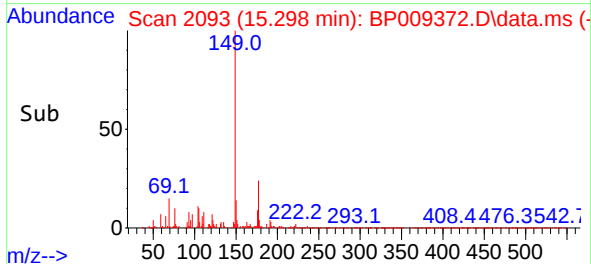
Instrument :  
BNA\_P  
ClientSampleId :  
2822-B



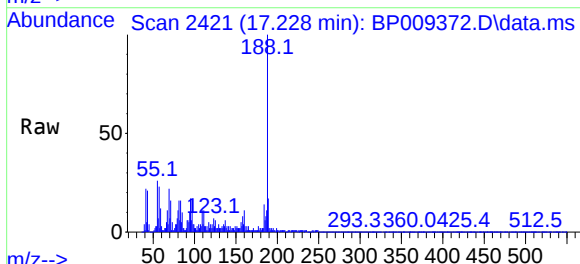
Tgt Ion:149 Resp: 255990  
Ion Ratio Lower Upper  
149 100  
177 24.9 18.2 27.2  
150 16.4 9.9 14.9

Manual Integrations  
APPROVED

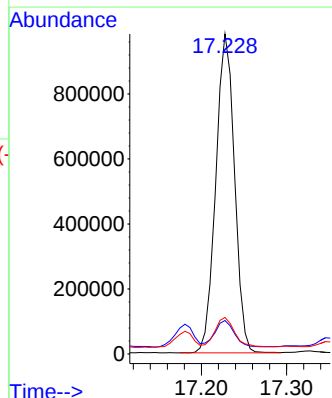
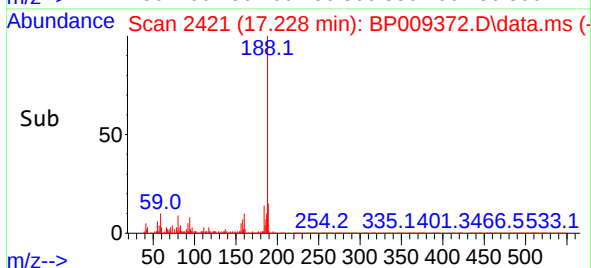
Reviewed By :Christian Giraldo 03/14/2022  
Supervised By :Jagrut Upadhyay 03/14/2022

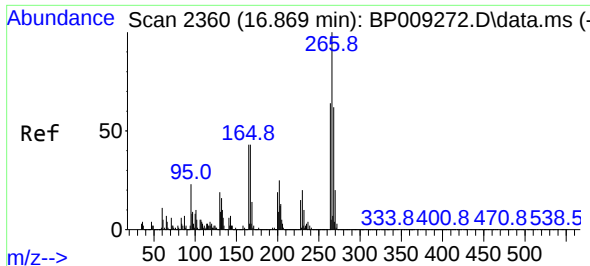


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.228 min Scan# 2421  
Delta R.T. 0.006 min  
Lab File: BP009372.D  
Acq: 11 Mar 2022 19:13



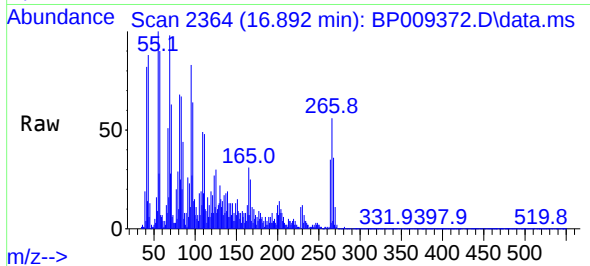
Tgt Ion:188 Resp: 1498495  
Ion Ratio Lower Upper  
188 100  
94 10.4 7.9 11.9  
80 11.4 8.8 13.2





#70  
Pentachlorophenol  
Concen: 16.300 ng  
RT: 16.892 min Scan# 21  
Delta R.T. 0.024 min  
Lab File: BP009372.D  
Acq: 11 Mar 2022 19:13

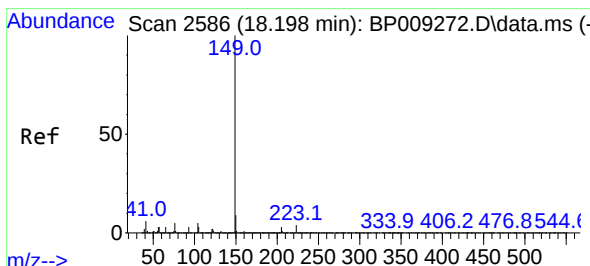
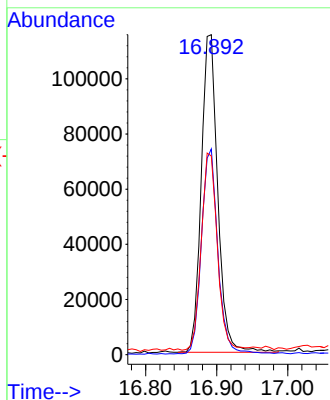
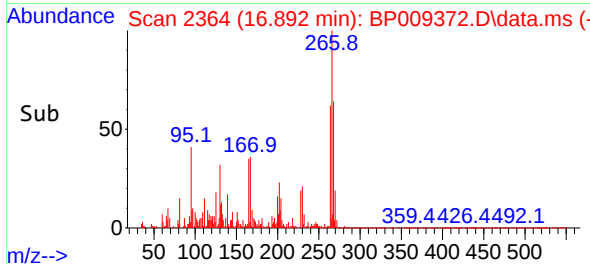
Instrument :  
BNA\_P  
ClientSampleId :  
2822-B



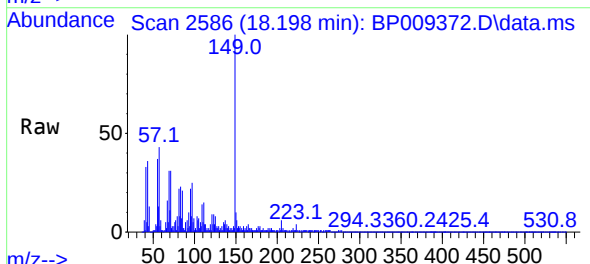
Tgt Ion:266 Resp: 186030  
Ion Ratio Lower Upper  
266 100  
268 64.3 49.8 74.8  
264 62.1 50.9 76.3

Manual Integrations  
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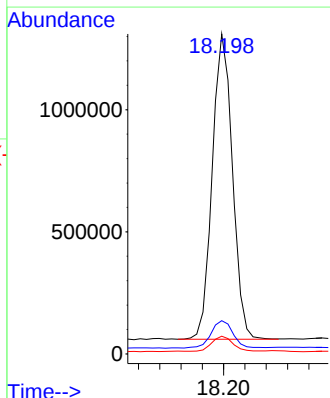
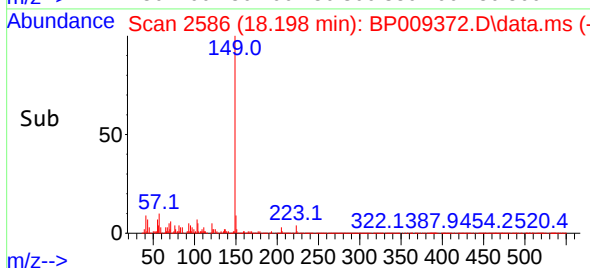
Reviewed By :Christian Giraldo 03/14/2022  
Supervised By :Jagrut Upadhyay 03/14/2022

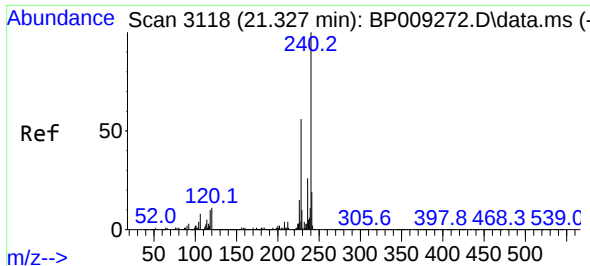


#74  
Di-n-butylphthalate  
Concen: 19.009 ng  
RT: 18.198 min Scan# 2586  
Delta R.T. 0.000 min  
Lab File: BP009372.D  
Acq: 11 Mar 2022 19:13



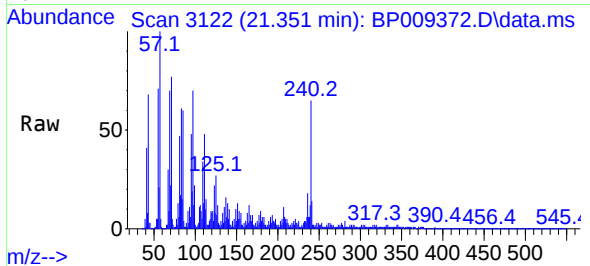
Tgt Ion:149 Resp: 1643345  
Ion Ratio Lower Upper  
149 100  
150 10.4 7.3 10.9  
104 5.6 4.2 6.2





#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.351 min Scan# 3118  
Delta R.T. 0.024 min  
Lab File: BP009372.D  
Acq: 11 Mar 2022 19:13

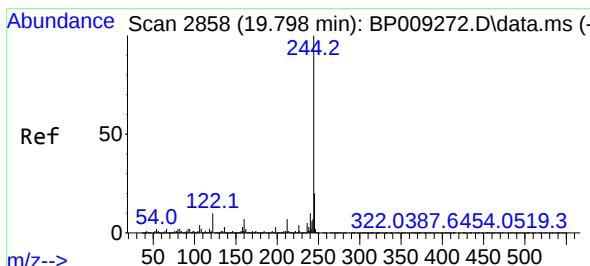
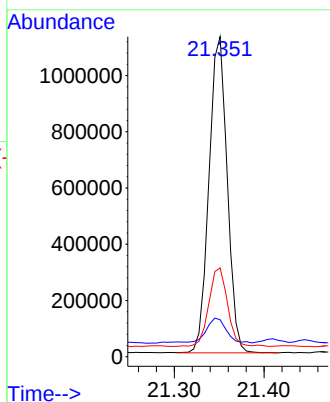
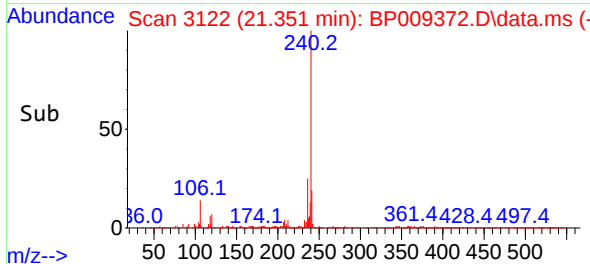
Instrument :  
BNA\_P  
ClientSampleId :  
2822-B



Tgt Ion:240 Resp: 1584964  
Ion Ratio Lower Upper  
240 100  
120 11.5 9.0 13.4  
236 27.8 20.6 30.8

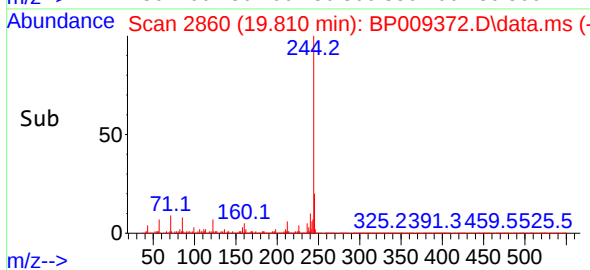
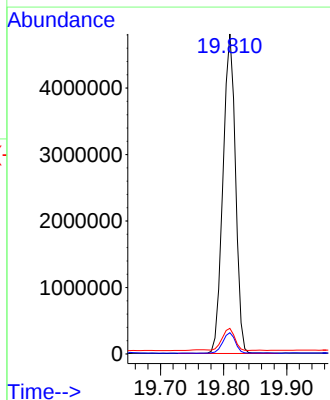
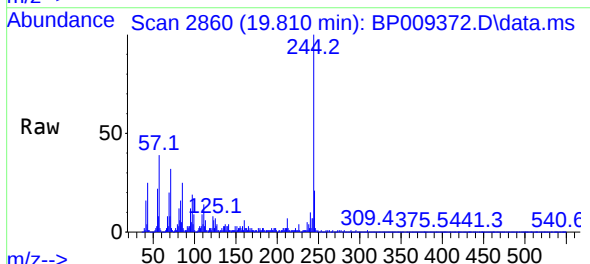
Manual Integrations  
APPROVED

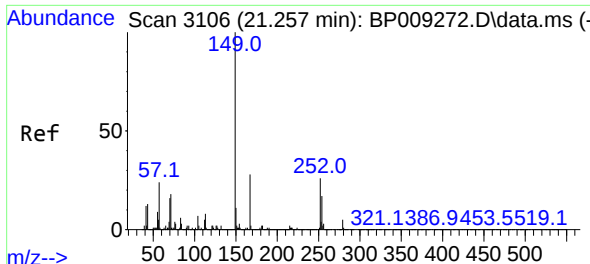
Reviewed By :Christian Giraldo 03/14/2022  
Supervised By :Jagrut Upadhyay 03/14/2022



#79  
Terphenyl-d14  
Concen: 78.632 ng  
RT: 19.810 min Scan# 2860  
Delta R.T. 0.012 min  
Lab File: BP009372.D  
Acq: 11 Mar 2022 19:13

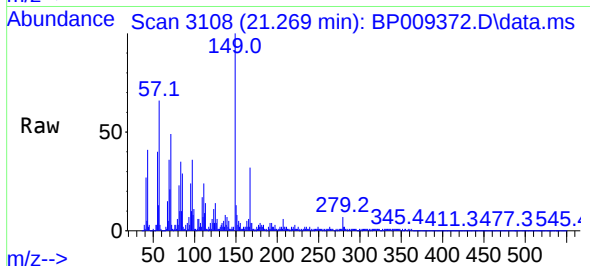
Tgt Ion:244 Resp: 6604160  
Ion Ratio Lower Upper  
244 100  
212 6.7 5.8 8.6  
122 8.0 8.3 12.5





#84  
Bis(2-ethylhexyl)phthalate  
Concen: 61.774 ng  
RT: 21.269 min Scan# 3106  
Delta R.T. 0.012 min  
Lab File: BP009372.D  
Acq: 11 Mar 2022 19:13

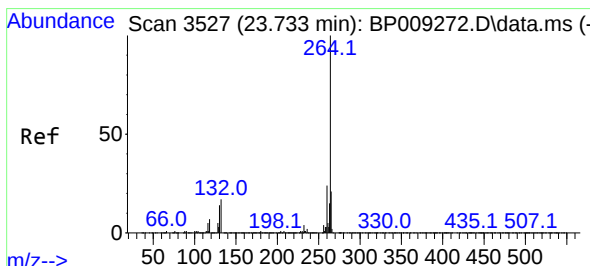
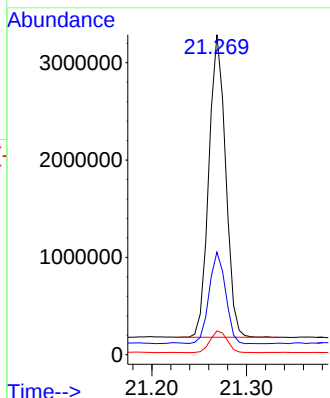
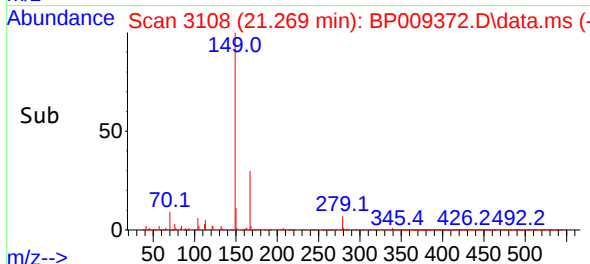
Instrument :  
BNA\_P  
ClientSampleId :  
2822-B



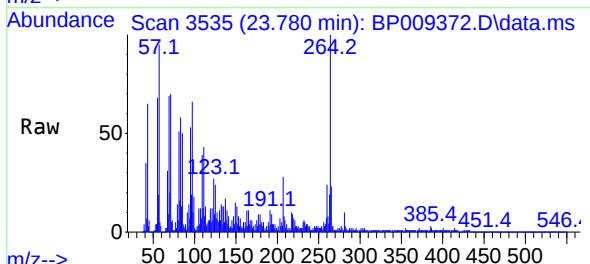
Tgt Ion:149 Resp: 381613  
Ion Ratio Lower Upper  
149 100  
167 32.0 22.6 33.8  
279 7.5 3.8 5.6

Manual Integrations  
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Reviewed By :Christian Giraldo 03/14/2022  
Supervised By :Jagrut Upadhyay 03/14/2022



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.780 min Scan# 3535  
Delta R.T. 0.047 min  
Lab File: BP009372.D  
Acq: 11 Mar 2022 19:13



Tgt Ion:264 Resp: 1811348  
Ion Ratio Lower Upper  
264 100  
260 24.2 19.4 29.0  
265 23.0 17.2 25.8

