

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP021522\  
 Data File : BP009168.D  
 Acq On : 15 Feb 2022 22:57  
 Operator : CG/JU  
 Sample : N1443-03DL 5X  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 TP-1-NORTH-COMPD

Quant Time: Feb 16 09:30:26 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP020722.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Feb 16 01:29:44 2022  
 Response via : Initial Calibration

Manual Integrations  
 APPROVED

Reviewed By :Christian Giraldo 02/16/2022  
 Supervised By :Jagrut Upadhyay 02/16/2022

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.787  | 152  | 199322   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.581 | 136  | 786124   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.428 | 164  | 541169   | 20.000 | ng    | -0.01    |
| 64) Phenanthrene-d10        | 17.186 | 188  | 1152531  | 20.000 | ng    | -0.01    |
| 76) Chrysene-d12            | 21.286 | 240  | 1176723  | 20.000 | ng    | 0.00     |
| 86) Perylene-d12            | 23.668 | 264  | 1238651  | 20.000 | ng    | -0.02    |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.387  | 112  | 218533   | 19.557 | ng    | 0.00     |
| 7) Phenol-d6                | 6.993  | 99   | 278381   | 18.907 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.963  | 82   | 169635   | 12.169 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.933 | 330  | 137690   | 19.056 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.051 | 172  | 500623   | 12.950 | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.751 | 244  | 834203   | 12.749 | ng    | 0.00     |
| Target Compounds            |        |      |          |        |       |          |
| 57) 2,4-Dinitrotoluene      | 14.828 | 165  | 318692m  | 30.332 | ng    | Qvalue   |
| 74) Di-n-butylphthalate     | 18.145 | 149  | 2272307  | 38.319 | ng    | 98       |
| -----                       |        |      |          |        |       |          |

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

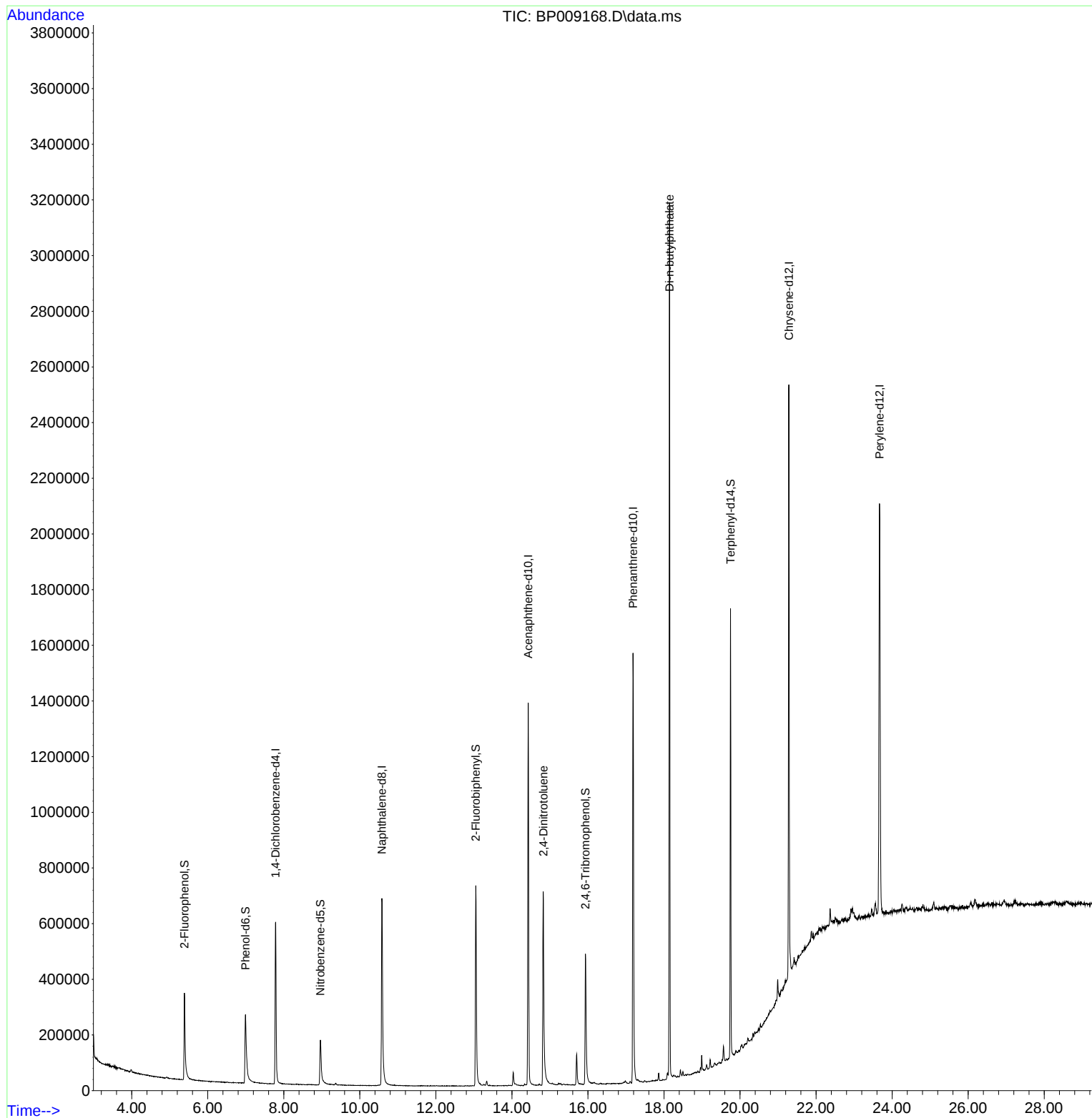
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP021522\  
Data File : BP009168.D  
Acq On : 15 Feb 2022 22:57  
Operator : CG/JU  
Sample : N1443-03DL 5X  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

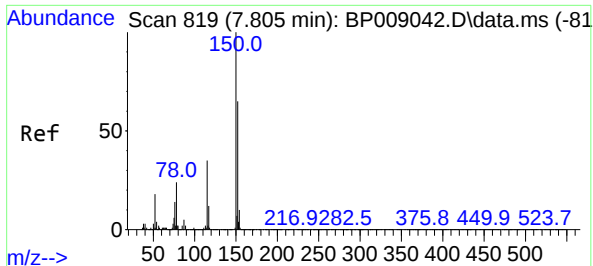
Instrument :  
BNA\_P  
ClientSampleId :  
TP-1-NORTH-COMPD

Quant Time: Feb 16 09:30:26 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP020722.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Feb 16 01:29:44 2022  
Response via : Initial Calibration

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Supervised By : Jagrut Upadhyay 02/16/2022





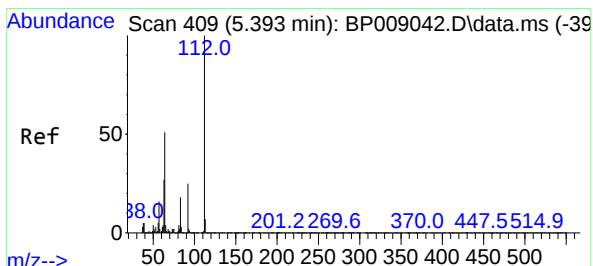
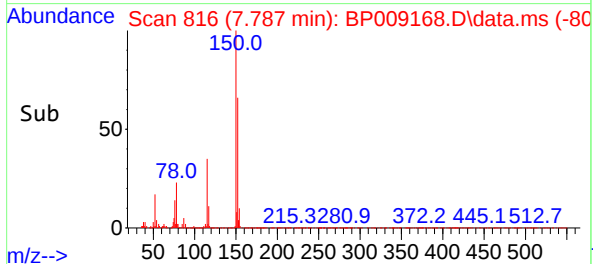
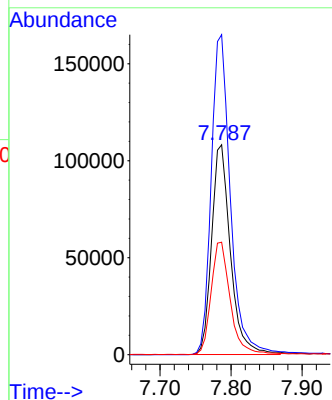
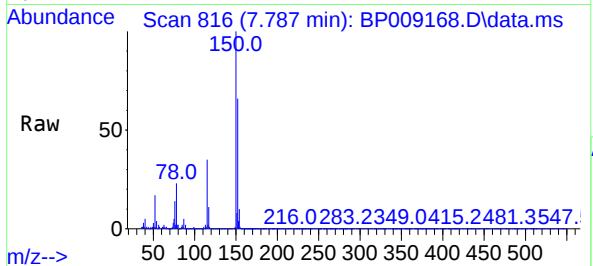
#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.787 min Scan# 819  
Delta R.T. -0.006 min  
Lab File: BP009168.D  
Acq: 15 Feb 2022 22:57

Instrument :  
BNA\_P  
ClientSampleId :  
TP-1-NORTH-COMPD

Tgt Ion:152 Resp: 19932  
Ion Ratio Lower Upper  
152 100  
150 152.4 127.0 190.6  
115 53.6 43.7 65.5

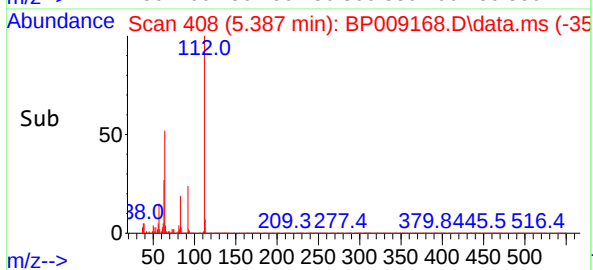
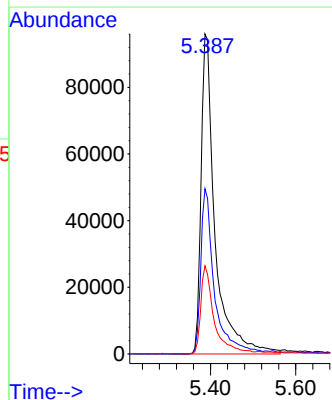
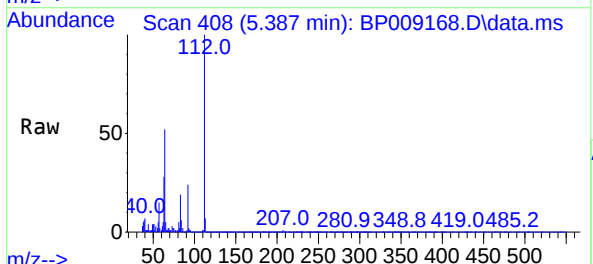
Manual Integrations  
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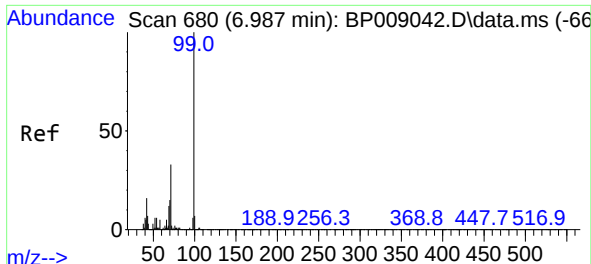
Reviewed By :Christian Giraldo 02/16/2022  
Supervised By :Jagrut Upadhyay 02/16/2022



#5  
2-Fluorophenol  
Concen: 19.557 ng  
RT: 5.387 min Scan# 408  
Delta R.T. -0.000 min  
Lab File: BP009168.D  
Acq: 15 Feb 2022 22:57

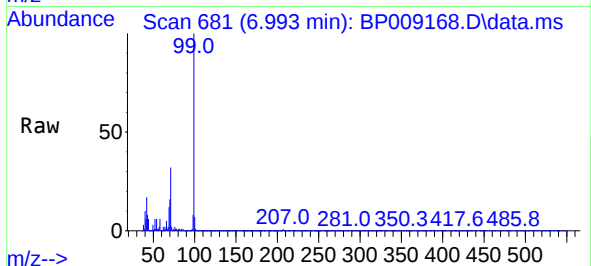
Tgt Ion:112 Resp: 218533  
Ion Ratio Lower Upper  
112 100  
64 51.6 39.7 59.5  
63 27.6 20.0 30.0





Phenol-d6  
Concen: 18.907 ng  
RT: 6.993 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: BP009168.D  
Acq: 15 Feb 2022 22:57

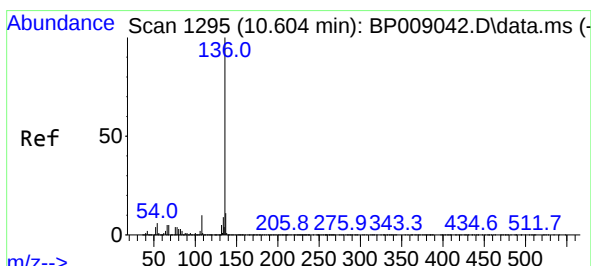
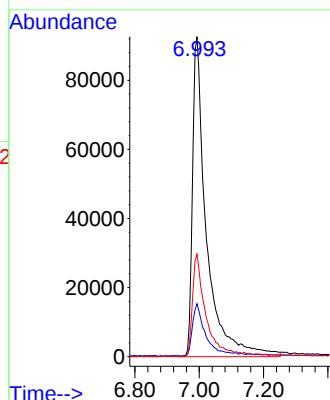
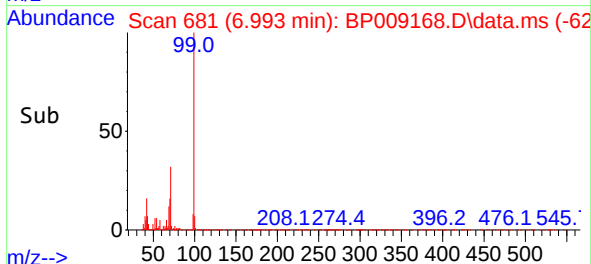
Instrument :  
BNA\_P  
ClientSampleId :  
TP-1-NORTH-COMPD



Tgt Ion: 99 Resp: 27838  
Ion Ratio Lower Upper  
99 100  
42 16.6 10.8 16.2  
71 32.1 23.8 35.6

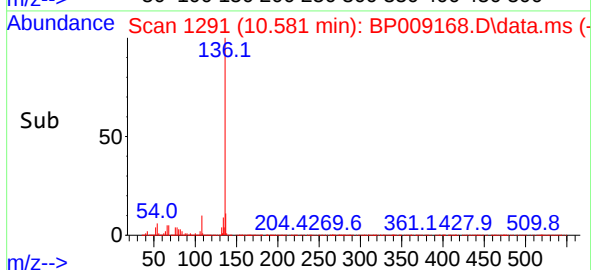
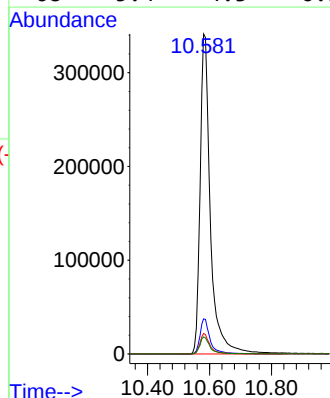
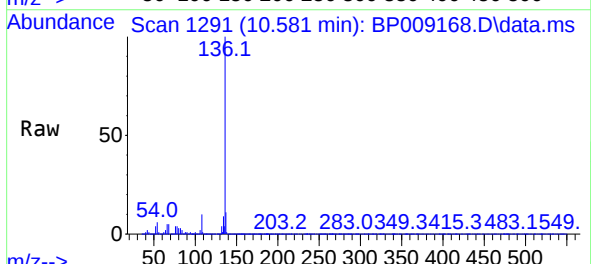
Manual Integrations  
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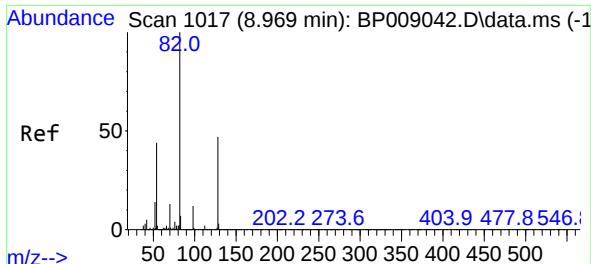
Reviewed By :Christian Giraldo 02/16/2022  
Supervised By :Jagrut Upadhyay 02/16/2022



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.581 min Scan# 1291  
Delta R.T. -0.006 min  
Lab File: BP009168.D  
Acq: 15 Feb 2022 22:57

Tgt Ion:136 Resp: 786124  
Ion Ratio Lower Upper  
136 100  
137 10.9 9.0 13.4  
54 6.4 4.9 7.3  
68 5.4 4.3 6.5





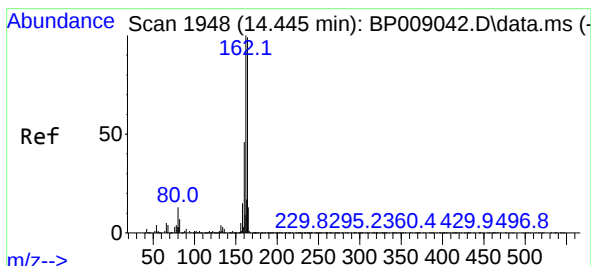
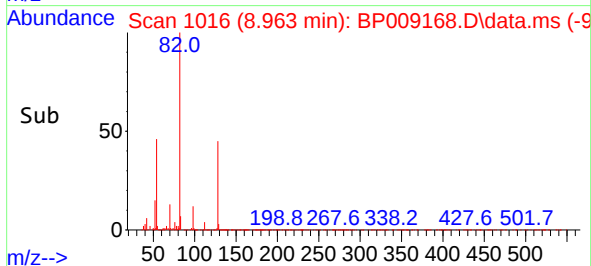
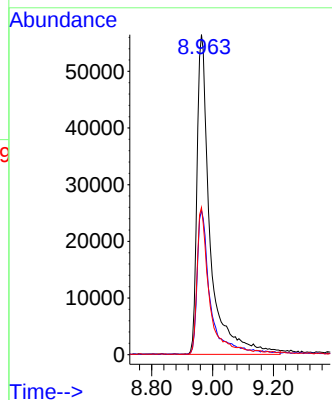
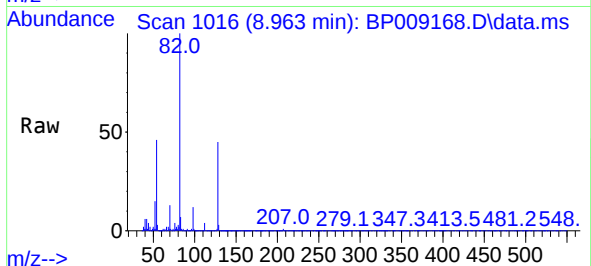
#23  
Nitrobenzene-d5  
Concen: 12.169 ng  
RT: 8.963 min Scan# 1017  
Delta R.T. 0.006 min  
Lab File: BP009168.D  
Acq: 15 Feb 2022 22:57

Instrument :  
BNA\_P  
ClientSampleId :  
TP-1-NORTH-COMPD

Tgt Ion: 82 Resp: 16963  
Ion Ratio Lower Upper  
82 100  
128 45.2 39.4 59.2  
54 46.0 32.6 48.8

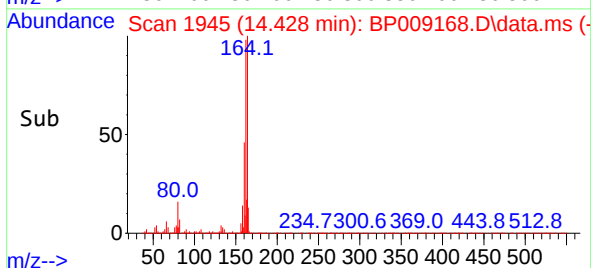
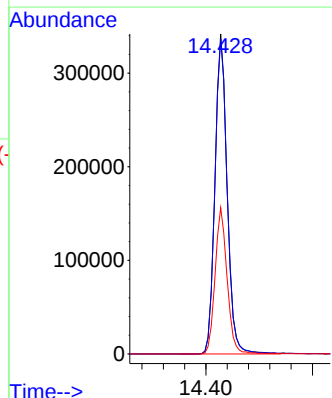
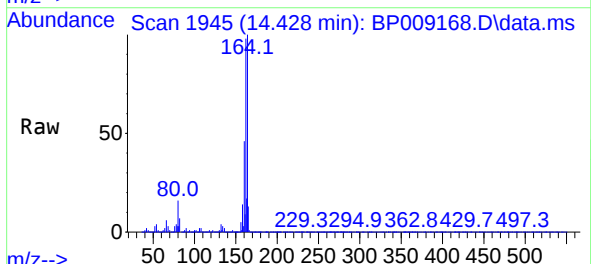
Manual Integrations  
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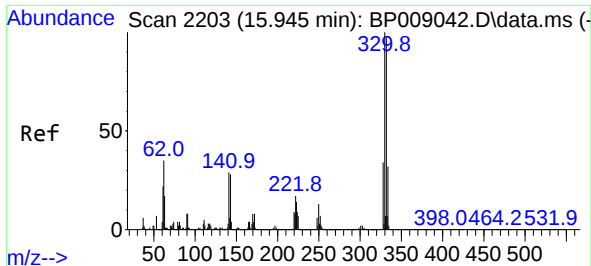
Reviewed By :Christian Giraldo 02/16/2022  
Supervised By :Jagrut Upadhyay 02/16/2022



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.428 min Scan# 1945  
Delta R.T. -0.012 min  
Lab File: BP009168.D  
Acq: 15 Feb 2022 22:57

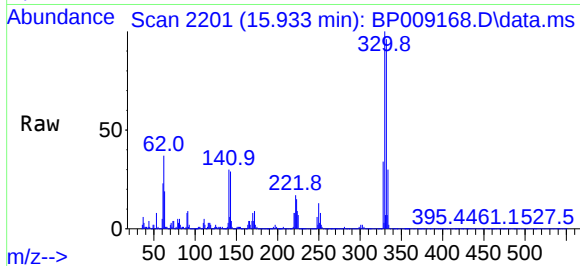
Tgt Ion:164 Resp: 541169  
Ion Ratio Lower Upper  
164 100  
162 98.4 79.9 119.9  
160 45.7 35.5 53.3





#42  
2,4,6-Tribromophenol  
Concen: 19.056 ng  
RT: 15.933 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BP009168.D  
Acq: 15 Feb 2022 22:57

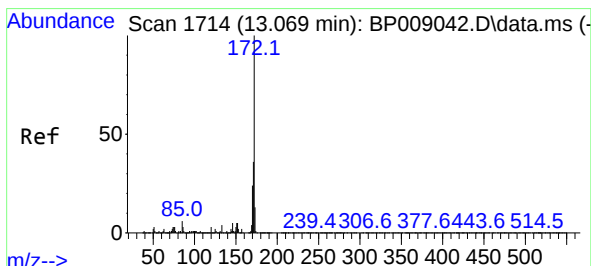
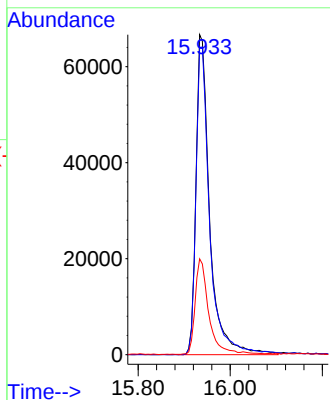
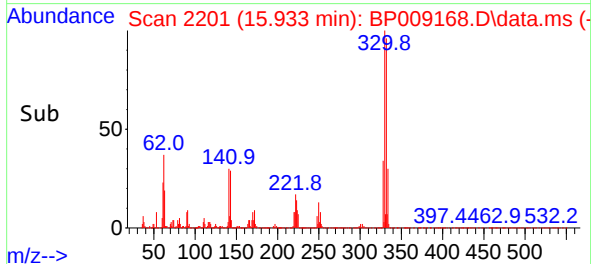
Instrument :  
BNA\_P  
ClientSampleId :  
TP-1-NORTH-COMPD



Tgt Ion:330 Resp: 137690  
Ion Ratio Lower Upper  
330 100  
332 95.9 77.0 115.4  
141 29.2 21.3 31.9

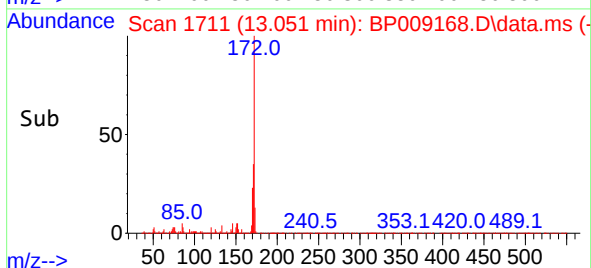
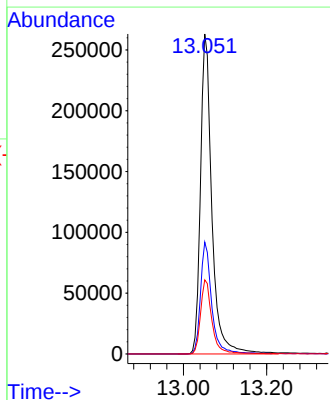
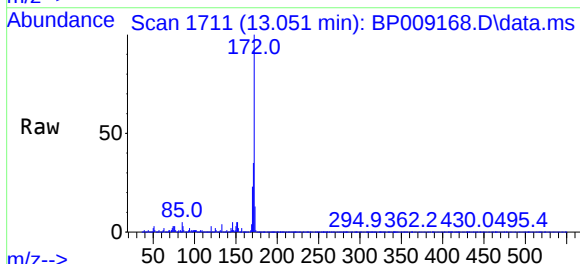
Manual Integrations  
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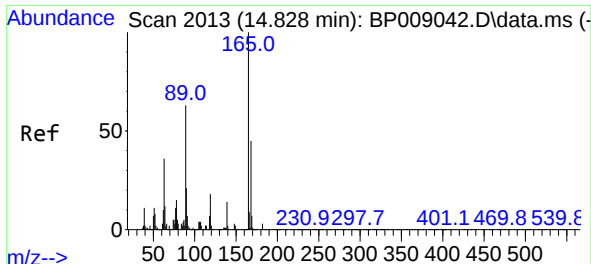
Reviewed By :Christian Giraldo 02/16/2022  
Supervised By :Jagrut Upadhyay 02/16/2022



#45  
2-Fluorobiphenyl  
Concen: 12.950 ng  
RT: 13.051 min Scan# 1711  
Delta R.T. -0.006 min  
Lab File: BP009168.D  
Acq: 15 Feb 2022 22:57

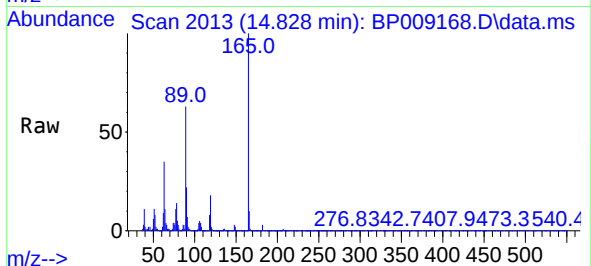
Tgt Ion:172 Resp: 500623  
Ion Ratio Lower Upper  
172 100  
171 34.9 29.3 43.9  
170 23.1 19.5 29.3





#57  
2,4-Dinitrotoluene  
Concen: 30.332 ng m  
RT: 14.828 min Scan# 2013  
Delta R.T. -0.000 min  
Lab File: BP009168.D  
Acq: 15 Feb 2022 22:57

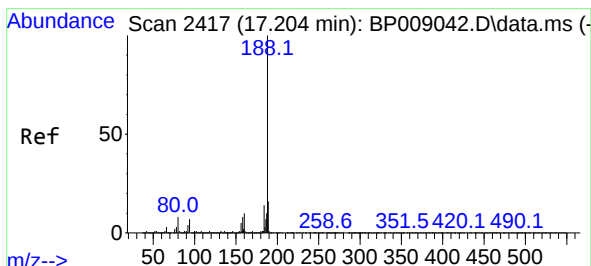
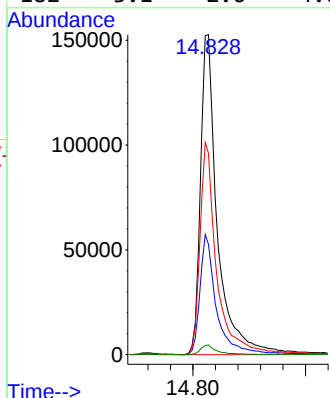
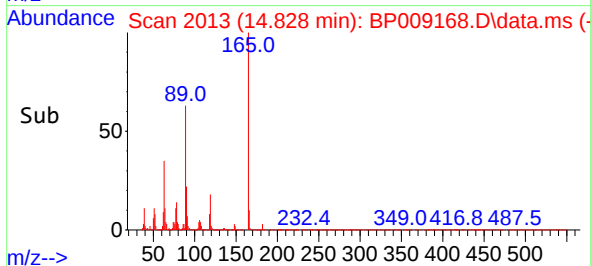
Instrument :  
BNA\_P  
ClientSampleId :  
TP-1-NORTH-COMPD



Tgt Ion:165 Resp: 318692  
Ion Ratio Lower Upper  
165 100  
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89 63.0 44.2 66.4  
182 3.1 2.6 4.0

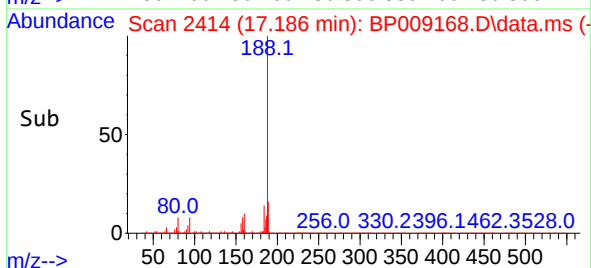
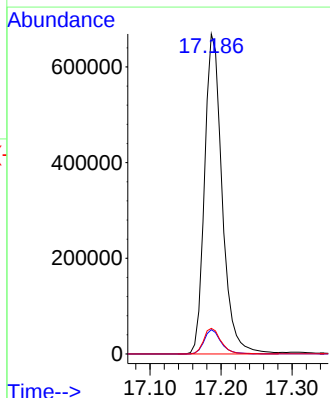
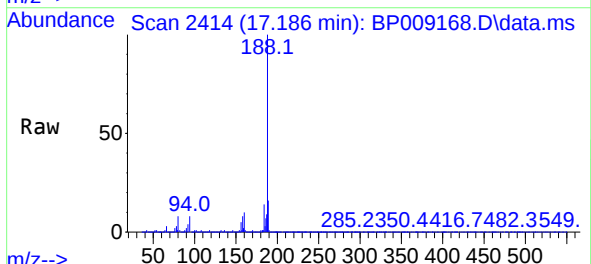
Manual Integrations  
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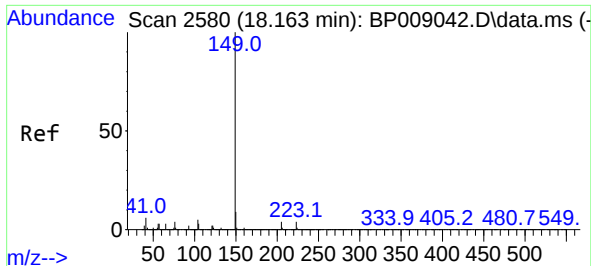
Reviewed By :Christian Giraldo 02/16/2022  
Supervised By :Jagrut Upadhyay 02/16/2022



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.186 min Scan# 2414  
Delta R.T. -0.012 min  
Lab File: BP009168.D  
Acq: 15 Feb 2022 22:57

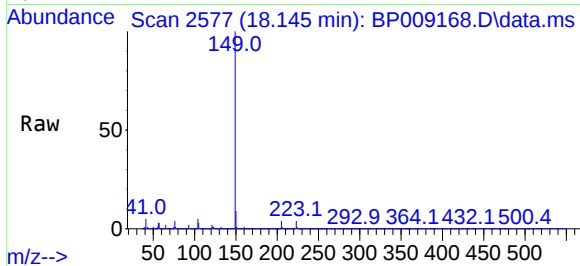
Tgt Ion:188 Resp: 1152531  
Ion Ratio Lower Upper  
188 100  
94 7.6 6.8 10.2  
80 8.0 7.2 10.8





#74  
Di-n-butylphthalate  
Concen: 38.319 ng  
RT: 18.145 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BP009168.D  
Acq: 15 Feb 2022 22:57

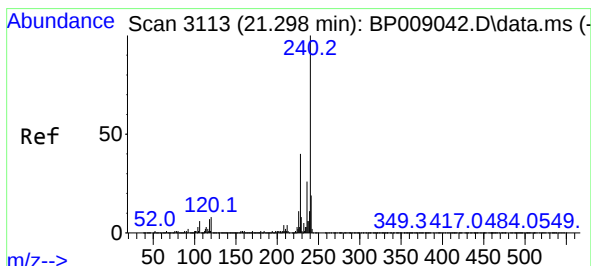
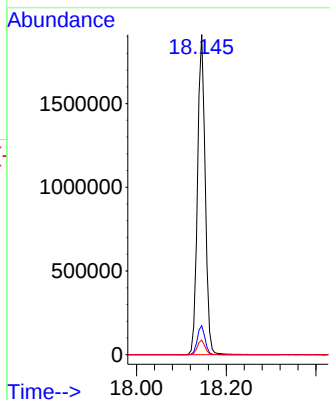
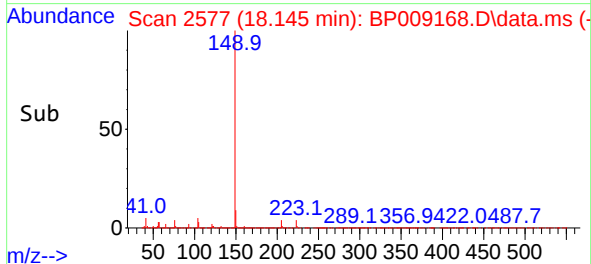
Instrument :  
BNA\_P  
ClientSampleId :  
TP-1-NORTH-COMPD



Tgt Ion:149 Resp: 227230  
Ion Ratio Lower Upper  
149 100  
150 9.0 7.9 11.9  
104 4.6 3.7 5.5

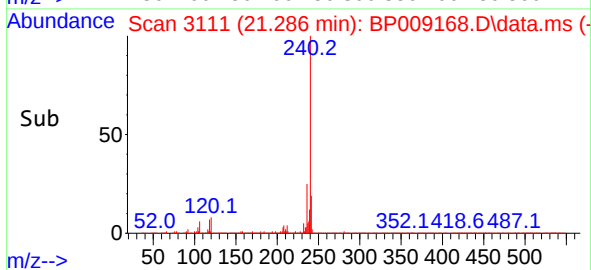
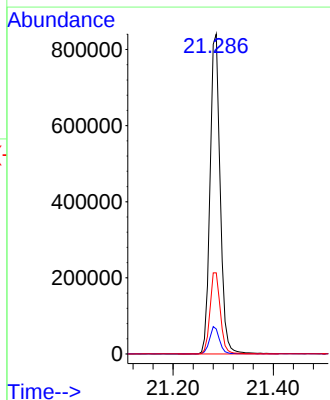
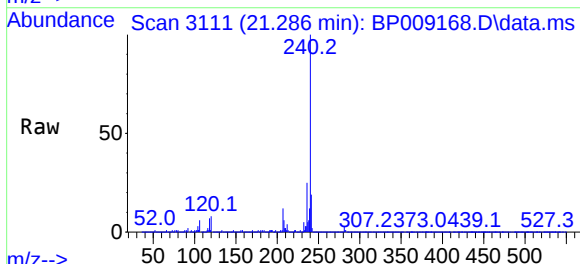
Manual Integrations  
APPROVED

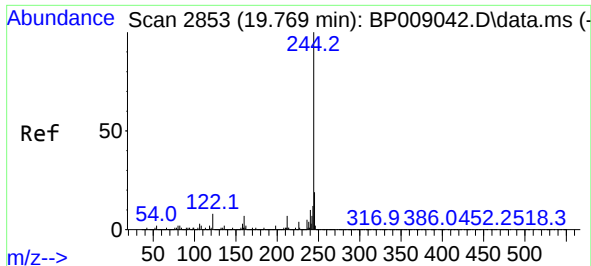
Reviewed By :Christian Giraldo 02/16/2022  
Supervised By :Jagrut Upadhyay 02/16/2022



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.286 min Scan# 3111  
Delta R.T. -0.006 min  
Lab File: BP009168.D  
Acq: 15 Feb 2022 22:57

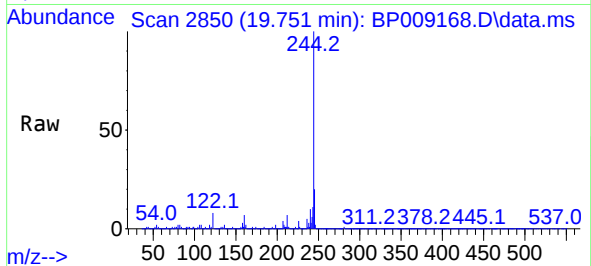
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Ion Ratio Lower Upper  
240 100  
120 7.8 7.7 11.5  
236 25.4 21.2 31.8





#79  
Terphenyl-d14  
Concen: 12.749 ng  
RT: 19.751 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BP009168.D  
Acq: 15 Feb 2022 22:57

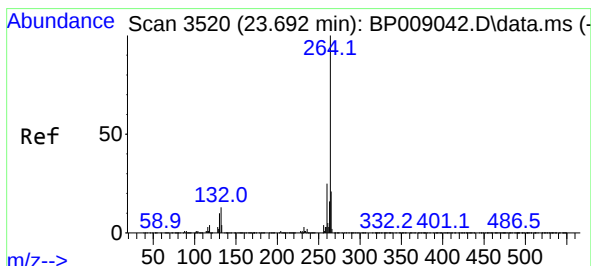
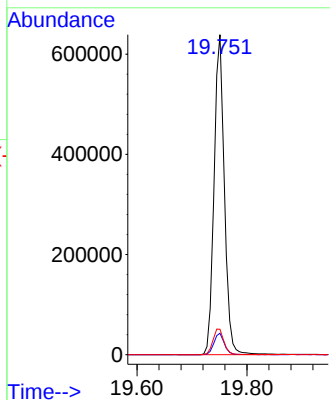
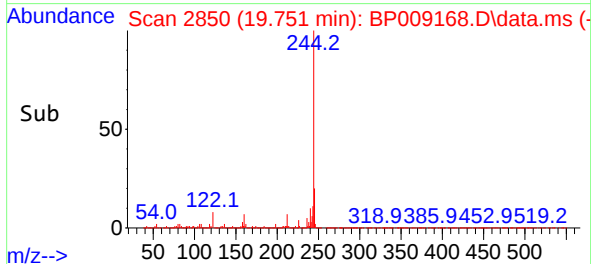
Instrument :  
BNA\_P  
ClientSampleId :  
TP-1-NORTH-COMPD



Tgt Ion:244 Resp: 83420  
Ion Ratio Lower Upper  
244 100  
212 6.7 6.5 9.7  
122 7.9 9.2 13.8

Manual Integrations  
APPROVED

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Supervised By :Jagrut Upadhyay 02/16/2022



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.668 min Scan# 3516  
Delta R.T. -0.024 min  
Lab File: BP009168.D  
Acq: 15 Feb 2022 22:57

Tgt Ion:264 Resp: 1238651  
Ion Ratio Lower Upper  
264 100  
260 25.1 19.1 28.7  
265 23.0 17.1 25.7

