

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP022824\  
 Data File : BP019914.D  
 Acq On : 28 Feb 2024 13:48  
 Operator : MA/JU  
 Sample : P1538-02  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 20241097-COMPOSITE-35N-N-4-02

Quant Time: Feb 28 14:23:30 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP022624.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Feb 27 02:05:05 2024  
 Response via : Initial Calibration

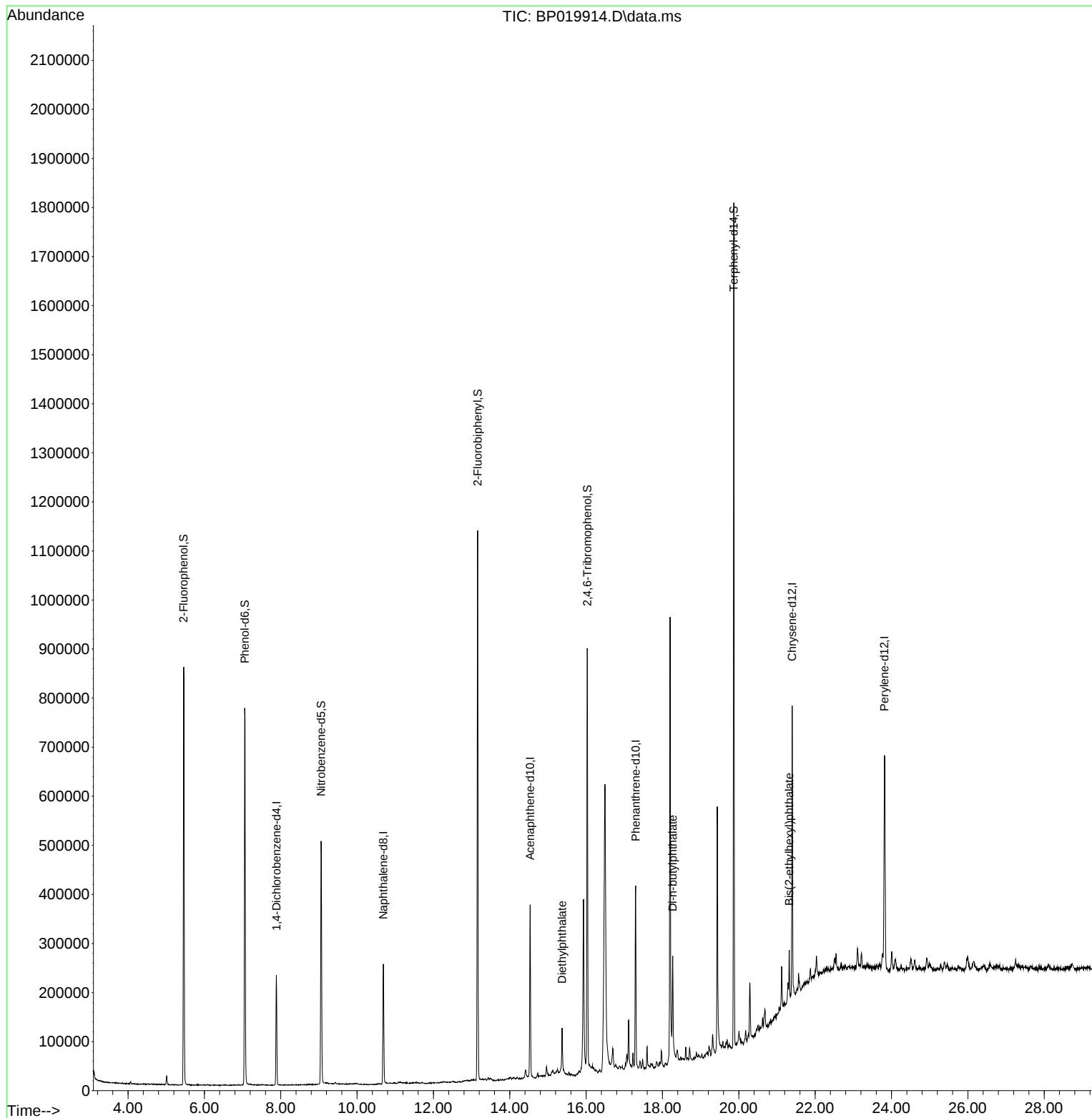
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.887  | 152  | 60314    | 20.000 | ng    | -0.01    |
| 21) Naphthalene-d8            | 10.687 | 136  | 201577   | 20.000 | ng    | -0.02    |
| 39) Acenaphthene-d10          | 14.534 | 164  | 118288   | 20.000 | ng    | -0.01    |
| 64) Phenanthrene-d10          | 17.298 | 188  | 234150   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.398 | 240  | 275796   | 20.000 | ng    | -0.01    |
| 86) Perylene-d12              | 23.816 | 264  | 386924   | 20.000 | ng    | -0.02    |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.458  | 112  | 343691   | 93.531 | ng    | -0.01    |
| 7) Phenol-d6                  | 7.058  | 99   | 432583   | 79.069 | ng    | -0.02    |
| 23) Nitrobenzene-d5           | 9.057  | 82   | 300204   | 60.124 | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol      | 16.034 | 330  | 187055   | 92.226 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 13.157 | 172  | 571460   | 65.273 | ng    | -0.01    |
| 79) Terphenyl-d14             | 19.869 | 244  | 837557   | 47.866 | ng    | -0.01    |
| Target Compounds              |        |      |          |        |       |          |
| 60) Diethylphthalate          | 15.369 | 149  | 65435    | 6.859  | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.269 | 149  | 164838   | 11.664 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.322 | 149  | 38755    | 3.563  | ng    | 99       |
| -----                         |        |      |          |        |       |          |

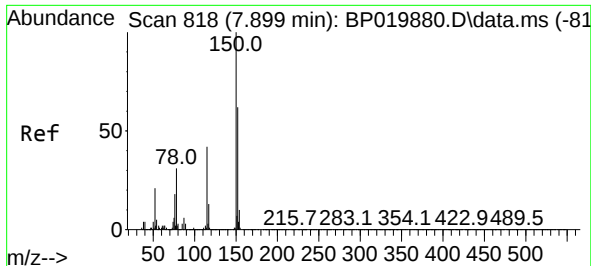
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP022824\  
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20241097-COMPOSITE-35N-N-4-02

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QLast Update : Tue Feb 27 02:05:05 2024  
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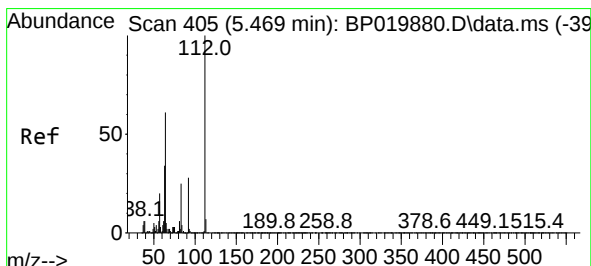
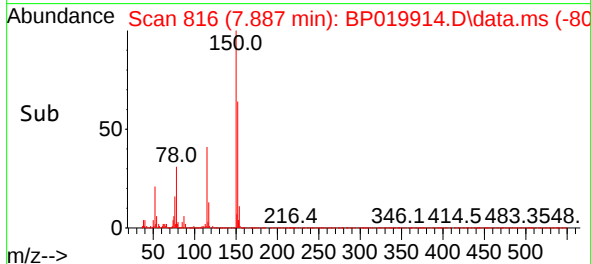
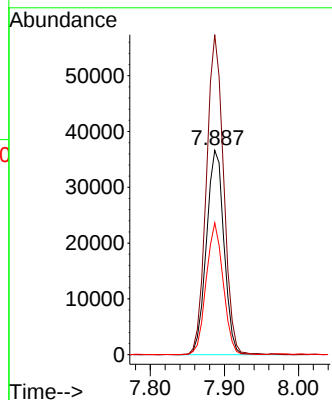
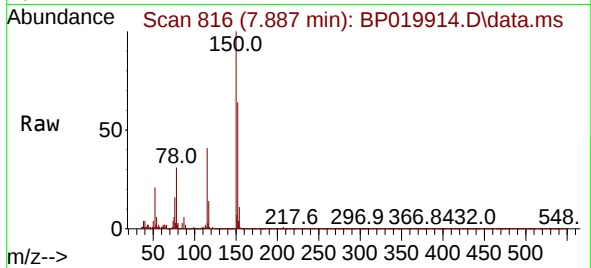




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.887 min Scan# 81  
Delta R.T. -0.012 min  
Lab File: BP019914.D  
Acq: 28 Feb 2024 13:48

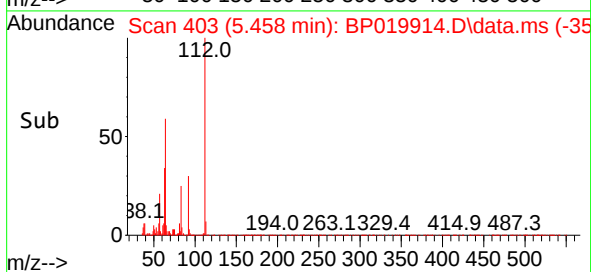
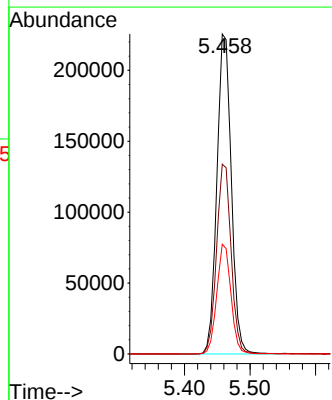
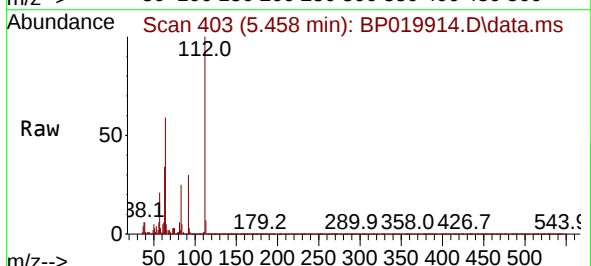
Instrument :  
BNA\_P  
ClientSampleId :  
20241097-COMPOSITE-35N-N-4-02

Tgt Ion:152 Resp: 60314  
Ion Ratio Lower Upper  
152 100  
150 156.6 128.6 192.8  
115 64.5 53.4 80.2



#5  
2-Fluorophenol  
Concen: 93.531 ng  
RT: 5.458 min Scan# 403  
Delta R.T. -0.012 min  
Lab File: BP019914.D  
Acq: 28 Feb 2024 13:48

Tgt Ion:112 Resp: 343691  
Ion Ratio Lower Upper  
112 100  
64 59.3 49.0 73.6  
63 34.3 27.6 41.4

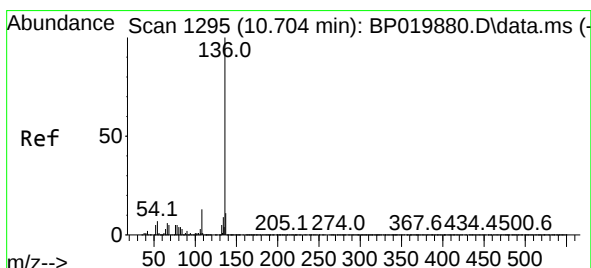
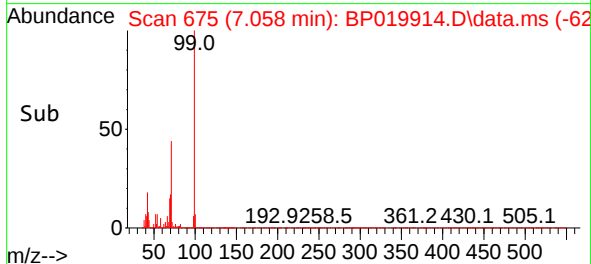
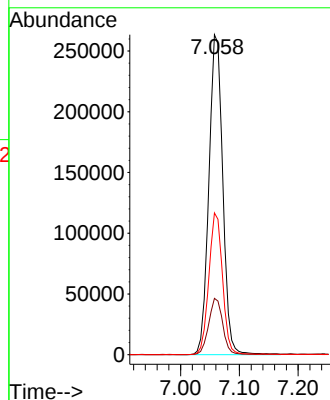
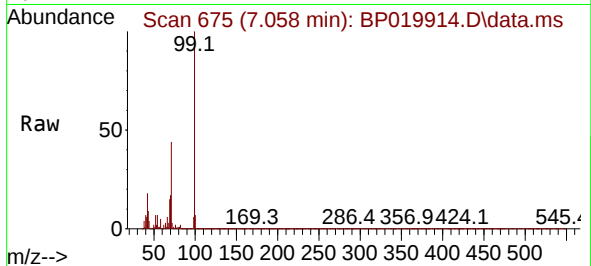




#7  
Phenol-d6  
Concen: 79.069 ng  
RT: 7.058 min Scan# 61  
Delta R.T. -0.018 min  
Lab File: BP019914.D  
Acq: 28 Feb 2024 13:48

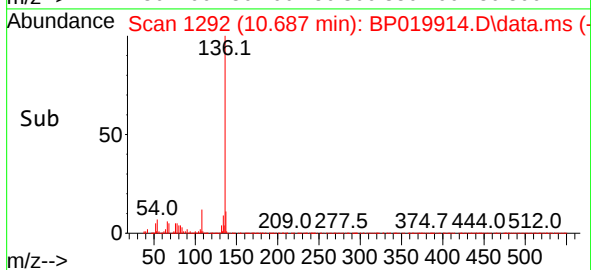
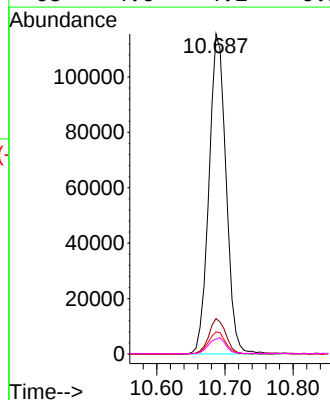
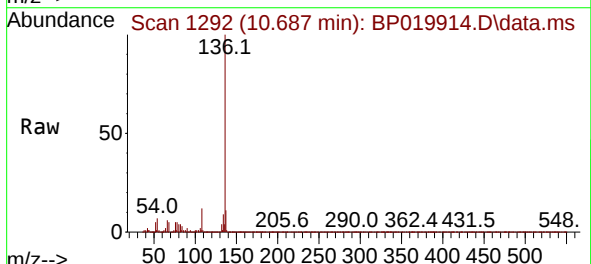
Instrument :  
BNA\_P  
ClientSampleId :  
20241097-COMPOSITE-35N-N-4-02

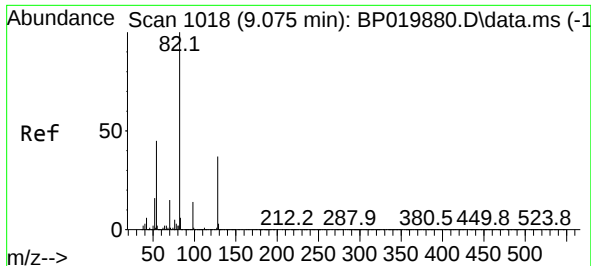
Tgt Ion: 99 Resp: 432583  
Ion Ratio Lower Upper  
99 100  
42 17.6 13.8 20.8  
71 44.3 34.5 51.7



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.687 min Scan# 1292  
Delta R.T. -0.018 min  
Lab File: BP019914.D  
Acq: 28 Feb 2024 13:48

Tgt Ion: 136 Resp: 201577  
Ion Ratio Lower Upper  
136 100  
137 11.1 8.7 13.1  
54 6.9 6.0 9.0  
68 4.6 4.2 6.2

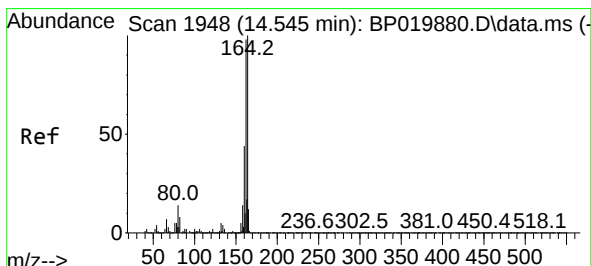
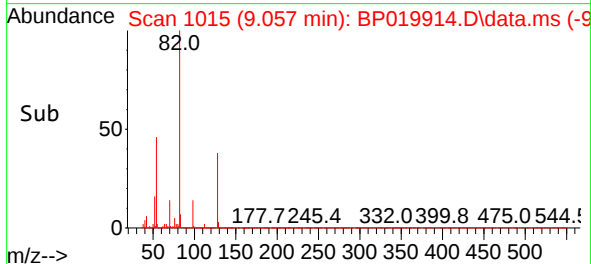
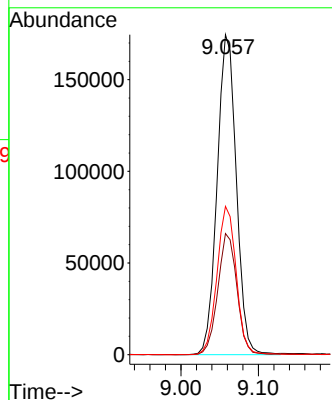
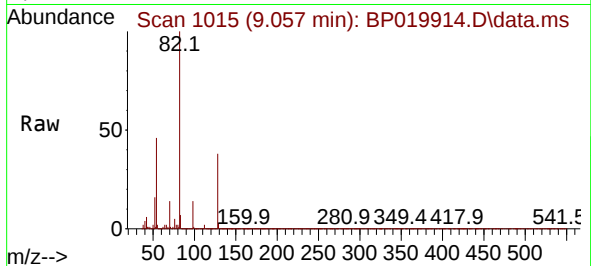




#23  
Nitrobenzene-d5  
Concen: 60.124 ng  
RT: 9.057 min Scan# 1018  
Delta R.T. -0.018 min  
Lab File: BP019914.D  
Acq: 28 Feb 2024 13:48

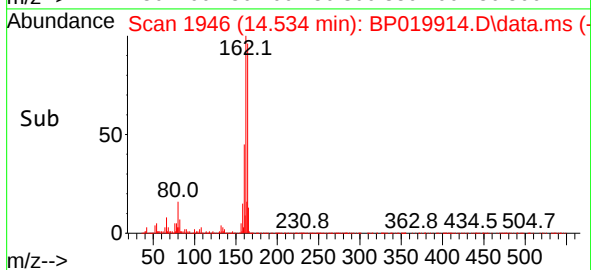
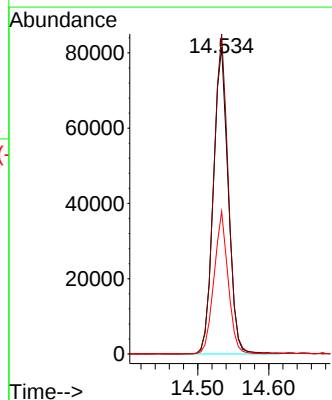
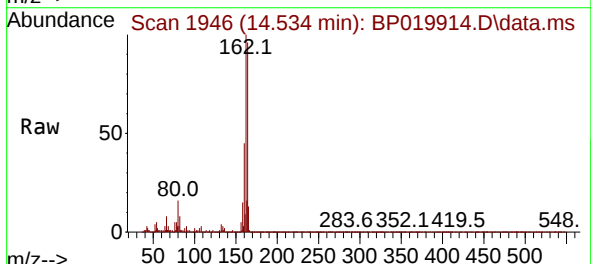
Instrument :  
BNA\_P  
ClientSampleId :  
20241097-COMPOSITE-35N-N-4-02

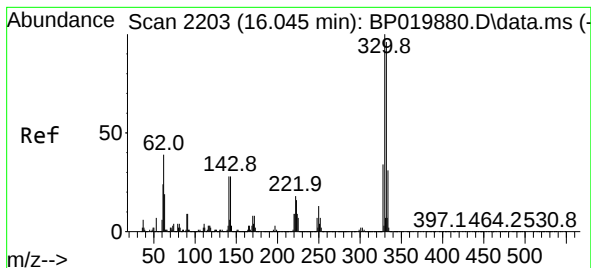
Tgt Ion: 82 Resp: 300204  
Ion Ratio Lower Upper  
82 100  
128 37.9 29.6 44.4  
54 46.4 36.3 54.5



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.534 min Scan# 1946  
Delta R.T. -0.012 min  
Lab File: BP019914.D  
Acq: 28 Feb 2024 13:48

Tgt Ion: 164 Resp: 118288  
Ion Ratio Lower Upper  
164 100  
162 104.3 78.1 117.1  
160 46.5 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 92.226 ng

RT: 16.034 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP019914.D

Acq: 28 Feb 2024 13:48

Instrument :

BNA\_P

ClientSampleId :

20241097-COMPOSITE-35N-N-4-02

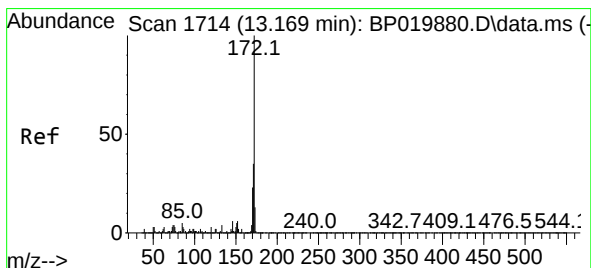
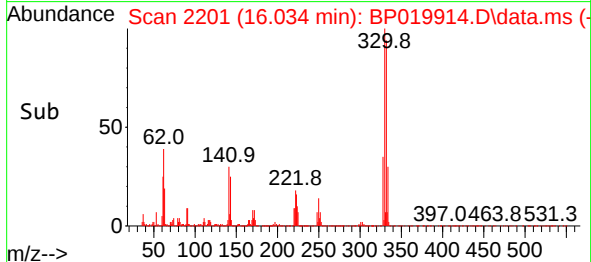
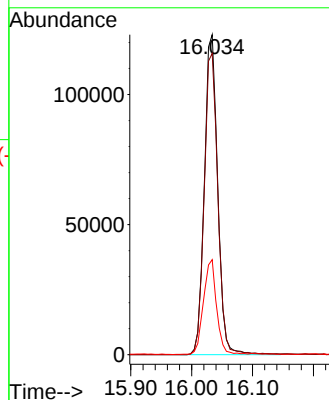
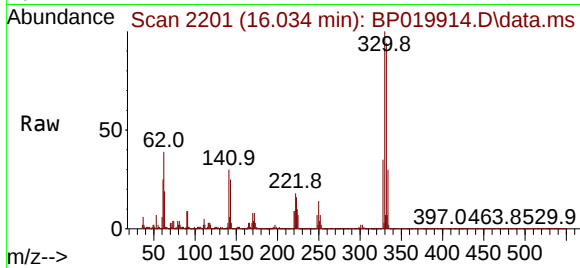
Tgt Ion:330 Resp: 187055

Ion Ratio Lower Upper

330 100

332 96.1 77.4 116.2

141 29.3 24.6 37.0



#45

2-Fluorobiphenyl

Concen: 65.273 ng

RT: 13.157 min Scan# 1712

Delta R.T. -0.012 min

Lab File: BP019914.D

Acq: 28 Feb 2024 13:48

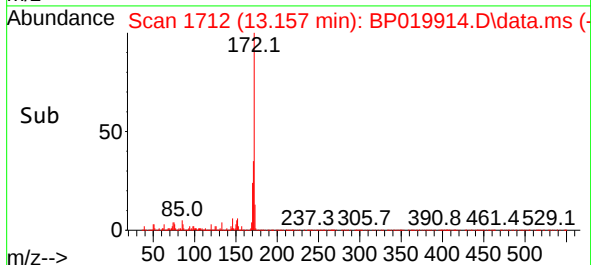
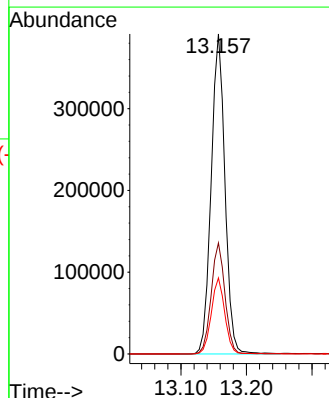
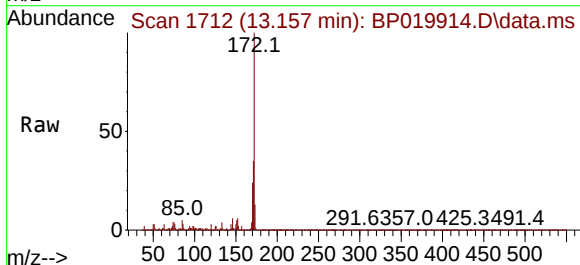
Tgt Ion:172 Resp: 571460

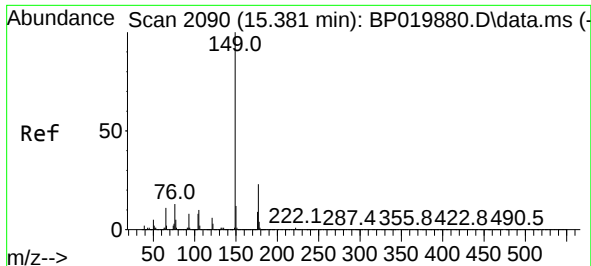
Ion Ratio Lower Upper

172 100

171 34.7 27.8 41.6

170 23.7 18.4 27.6

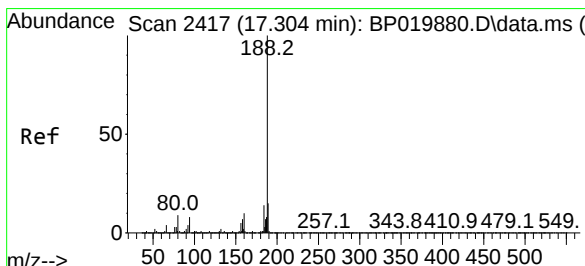
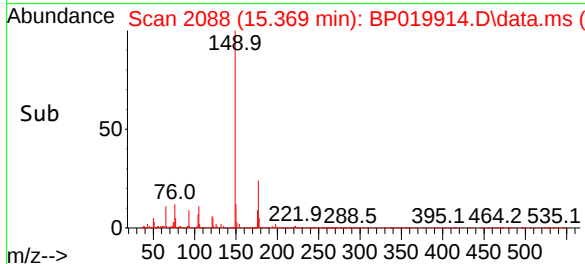
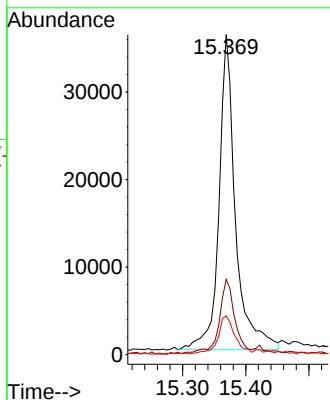
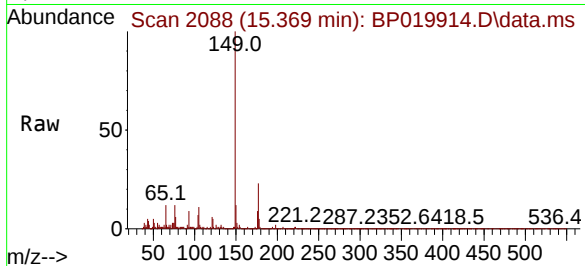




#60  
Diethylphthalate  
Concen: 6.859 ng  
RT: 15.369 min Scan# 2090  
Delta R.T. -0.012 min  
Lab File: BP019914.D  
Acq: 28 Feb 2024 13:48

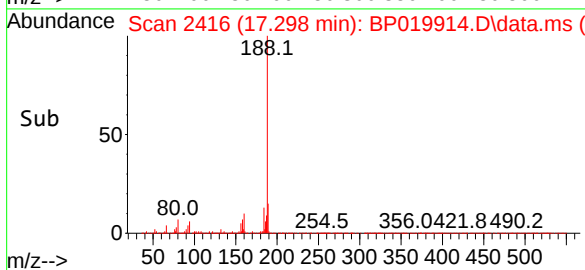
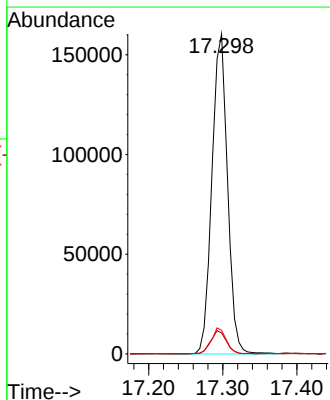
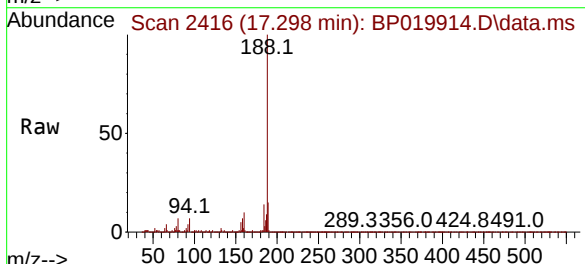
Instrument :  
BNA\_P  
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20241097-COMPOSITE-35N-N-4-02

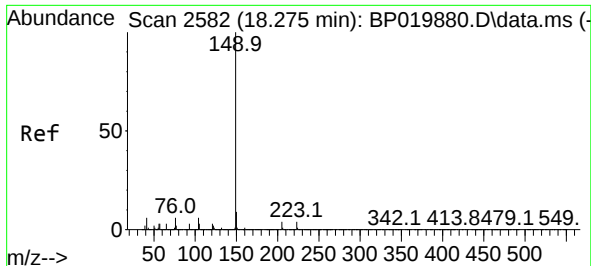
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:149 | Resp: | 65435     |
| Ion Ratio   | Lower | Upper     |
| 149         | 100   |           |
| 177         | 23.5  | 18.4 27.6 |
| 150         | 12.1  | 9.9 14.9  |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.298 min Scan# 2416  
Delta R.T. -0.006 min  
Lab File: BP019914.D  
Acq: 28 Feb 2024 13:48

|             |       |          |
|-------------|-------|----------|
| Tgt Ion:188 | Resp: | 234150   |
| Ion Ratio   | Lower | Upper    |
| 188         | 100   |          |
| 94          | 6.5   | 6.2 9.4  |
| 80          | 7.4   | 7.0 10.4 |

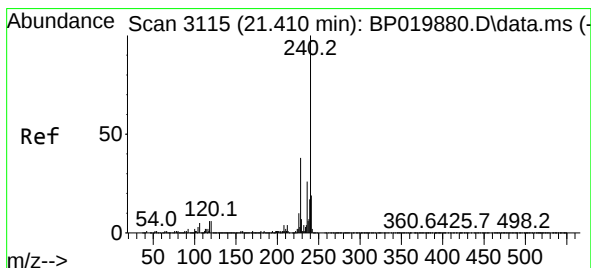
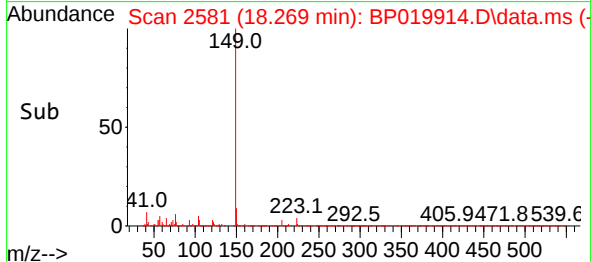
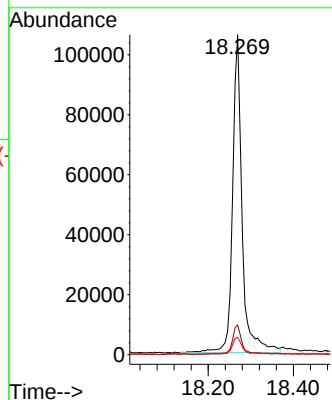
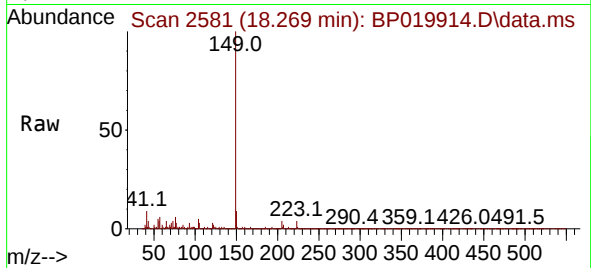




#74  
Di-n-butylphthalate  
Concen: 11.664 ng  
RT: 18.269 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BP019914.D  
Acq: 28 Feb 2024 13:48

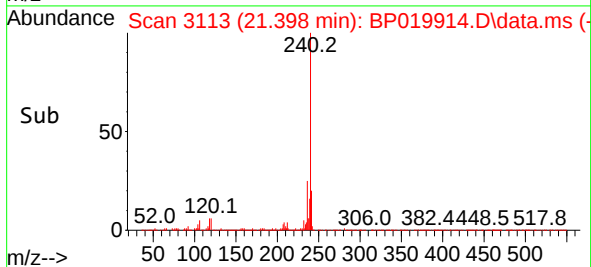
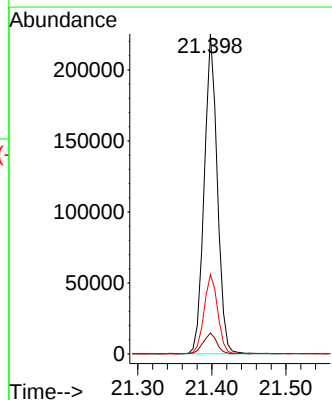
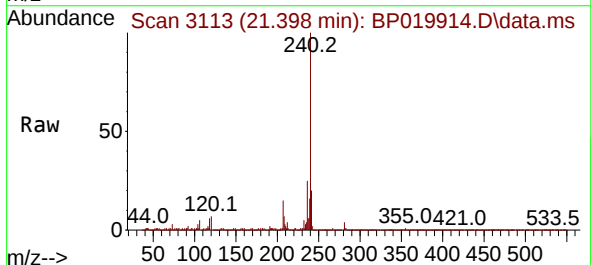
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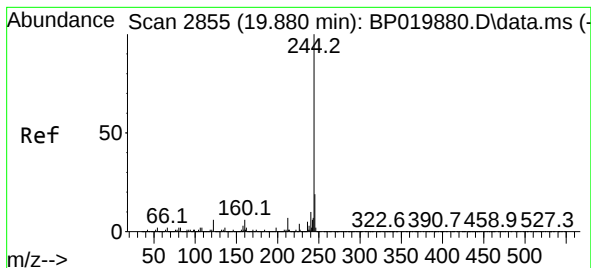
Tgt Ion:149 Resp: 164838  
Ion Ratio Lower Upper  
149 100  
150 9.2 7.3 10.9  
104 5.4 4.6 7.0



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.398 min Scan# 3113  
Delta R.T. -0.012 min  
Lab File: BP019914.D  
Acq: 28 Feb 2024 13:48

Tgt Ion:240 Resp: 275796  
Ion Ratio Lower Upper  
240 100  
120 6.6 5.1 7.7  
236 24.9 20.5 30.7





#79

Terphenyl-d14

Concen: 47.866 ng

RT: 19.869 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP019914.D

Acq: 28 Feb 2024 13:48

Instrument :

BNA\_P

ClientSampleId :

20241097-COMPOSITE-35N-N-4-02

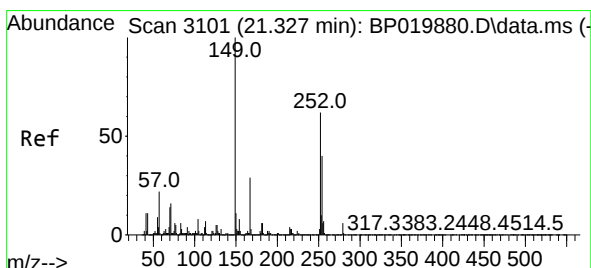
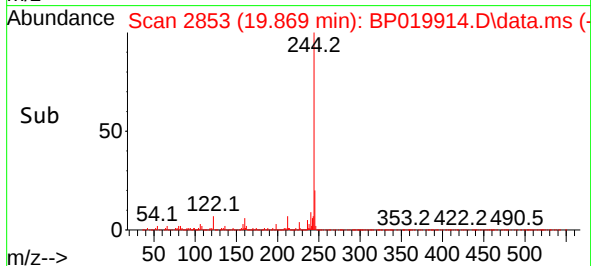
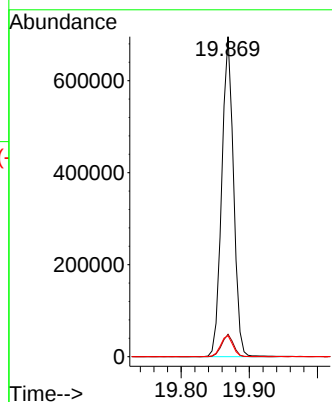
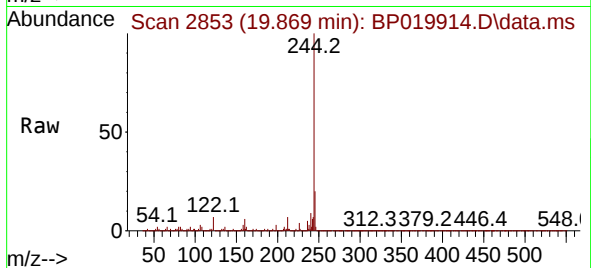
Tgt Ion:244 Resp: 837557

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

122 6.5 5.0 7.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.563 ng

RT: 21.322 min Scan# 3100

Delta R.T. -0.006 min

Lab File: BP019914.D

Acq: 28 Feb 2024 13:48

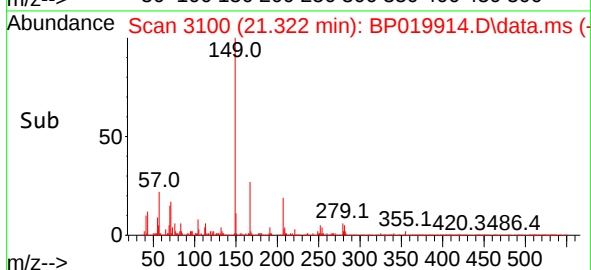
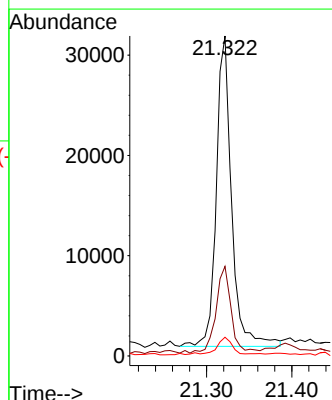
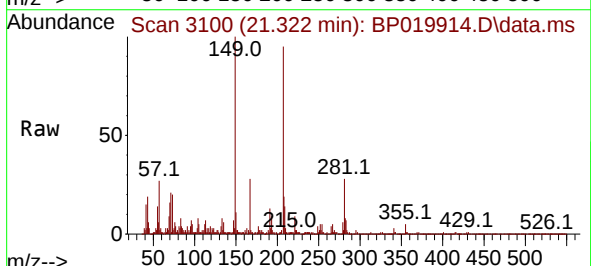
Tgt Ion:149 Resp: 38755

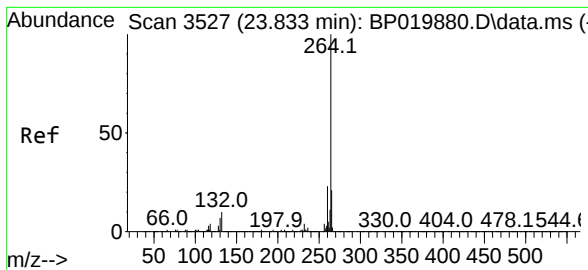
Ion Ratio Lower Upper

149 100

167 28.0 23.0 34.4

279 5.9 4.6 6.8





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.816 min Scan# 31  
 Delta R.T. -0.018 min  
 Lab File: BP019914.D  
 Acq: 28 Feb 2024 13:48

Instrument :  
 BNA\_P  
 ClientSampleId :  
 20241097-COMPOSITE-35N-N-4-02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 264   | Resp: | 386924 |
| Ion Ratio | Lower | Upper |        |
| 264       | 100   |       |        |
| 260       | 23.9  | 18.7  | 28.1   |
| 265       | 22.3  | 17.4  | 26.2   |

