

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP061821\  
 Data File : BP005974.D  
 Acq On : 18 Jun 2021 16:33  
 Operator : CG/JU  
 Sample : M2687-20  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DUP-03

Quant Time: Jun 18 17:12:02 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP060821.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jun 16 11:35:30 2021  
 Response via : Initial Calibration

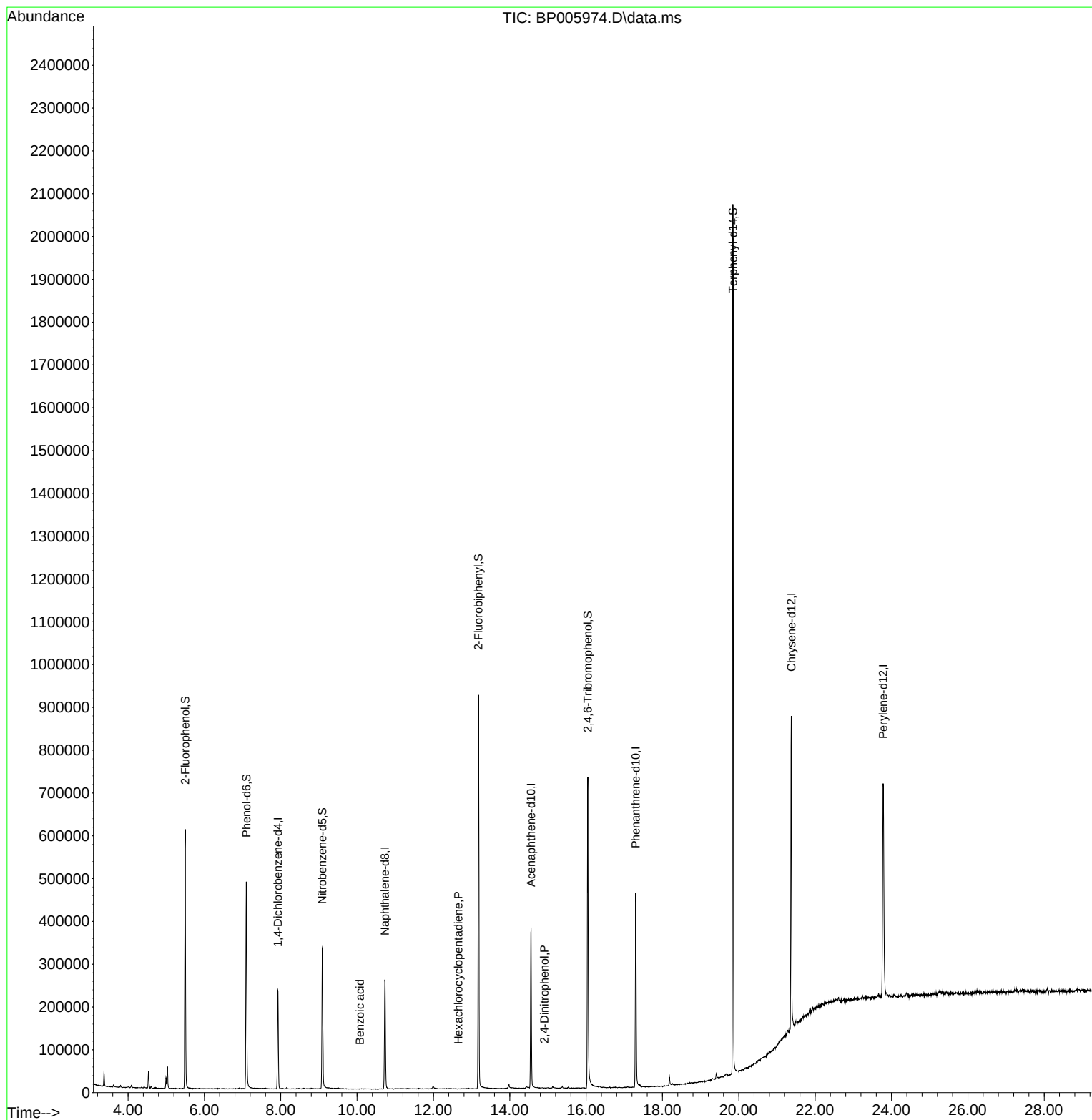
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.928  | 152  | 65230    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.728 | 136  | 233832   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.557 | 164  | 137400   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.298 | 188  | 294572   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.374 | 240  | 374820   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 23.780 | 264  | 442668   | 20.000 | ng    | -0.01    |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.499  | 112  | 271847   | 66.873 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.099  | 99   | 291548   | 55.333 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.087  | 82   | 209974   | 44.025 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.045 | 330  | 171057   | 72.547 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.181 | 172  | 486520   | 46.497 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.845 | 244  | 953302   | 47.624 | ng    | -0.01    |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 32) Benzoic acid              | 10.075 | 122  | 7        | 6.322  | ng    | # 86     |
| 41) Hexachlorocyclopentadiene | 12.657 | 237  | 35       | 5.517  | ng    | 72       |
| 54) 2,4-Dinitrophenol         | 14.910 | 184  | 23       | 4.863  | ng    | 96       |
| -----                         |        |      |          |        |       |          |

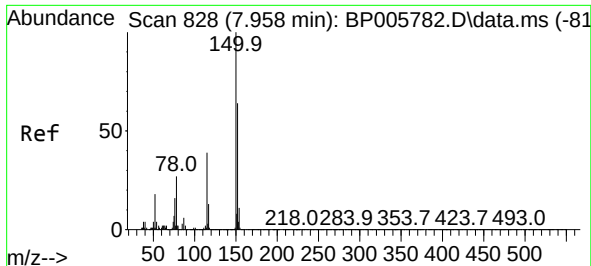
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP061821\  
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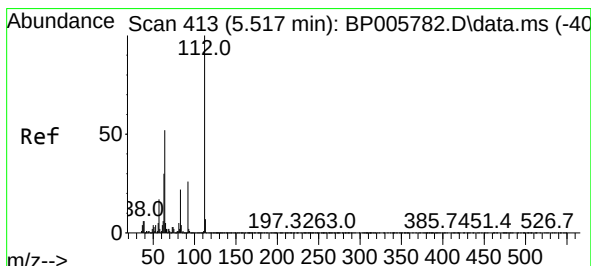
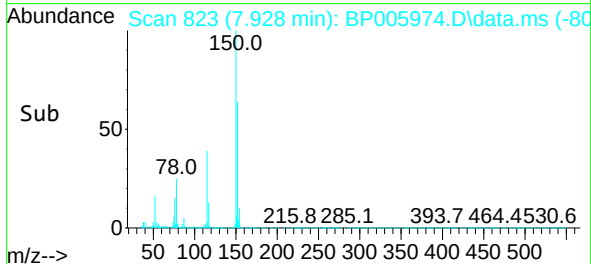
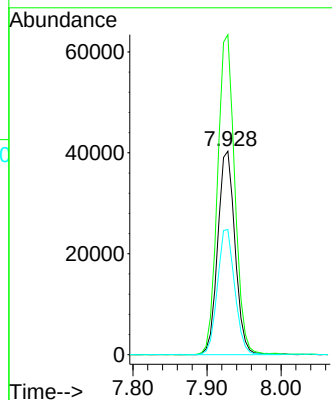
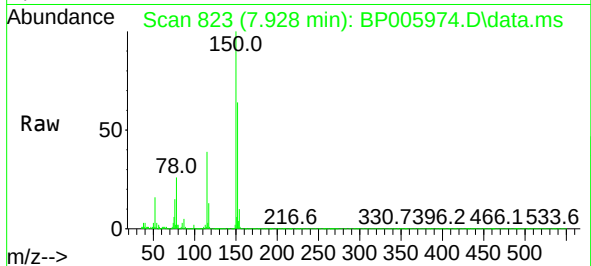




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.928 min Scan# 823  
Delta R.T. 0.000 min  
Lab File: BP005974.D  
Acq: 18 Jun 2021 16:33

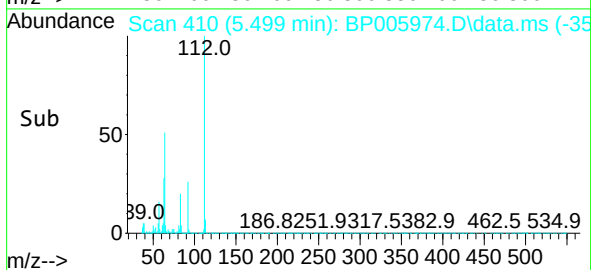
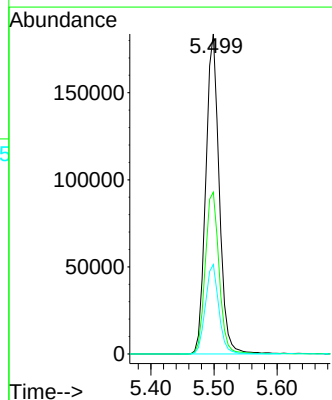
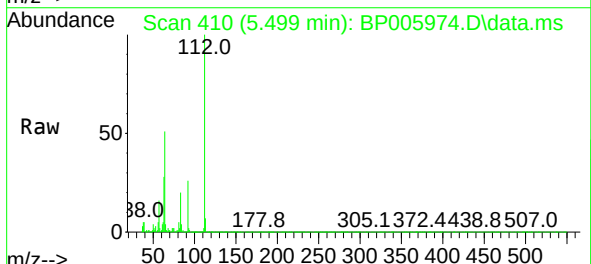
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BNA\_P  
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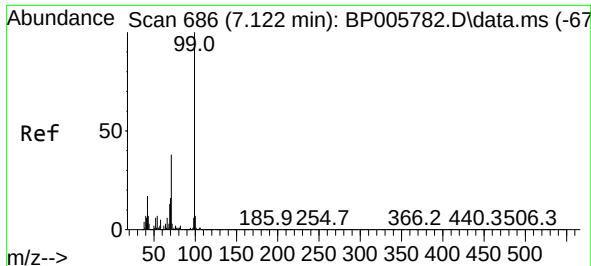
Tgt Ion:152 Resp: 65230  
Ion Ratio Lower Upper  
152 100  
150 157.2 125.6 188.4  
115 61.4 48.5 72.7



#5  
2-Fluorophenol  
Concen: 66.873 ng  
RT: 5.499 min Scan# 410  
Delta R.T. 0.000 min  
Lab File: BP005974.D  
Acq: 18 Jun 2021 16:33

Tgt Ion:112 Resp: 271847  
Ion Ratio Lower Upper  
112 100  
64 50.5 41.4 62.2  
63 28.0 23.8 35.8

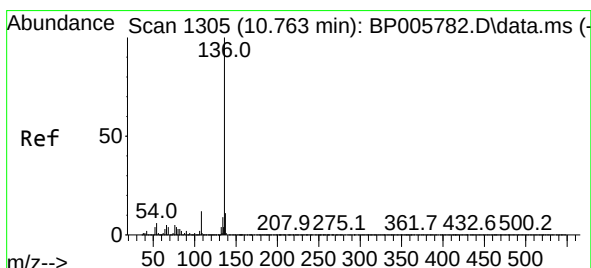
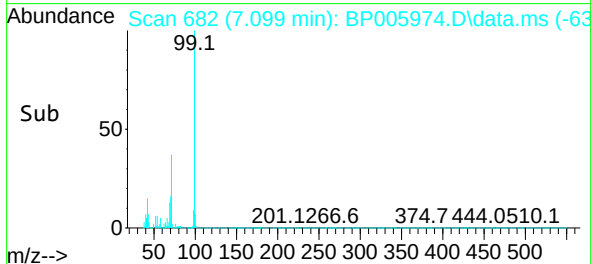
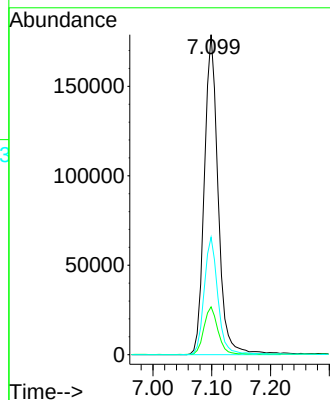
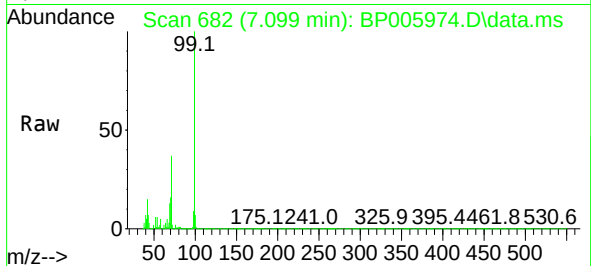




#7  
Phenol-d6  
Concen: 55.333 ng  
RT: 7.099 min Scan# 682  
Delta R.T. -0.006 min  
Lab File: BP005974.D  
Acq: 18 Jun 2021 16:33

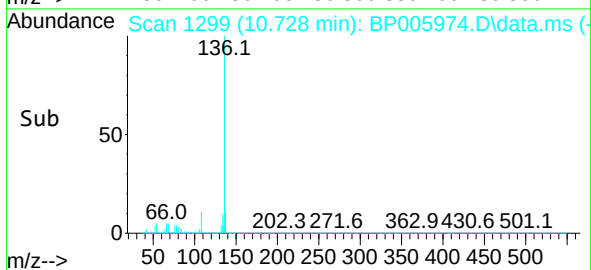
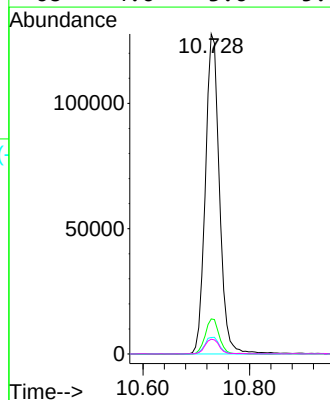
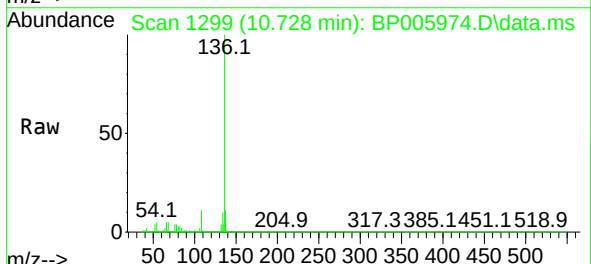
Instrument :  
BNA\_P  
ClientSampleId :  
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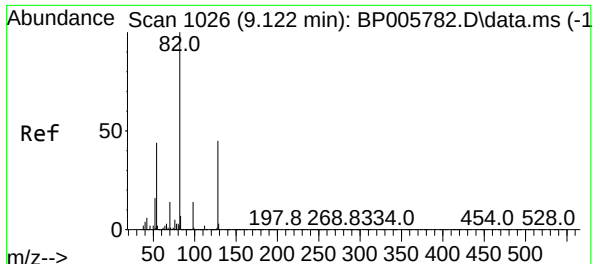
Tgt Ion: 99 Resp: 291548  
Ion Ratio Lower Upper  
99 100  
42 14.9 13.4 20.0  
71 36.7 30.6 46.0



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.728 min Scan# 1299  
Delta R.T. -0.006 min  
Lab File: BP005974.D  
Acq: 18 Jun 2021 16:33

Tgt Ion: 136 Resp: 233832  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.6 12.8  
54 5.1 4.6 6.8  
68 4.6 3.6 5.4

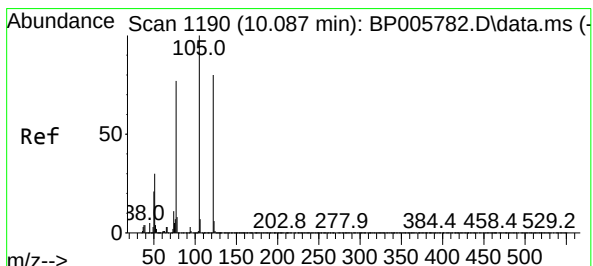
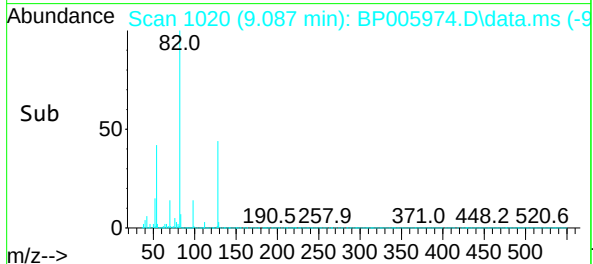
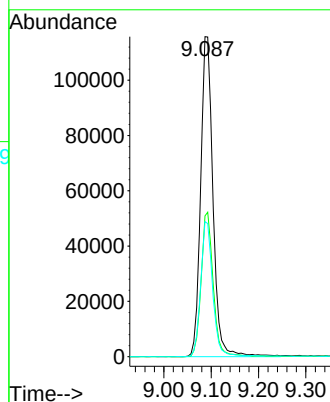
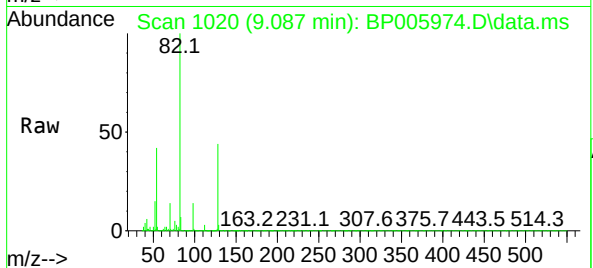




#23  
Nitrobenzene-d5  
Concen: 44.025 ng  
RT: 9.087 min Scan# 1020  
Delta R.T. -0.006 min  
Lab File: BP005974.D  
Acq: 18 Jun 2021 16:33

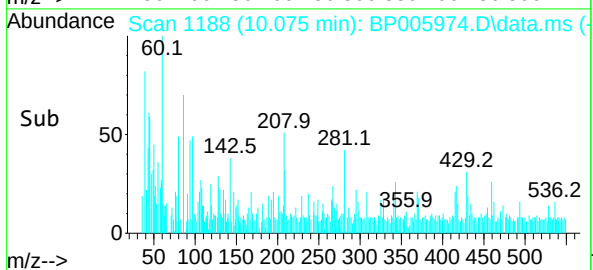
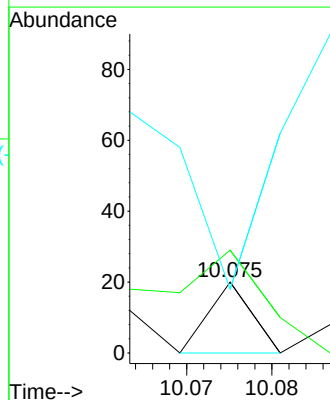
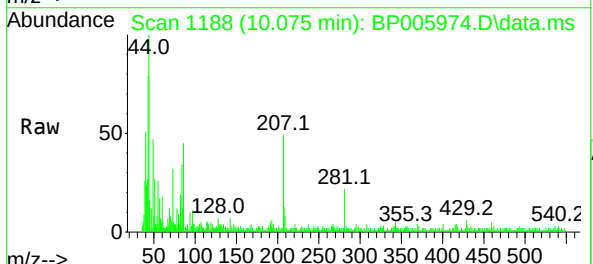
Instrument :  
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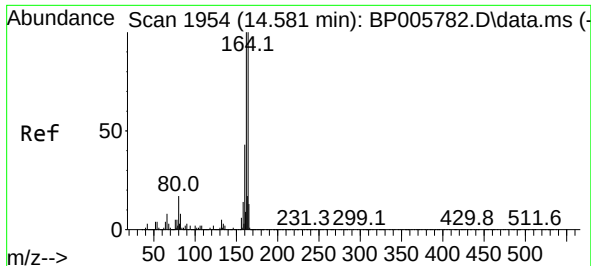
Tgt Ion: 82 Resp: 209974  
Ion Ratio Lower Upper  
82 100  
128 44.0 35.7 53.5  
54 42.2 35.0 52.4



#32  
Benzoic acid  
Concen: 6.322 ng  
RT: 10.075 min Scan# 1188  
Delta R.T. -0.006 min  
Lab File: BP005974.D  
Acq: 18 Jun 2021 16:33

Tgt Ion: 122 Resp: 7  
Ion Ratio Lower Upper  
122 100  
105 145.0 103.2 143.2#  
77 90.0 76.2 116.2

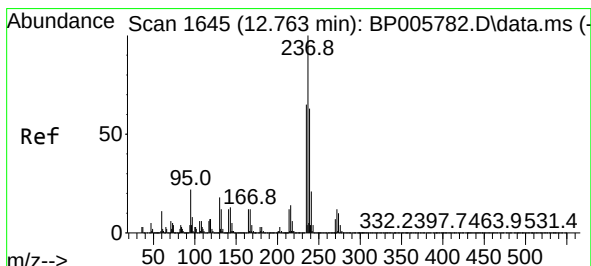
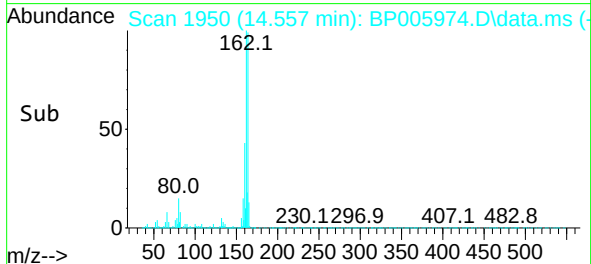
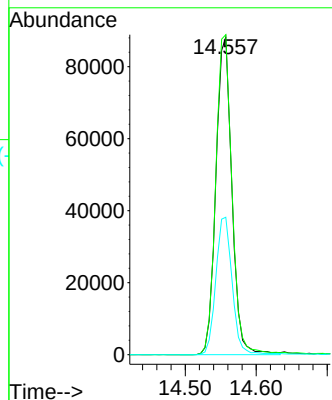
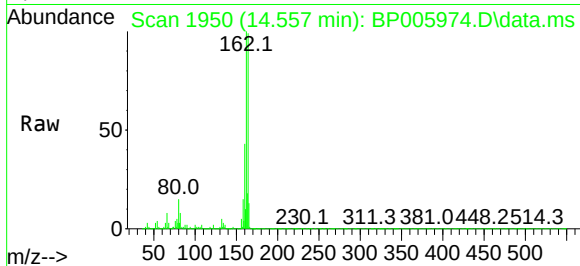




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.557 min Scan# 1950  
Delta R.T. 0.000 min  
Lab File: BP005974.D  
Acq: 18 Jun 2021 16:33

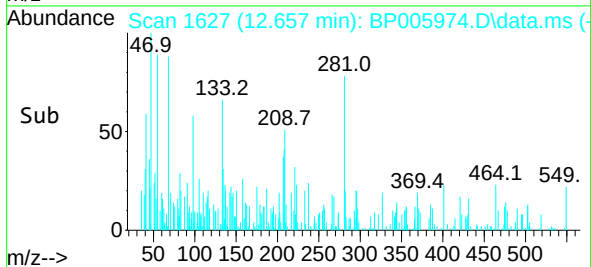
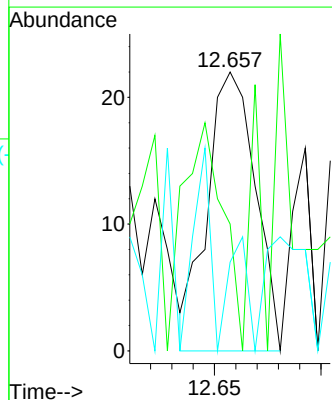
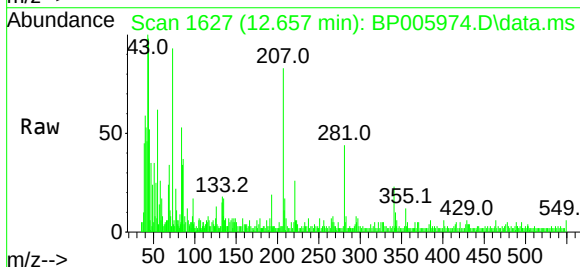
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BNA\_P  
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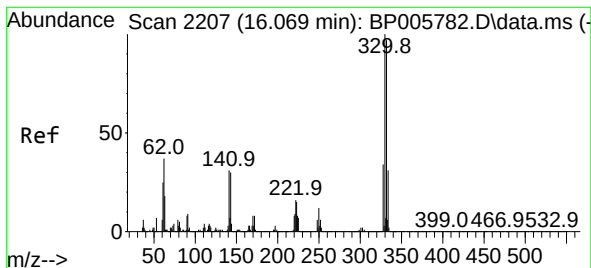
Tgt Ion:164 Resp: 137400  
Ion Ratio Lower Upper  
164 100  
162 100.7 80.2 120.2  
160 43.3 34.5 51.7



#41  
Hexachlorocyclopentadiene  
Concen: 5.517 ng  
RT: 12.657 min Scan# 1627  
Delta R.T. -0.076 min  
Lab File: BP005974.D  
Acq: 18 Jun 2021 16:33

Tgt Ion:237 Resp: 35  
Ion Ratio Lower Upper  
237 100  
235 45.5 44.5 84.5  
272 31.8 0.0 32.5

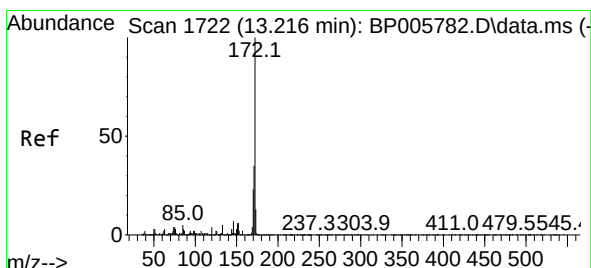
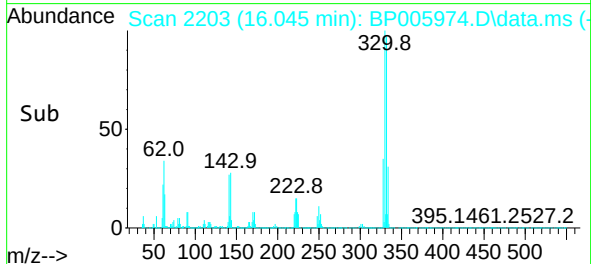
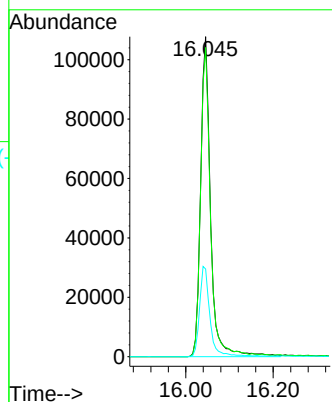
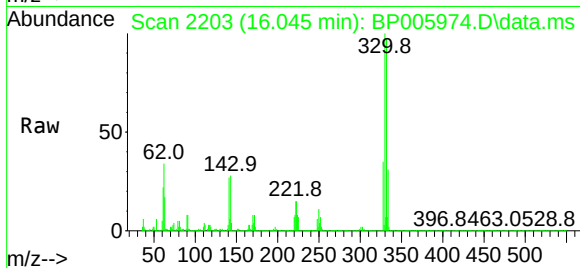




#42  
2,4,6-Tribromophenol  
Concen: 72.547 ng  
RT: 16.045 min Scan# 2203  
Delta R.T. -0.006 min  
Lab File: BP005974.D  
Acq: 18 Jun 2021 16:33

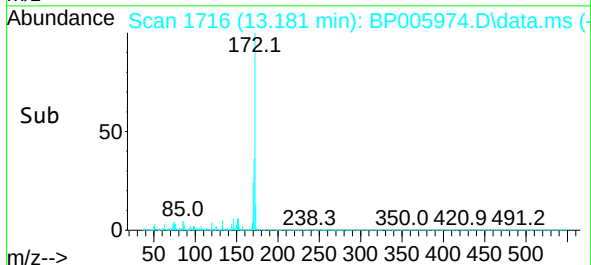
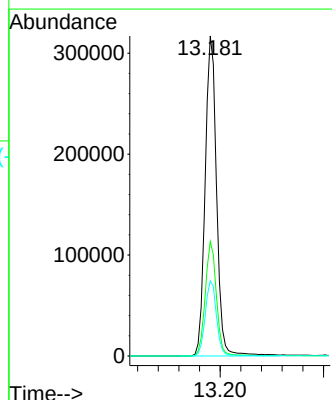
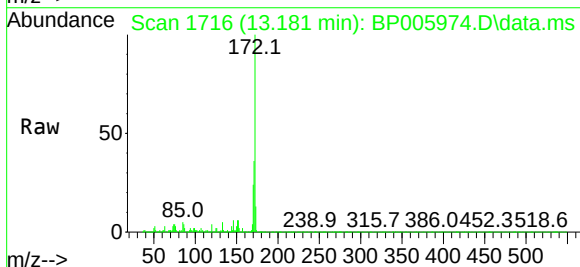
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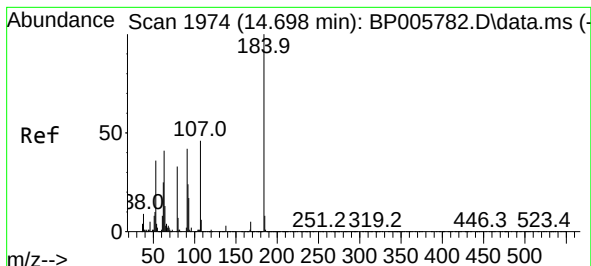
Tgt Ion:330 Resp: 171057  
Ion Ratio Lower Upper  
330 100  
332 95.8 77.8 116.8  
141 29.3 25.4 38.2



#45  
2-Fluorobiphenyl  
Concen: 46.497 ng  
RT: 13.181 min Scan# 1716  
Delta R.T. -0.006 min  
Lab File: BP005974.D  
Acq: 18 Jun 2021 16:33

Tgt Ion:172 Resp: 486520  
Ion Ratio Lower Upper  
172 100  
171 35.7 27.9 41.9  
170 23.5 18.6 27.8

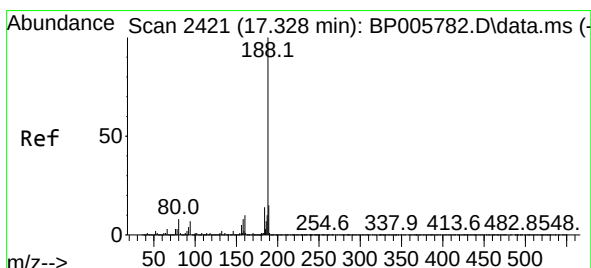
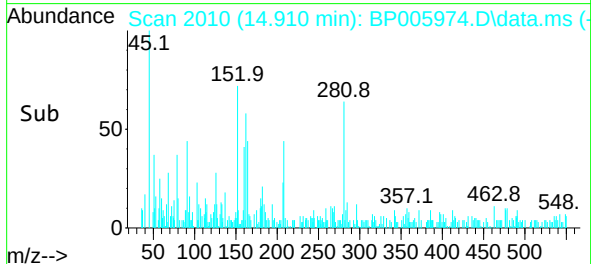
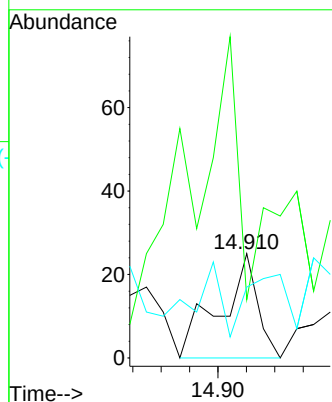
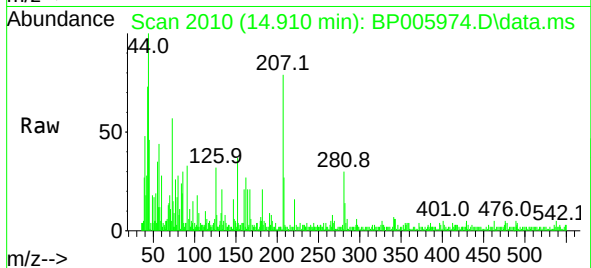




#54  
2,4-Dinitrophenol  
Concen: 4.863 ng  
RT: 14.910 min Scan# 2010  
Delta R.T. 0.230 min  
Lab File: BP005974.D  
Acq: 18 Jun 2021 16:33

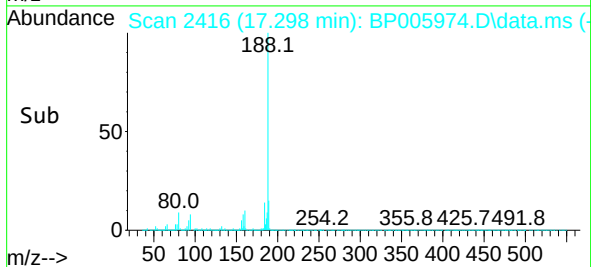
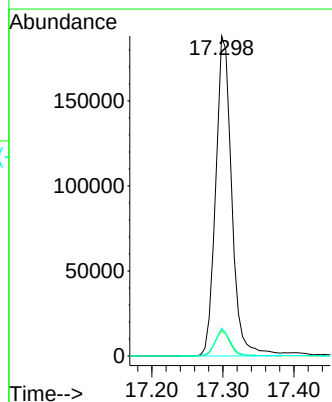
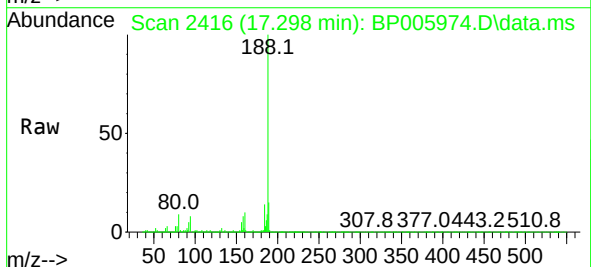
Instrument :  
BNA\_P  
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Tgt Ion:184 Resp: 23  
Ion Ratio Lower Upper  
184 100  
63 56.0 47.0 70.6  
154 68.0 52.3 78.5

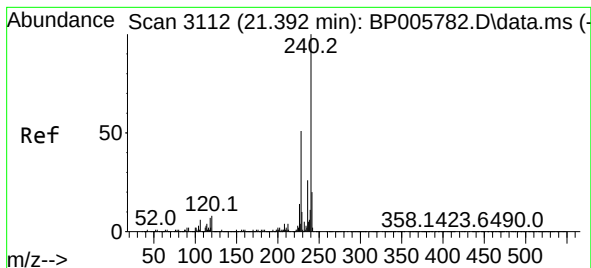


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.298 min Scan# 2416  
Delta R.T. -0.006 min  
Lab File: BP005974.D  
Acq: 18 Jun 2021 16:33

Tgt Ion:188 Resp: 294572  
Ion Ratio Lower Upper  
188 100  
94 8.0 5.6 8.4  
80 8.8 6.3 9.5







#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.374 min Scan# 3109

Delta R.T. -0.006 min

Lab File: BP005974.D

Acq: 18 Jun 2021 16:33

Instrument :

BNA\_P

ClientSampleId :

DUP-03

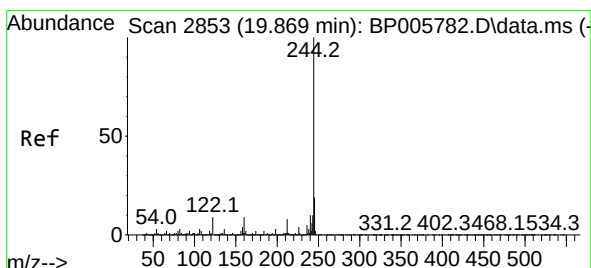
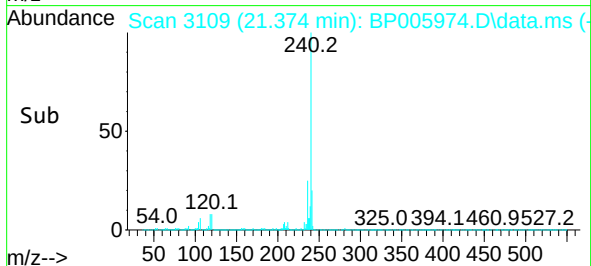
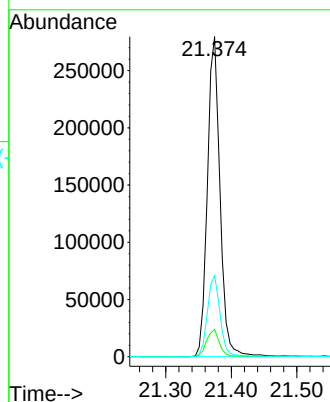
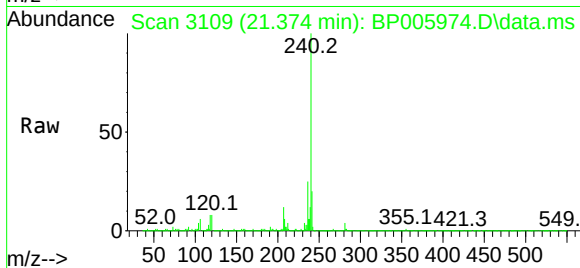
Tgt Ion:240 Resp: 374820

Ion Ratio Lower Upper

240 100

120 8.5 6.5 9.7

236 25.3 20.6 31.0



#79

Terphenyl-d14

Concen: 47.624 ng

RT: 19.845 min Scan# 2849

Delta R.T. -0.012 min

Lab File: BP005974.D

Acq: 18 Jun 2021 16:33

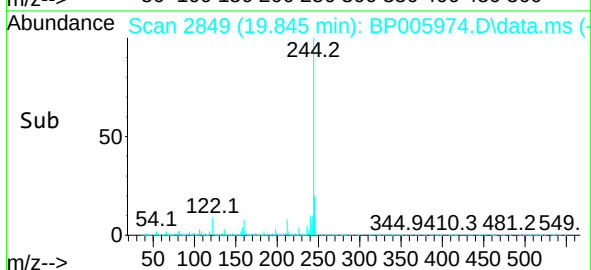
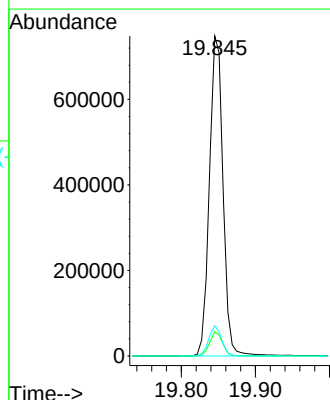
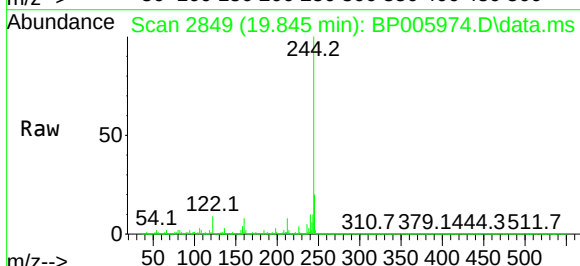
Tgt Ion:244 Resp: 953302

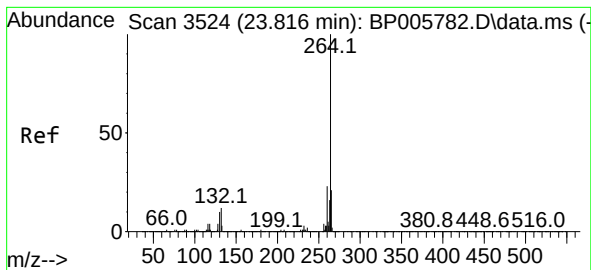
Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

122 9.5 7.1 10.7





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.780 min Scan# 3518  
 Delta R.T. -0.012 min  
 Lab File: BP005974.D  
 Acq: 18 Jun 2021 16:33

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DUP-03

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 264   | Resp: | 442668 |
| Ion Ratio | Lower | Upper |        |
| 264       | 100   |       |        |
| 260       | 23.3  | 18.6  | 28.0   |
| 265       | 22.5  | 17.6  | 26.4   |

