

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP020822\  
 Data File : BP009063.D  
 Acq On : 08 Feb 2022 17:45  
 Operator : CG/JU  
 Sample : N1421-04  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SB-4

Quant Time: Feb 09 00:26:43 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP020722.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Feb 07 15:13:17 2022  
 Response via : Initial Calibration

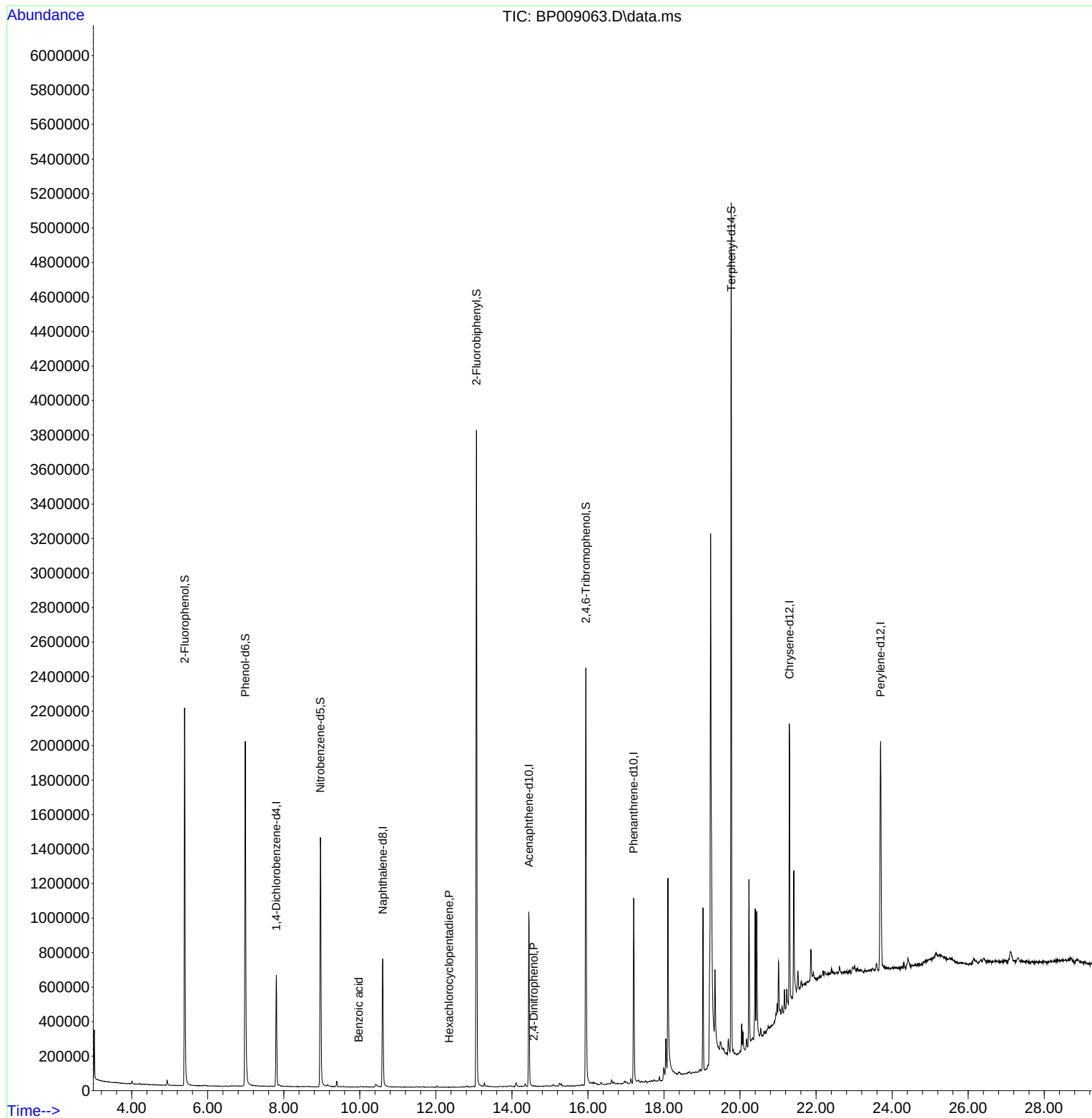
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.804  | 152  | 198127   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.604 | 136  | 716204   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.445 | 164  | 391776   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.204 | 188  | 700684   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.298 | 240  | 811506   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 23.698 | 264  | 1054574  | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.393  | 112  | 1062648  | 95.674  | ng    | 0.00     |
| 7) Phenol-d6                  | 6.987  | 99   | 1328752  | 90.791  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.963  | 82   | 936536   | 73.743  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.945 | 330  | 559344   | 106.930 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.069 | 172  | 2127405  | 76.016  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.769 | 244  | 2417538  | 53.574  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
| 32) Benzoic acid              | 9.975  | 122  | 75       | 2.700   | ng    | # 1      |
| 41) Hexachlorocyclopentadiene | 12.345 | 237  | 14       | 8.659   | ng    | 88       |
| 54) 2,4-Dinitrophenol         | 14.575 | 184  | 58       | 2.190   | ng    | # 1      |
| -----                         |        |      |          |         |       |          |

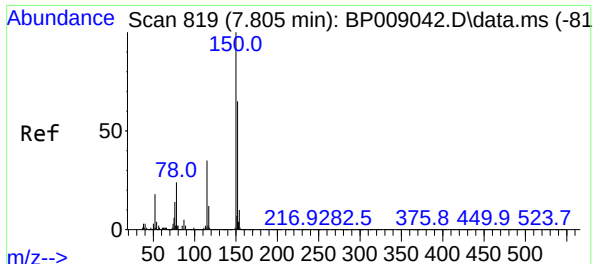
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP020822\  
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Sample : N1421-04  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
SB-4

Quant Time: Feb 09 00:26:43 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP020722.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Feb 07 15:13:17 2022  
Response via : Initial Calibration

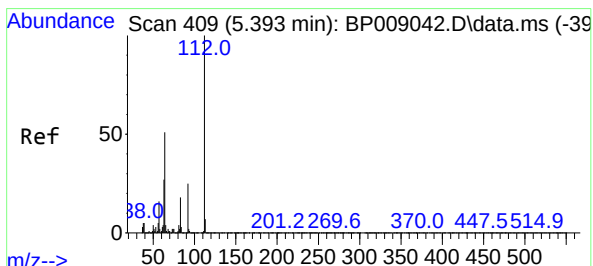
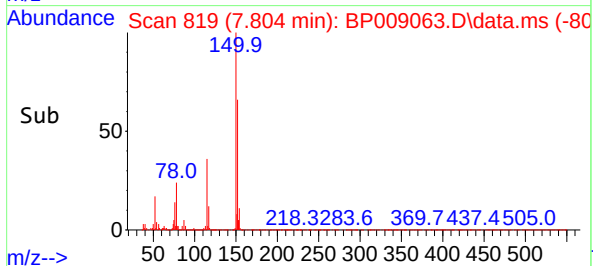
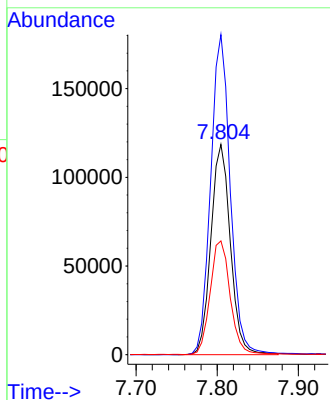
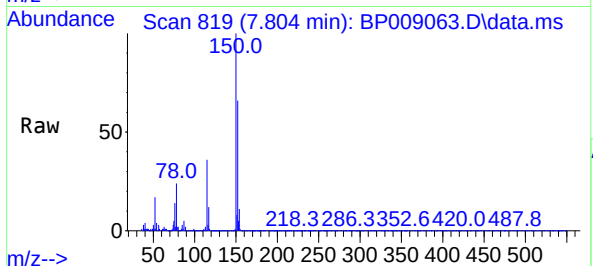




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.804 min Scan# 819  
Delta R.T. -0.001 min  
Lab File: BP009063.D  
Acq: 08 Feb 2022 17:45

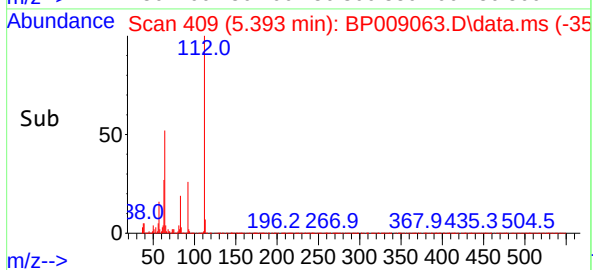
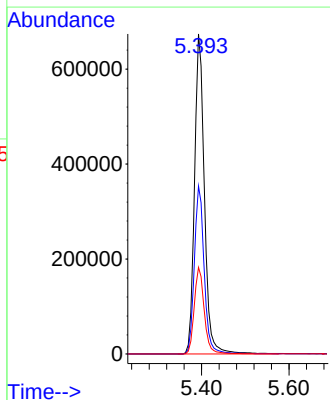
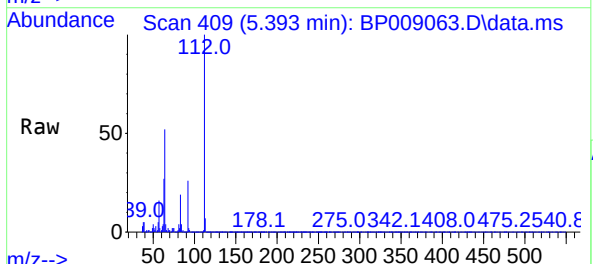
Instrument :  
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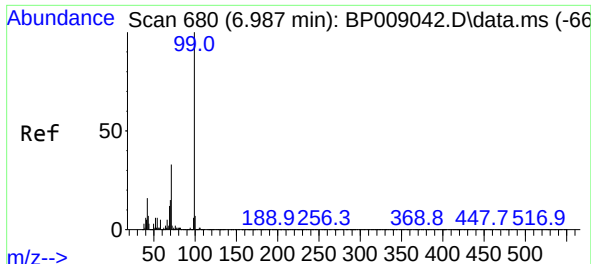
Tgt Ion:152 Resp: 198127  
Ion Ratio Lower Upper  
152 100  
150 152.2 127.0 190.6  
115 54.1 43.7 65.5



#5  
2-Fluorophenol  
Concen: 95.674 ng  
RT: 5.393 min Scan# 409  
Delta R.T. -0.000 min  
Lab File: BP009063.D  
Acq: 08 Feb 2022 17:45

Tgt Ion:112 Resp: 1062648  
Ion Ratio Lower Upper  
112 100  
64 52.5 39.7 59.5  
63 27.0 20.0 30.0



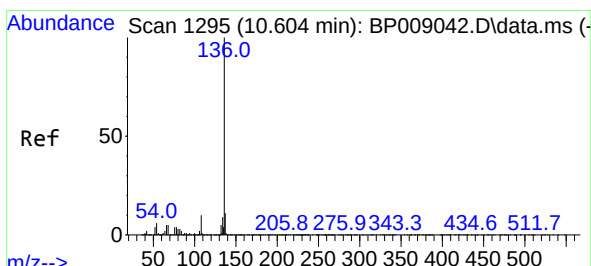
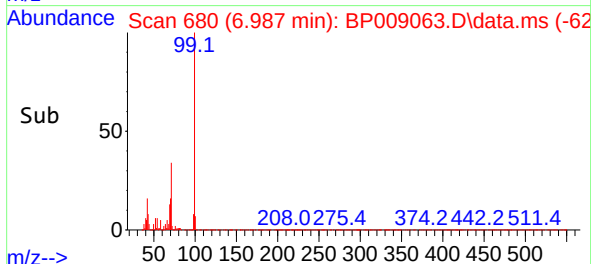
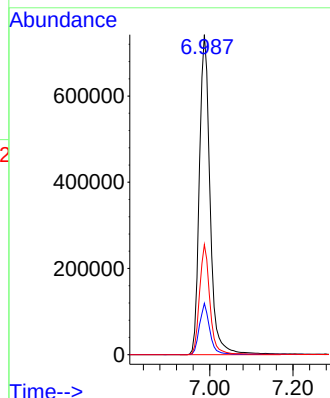
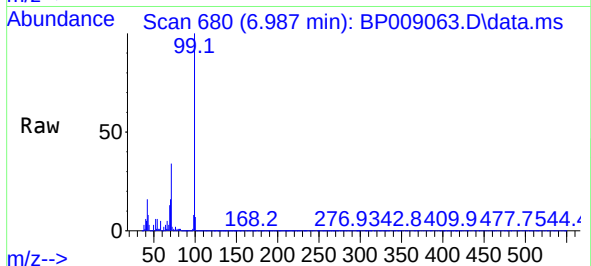


#7  
Phenol-d6  
Concen: 90.791 ng  
RT: 6.987 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BP009063.D  
Acq: 08 Feb 2022 17:45

Instrument :  
BNA\_P  
ClientSampleId :  
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Tgt Ion: 99 Resp: 1328752

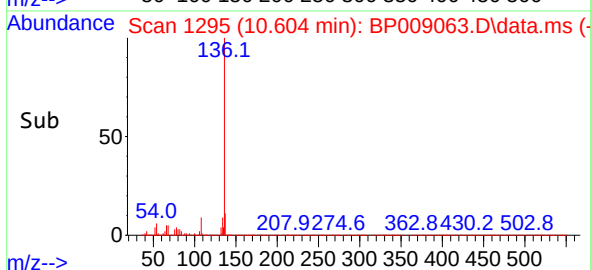
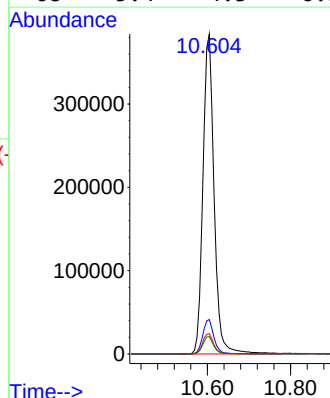
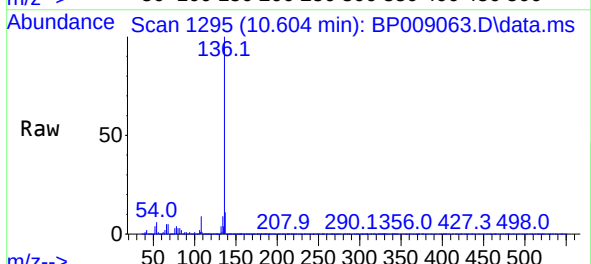
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 16.1  | 10.8  | 16.2  |
| 71  | 34.4  | 23.8  | 35.6  |

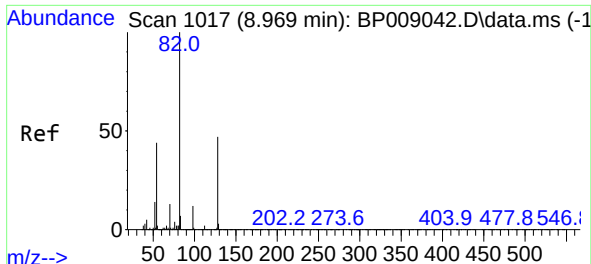


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.604 min Scan# 1295  
Delta R.T. 0.000 min  
Lab File: BP009063.D  
Acq: 08 Feb 2022 17:45

Tgt Ion: 136 Resp: 716204

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.8  | 9.0   | 13.4  |
| 54  | 6.4   | 4.9   | 7.3   |
| 68  | 5.4   | 4.3   | 6.5   |

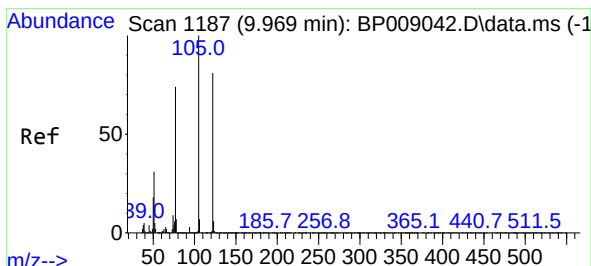
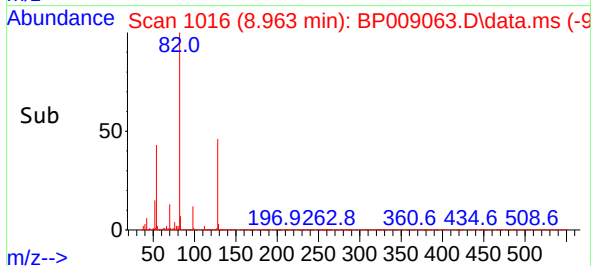
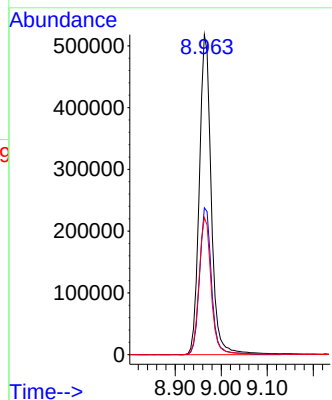
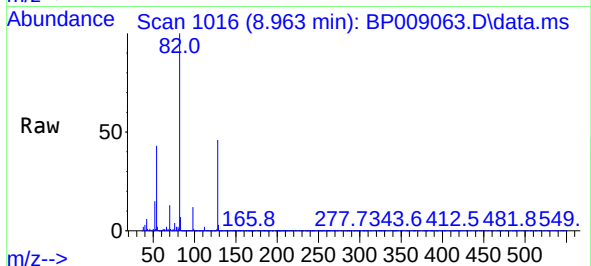




#23  
Nitrobenzene-d5  
Concen: 73.743 ng  
RT: 8.963 min Scan# 1017  
Delta R.T. -0.006 min  
Lab File: BP009063.D  
Acq: 08 Feb 2022 17:45

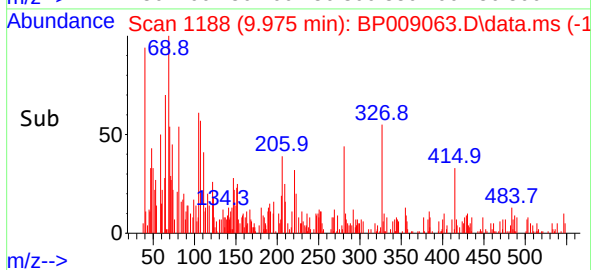
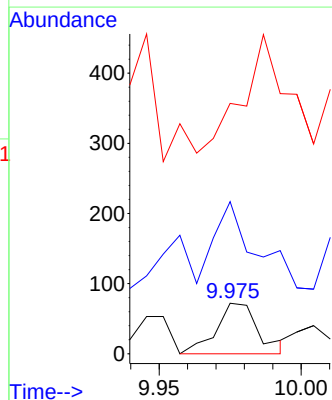
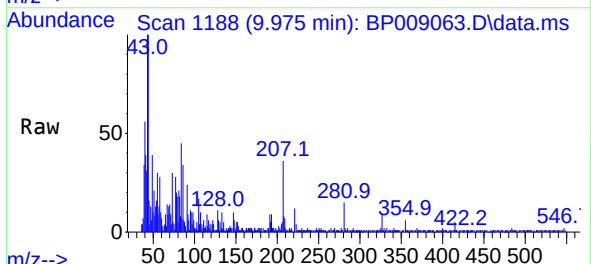
Instrument :  
BNA\_P  
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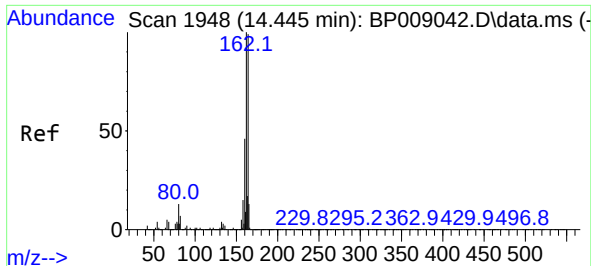
Tgt Ion: 82 Resp: 936536  
Ion Ratio Lower Upper  
82 100  
128 45.9 39.4 59.2  
54 42.8 32.6 48.8



#32  
Benzoic acid  
Concen: 2.700 ng  
RT: 9.975 min Scan# 1188  
Delta R.T. 0.006 min  
Lab File: BP009063.D  
Acq: 08 Feb 2022 17:45

Tgt Ion: 122 Resp: 75  
Ion Ratio Lower Upper  
122 100  
105 301.4 100.1 140.1#  
77 495.8 65.5 105.5#

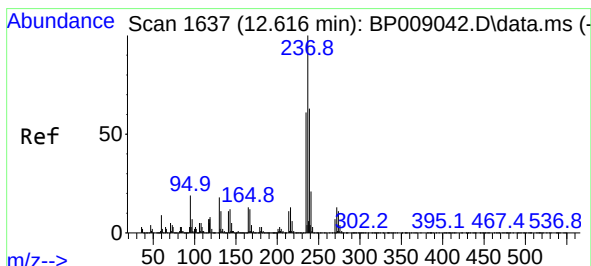
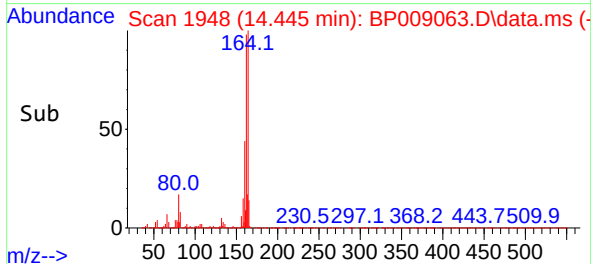
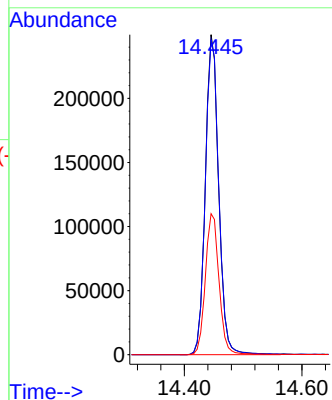
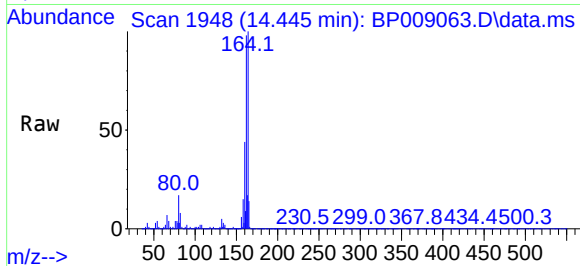




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.445 min Scan# 1591  
Delta R.T. 0.000 min  
Lab File: BP009063.D  
Acq: 08 Feb 2022 17:45

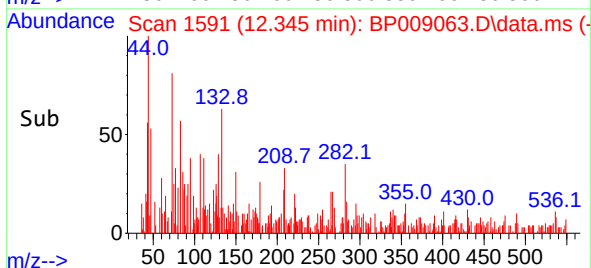
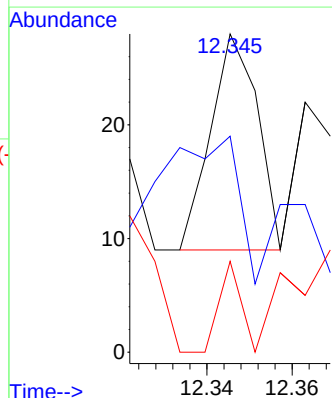
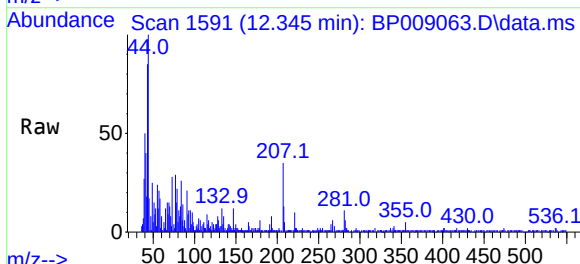
Instrument :  
BNA\_P  
ClientSampleId :  
SB-4

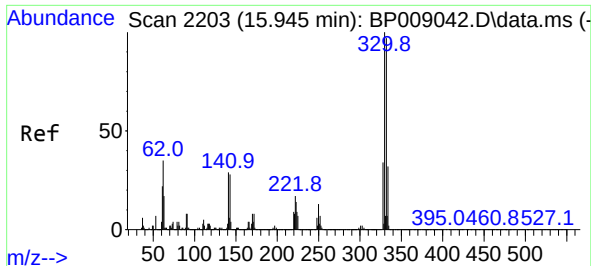
Tgt Ion:164 Resp: 391776  
Ion Ratio Lower Upper  
164 100  
162 98.4 79.9 119.9  
160 44.1 35.5 53.3



#41  
Hexachlorocyclopentadiene  
Concen: 8.659 ng  
RT: 12.345 min Scan# 1591  
Delta R.T. -0.271 min  
Lab File: BP009063.D  
Acq: 08 Feb 2022 17:45

Tgt Ion:237 Resp: 14  
Ion Ratio Lower Upper  
237 100  
235 67.9 42.9 82.9  
272 28.6 0.0 33.8

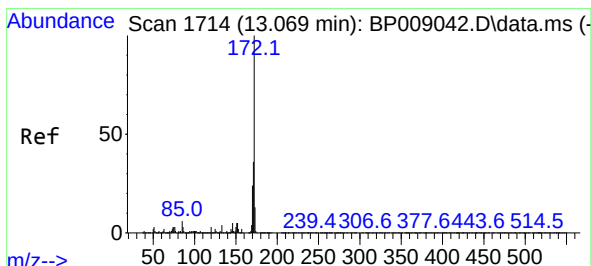
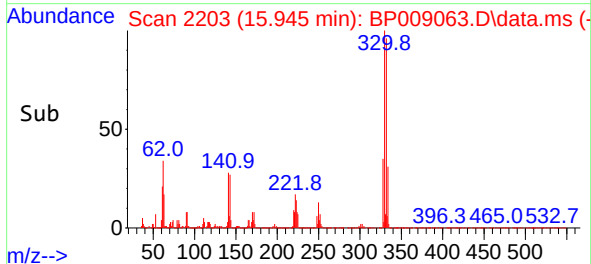
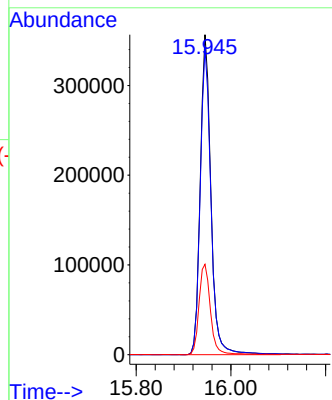
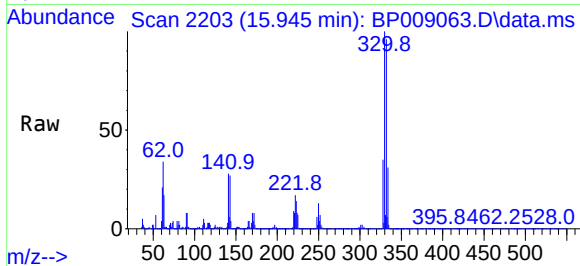




#42  
2,4,6-Tribromophenol  
Concen: 106.930 ng  
RT: 15.945 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BP009063.D  
Acq: 08 Feb 2022 17:45

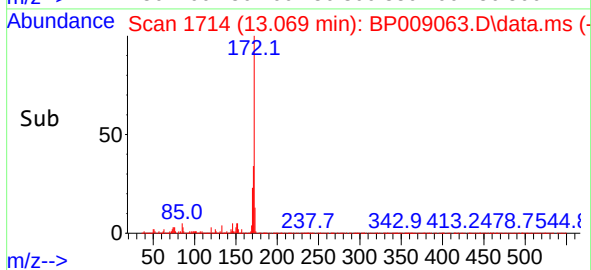
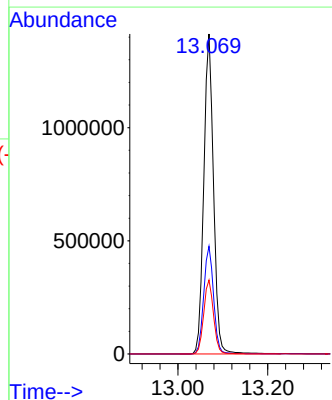
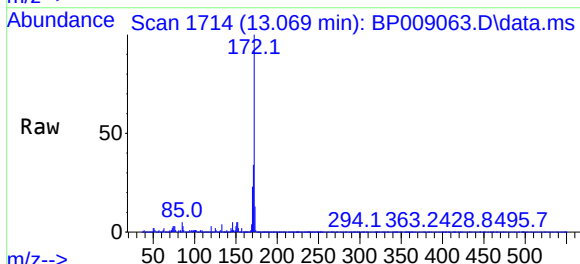
Instrument :  
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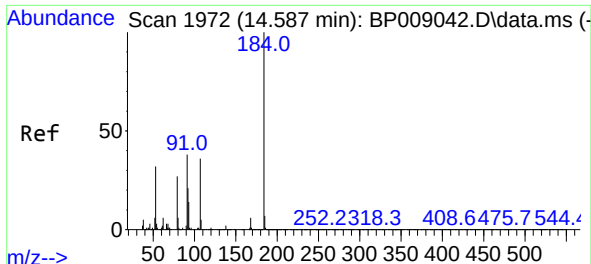
Tgt Ion:330 Resp: 559344  
Ion Ratio Lower Upper  
330 100  
332 96.8 77.0 115.4  
141 30.2 21.3 31.9



#45  
2-Fluorobiphenyl  
Concen: 76.016 ng  
RT: 13.069 min Scan# 1714  
Delta R.T. -0.000 min  
Lab File: BP009063.D  
Acq: 08 Feb 2022 17:45

Tgt Ion:172 Resp: 2127405  
Ion Ratio Lower Upper  
172 100  
171 33.6 29.3 43.9  
170 23.1 19.5 29.3

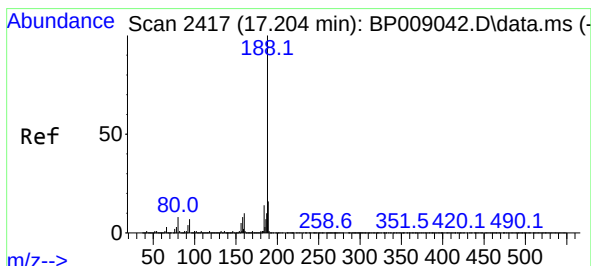
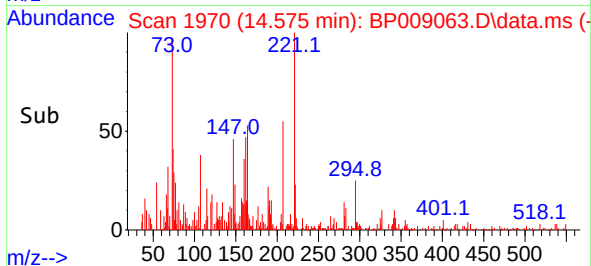
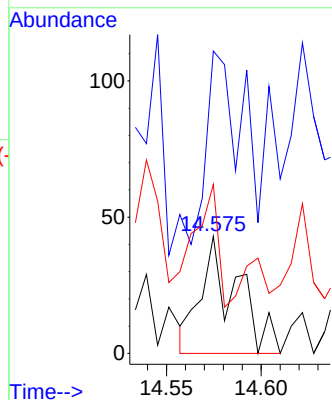
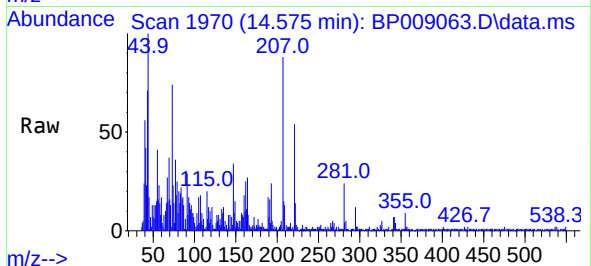




#54  
2,4-Dinitrophenol  
Concen: 2.190 ng  
RT: 14.575 min Scan# 1972  
Delta R.T. -0.012 min  
Lab File: BP009063.D  
Acq: 08 Feb 2022 17:45

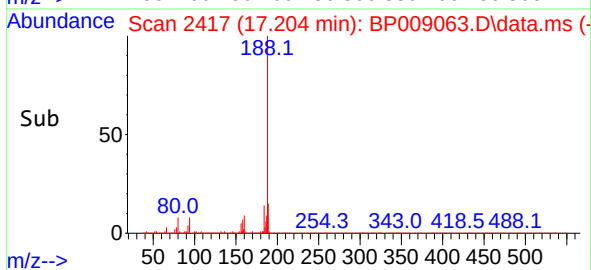
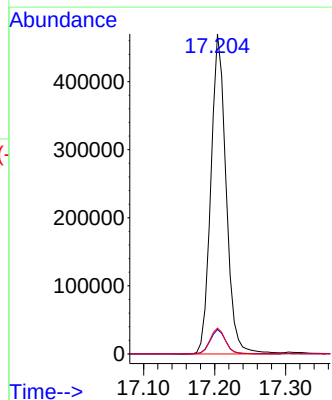
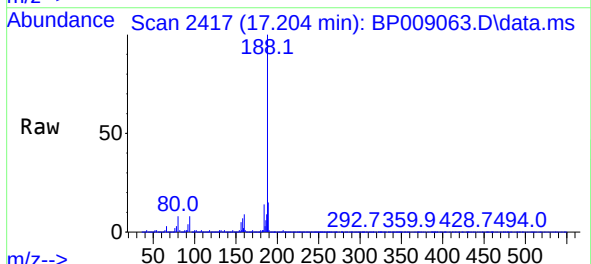
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Tgt Ion:184 Resp: 58  
Ion Ratio Lower Upper  
184 100  
63 258.1 35.6 53.4#  
154 144.2 43.4 65.0#

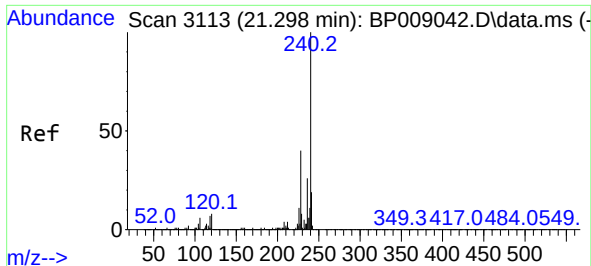


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.204 min Scan# 2417  
Delta R.T. -0.000 min  
Lab File: BP009063.D  
Acq: 08 Feb 2022 17:45

Tgt Ion:188 Resp: 700684  
Ion Ratio Lower Upper  
188 100  
94 7.6 6.8 10.2  
80 8.1 7.2 10.8



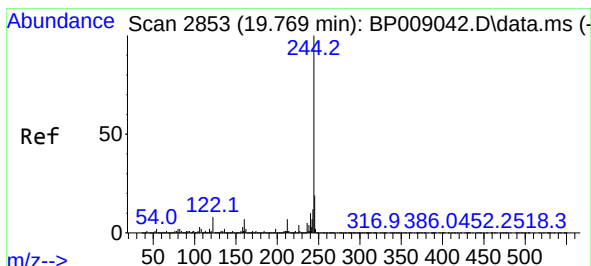
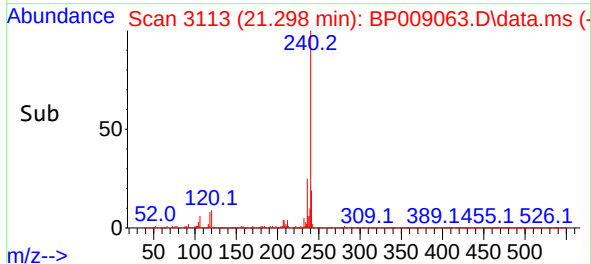
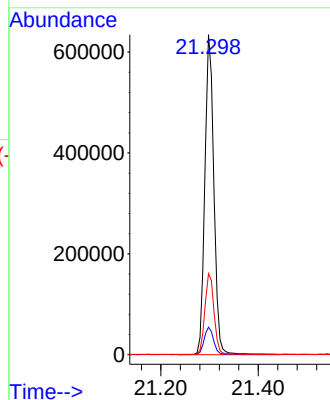
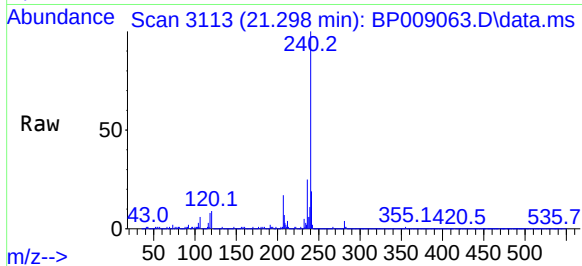




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.298 min Scan# 3113  
Delta R.T. -0.000 min  
Lab File: BP009063.D  
Acq: 08 Feb 2022 17:45

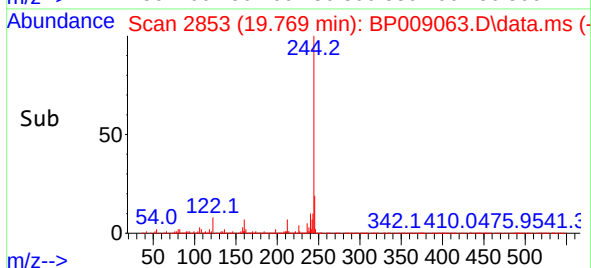
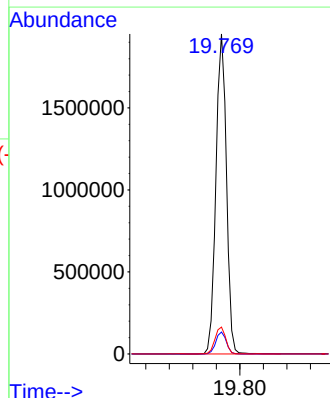
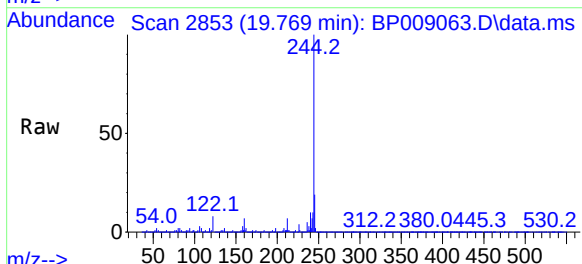
Instrument :  
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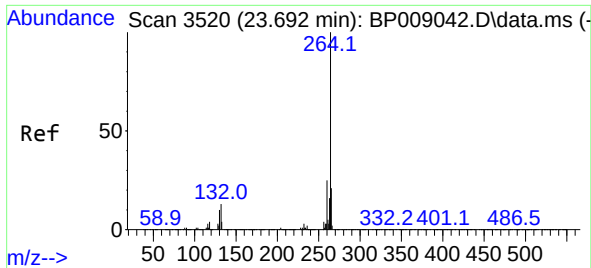
Tgt Ion:240 Resp: 811506  
Ion Ratio Lower Upper  
240 100  
120 8.6 7.7 11.5  
236 25.4 21.2 31.8



#79  
Terphenyl-d14  
Concen: 53.574 ng  
RT: 19.769 min Scan# 2853  
Delta R.T. -0.000 min  
Lab File: BP009063.D  
Acq: 08 Feb 2022 17:45

Tgt Ion:244 Resp: 2417538  
Ion Ratio Lower Upper  
244 100  
212 6.9 6.5 9.7  
122 8.4 9.2 13.8#





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.698 min Scan# 31  
 Delta R.T. 0.006 min  
 Lab File: BP009063.D  
 Acq: 08 Feb 2022 17:45

Instrument :  
 BNA\_P  
 ClientSampleId :  
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Tgt Ion:264 Resp: 1054574  
 Ion Ratio Lower Upper  
 264 100  
 260 24.9 19.1 28.7  
 265 21.9 17.1 25.7

