

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121521\  
 Data File : BP008430.D  
 Acq On : 16 Dec 2021 00:35  
 Operator : CG/JU  
 Sample : PB141409BL  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB141409BL

Quant Time: Dec 16 06:47:19 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP121421.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Dec 14 17:59:47 2021  
 Response via : Initial Calibration

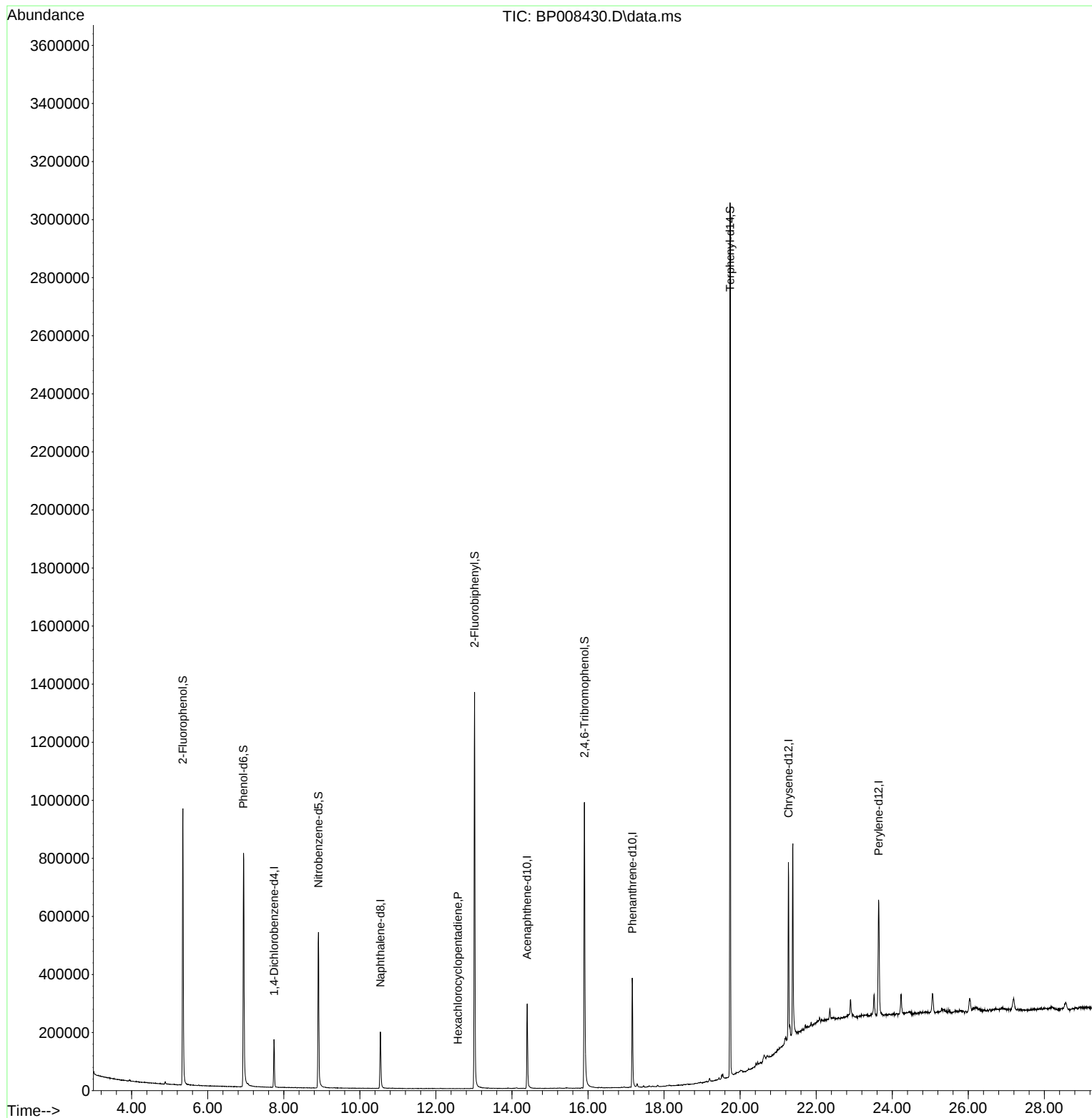
| Compound                      | R.T.   | QIon | Response | Conc      | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|-------|----------|
| -----                         |        |      |          |           |       |          |
| Internal Standards            |        |      |          |           |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.746  | 152  | 43620    | 20.000    | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.540 | 136  | 161334   | 20.000    | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.398 | 164  | 110705   | 20.000    | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.163 | 188  | 247044   | 20.000    | ng    | 0.00     |
| 76) Chrysene-d12              | 21.269 | 240  | 301061   | 20.000    | ng    | # 0.00   |
| 86) Perylene-d12              | 23.639 | 264  | 335957   | 20.000    | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |           |       |          |
| 5) 2-Fluorophenol             | 5.346  | 112  | 402560   | 145.745   | ng    | 0.00     |
| 7) Phenol-d6                  | 6.940  | 99   | 498009   | 134.246   | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.910  | 82   | 344446   | 90.448    | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.904 | 330  | 234092   | 143.889   | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.016 | 172  | 719344   | 82.600    | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.739 | 244  | 1427979  | 82.549    | ng    | 0.00     |
| Target Compounds              |        |      |          |           |       |          |
| 2) 1,4-Dioxane                | 3.252  | 88   | 230      | Below Cal | #     | 58       |
| 9) Benzaldehyde               | 6.940  | 77   | 1333     | Below Cal | #     | 13       |
| 41) Hexachlorocyclopentadiene | 12.581 | 237  | 19       | 8.666     | ng    | 82       |
| -----                         |        |      |          |           |       |          |

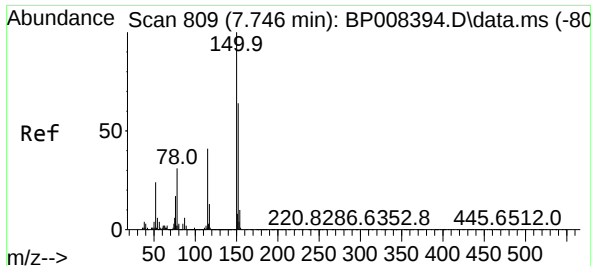
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121521\  
Data File : BP008430.D  
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ALS Vial : 21 Sample Multiplier: 1

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP121421.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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Response via : Initial Calibration

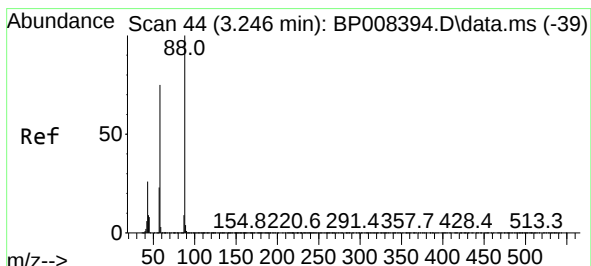
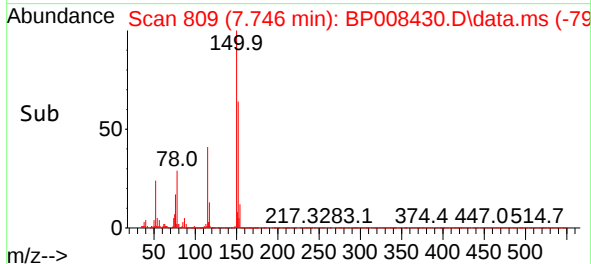
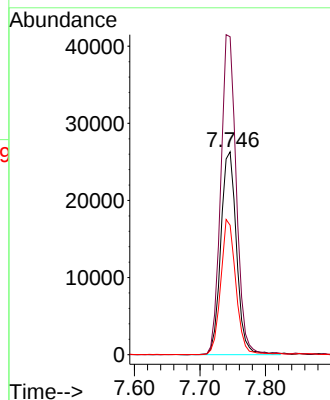
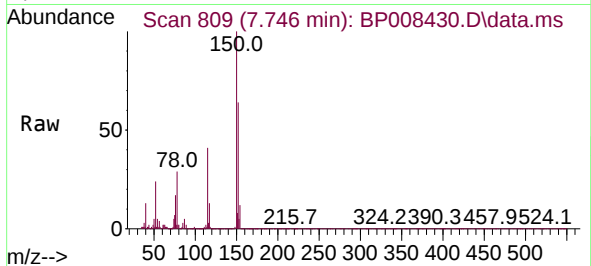




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.746 min Scan# 80  
Delta R.T. -0.000 min  
Lab File: BP008430.D  
Acq: 16 Dec 2021 00:35

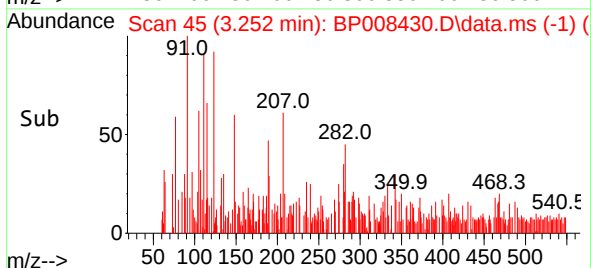
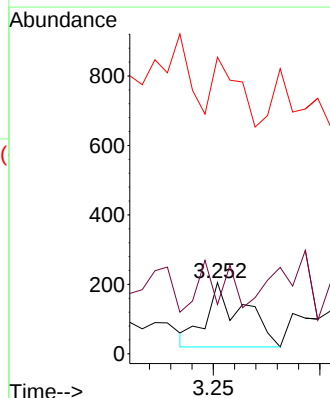
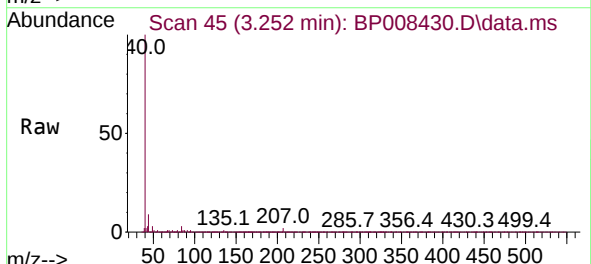
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BNA\_P  
ClientSampleId :  
PB141409BL

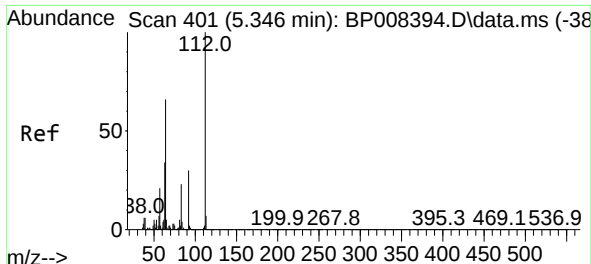
Tgt Ion:152 Resp: 43620  
Ion Ratio Lower Upper  
152 100  
150 156.7 125.7 188.5  
115 63.8 50.7 76.1



#2  
1,4-Dioxane  
Concen: Below Cal  
RT: 3.252 min Scan# 45  
Delta R.T. 0.006 min  
Lab File: BP008430.D  
Acq: 16 Dec 2021 00:35

Tgt Ion: 88 Resp: 230  
Ion Ratio Lower Upper  
88 100  
58 53.9 63.5 95.3#  
43 71.3 23.4 35.2#

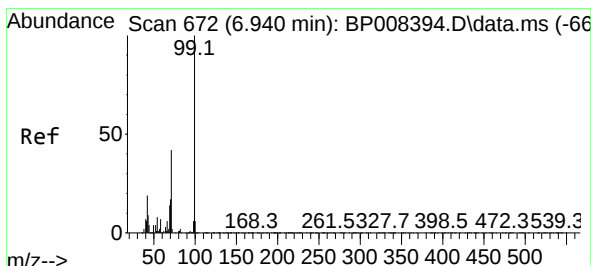
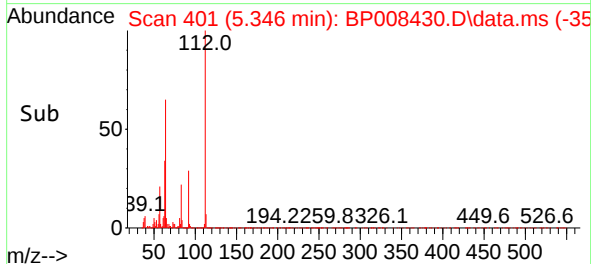
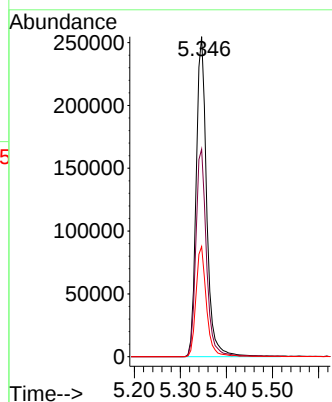
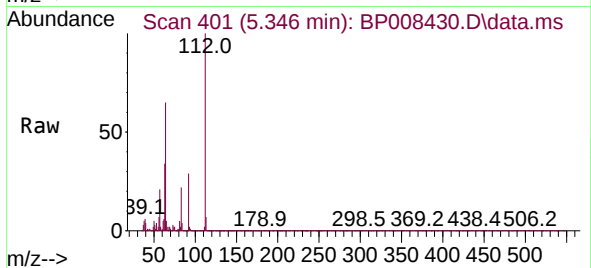




#5  
2-Fluorophenol  
Concen: 145.745 ng  
RT: 5.346 min Scan# 401  
Delta R.T. 0.000 min  
Lab File: BP008430.D  
Acq: 16 Dec 2021 00:35

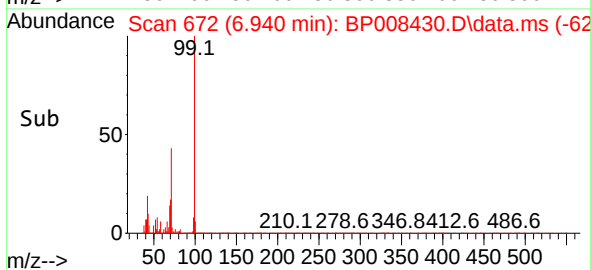
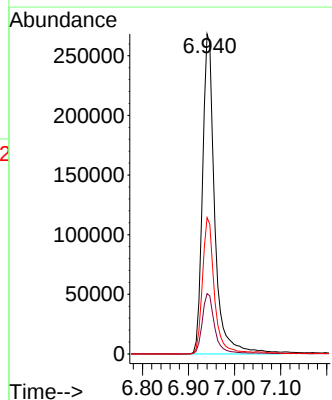
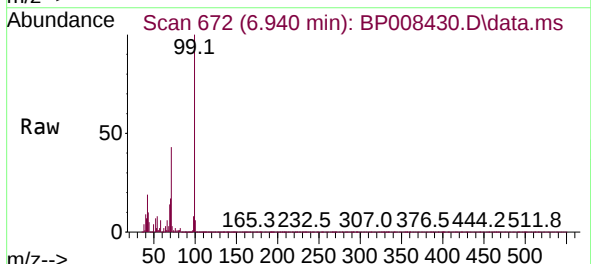
Instrument :  
BNA\_P  
ClientSampleId :  
PB141409BL

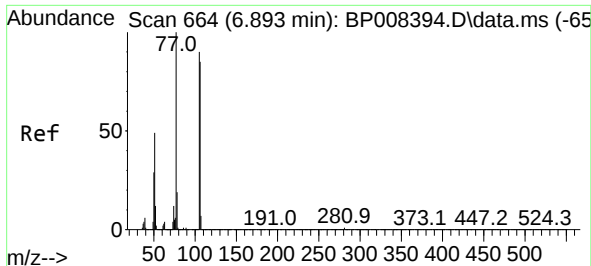
Tgt Ion:112 Resp: 402560  
Ion Ratio Lower Upper  
112 100  
64 64.8 53.4 80.2  
63 34.4 27.8 41.8



#7  
Phenol-d6  
Concen: 134.246 ng  
RT: 6.940 min Scan# 672  
Delta R.T. 0.000 min  
Lab File: BP008430.D  
Acq: 16 Dec 2021 00:35

Tgt Ion: 99 Resp: 498009  
Ion Ratio Lower Upper  
99 100  
42 18.8 14.6 22.0  
71 42.6 31.1 46.7

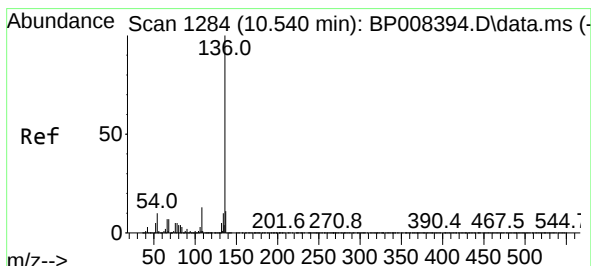
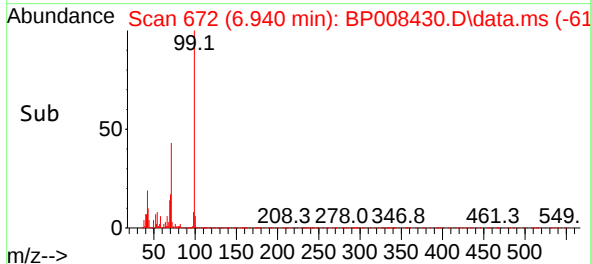
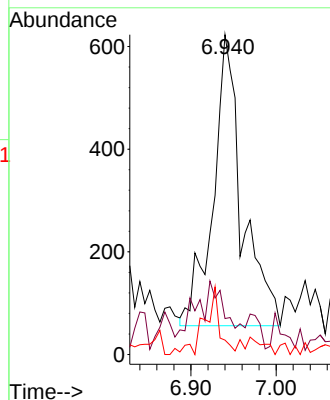
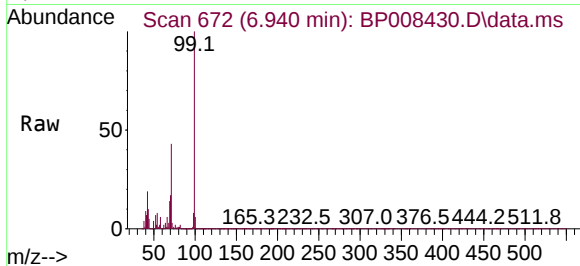




#9  
Benzaldehyde  
Concen: Below Cal  
RT: 6.940 min Scan# 61  
Delta R.T. 0.047 min  
Lab File: BP008430.D  
Acq: 16 Dec 2021 00:35

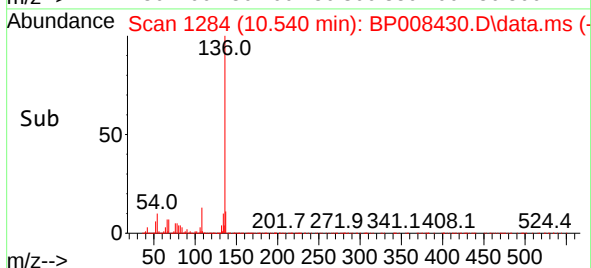
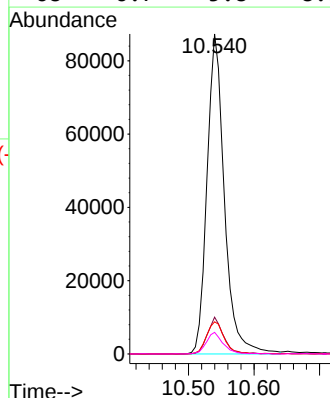
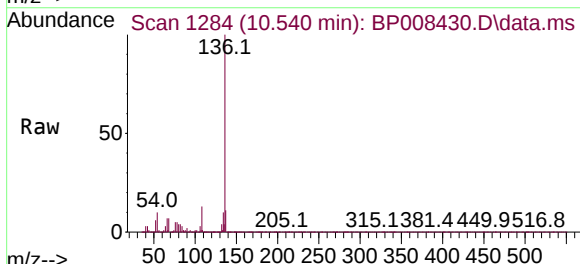
Instrument :  
BNA\_P  
ClientSampleId :  
PB141409BL

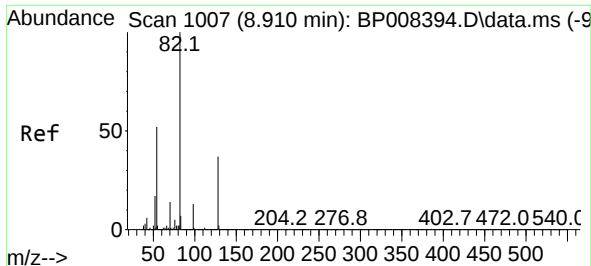
Tgt Ion: 77 Resp: 1333  
Ion Ratio Lower Upper  
77 100  
105 11.2 71.8 111.8#  
106 4.5 67.3 107.3#



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.540 min Scan# 1284  
Delta R.T. -0.000 min  
Lab File: BP008430.D  
Acq: 16 Dec 2021 00:35

Tgt Ion:136 Resp: 161334  
Ion Ratio Lower Upper  
136 100  
137 11.5 9.0 13.6  
54 10.1 8.2 12.4  
68 6.7 5.8 8.8

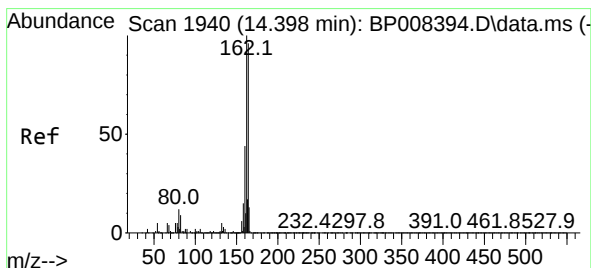
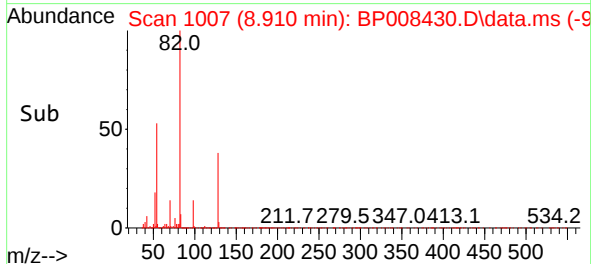
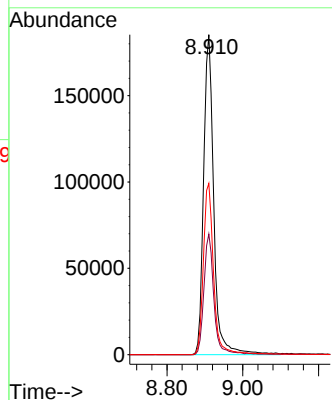
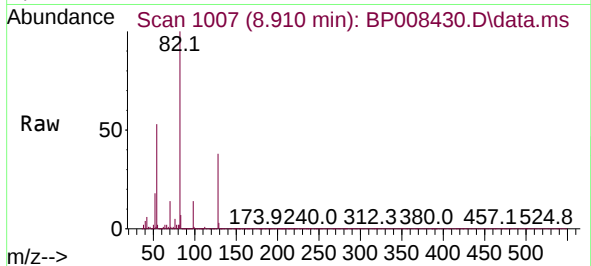




#23  
Nitrobenzene-d5  
Concen: 90.448 ng  
RT: 8.910 min Scan# 1007  
Delta R.T. 0.000 min  
Lab File: BP008430.D  
Acq: 16 Dec 2021 00:35

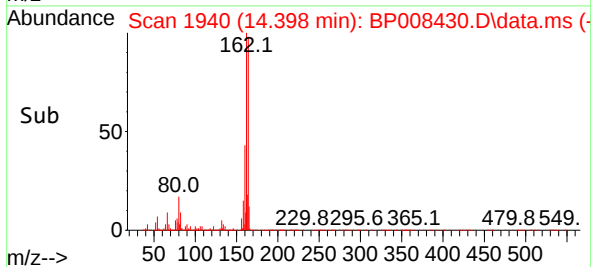
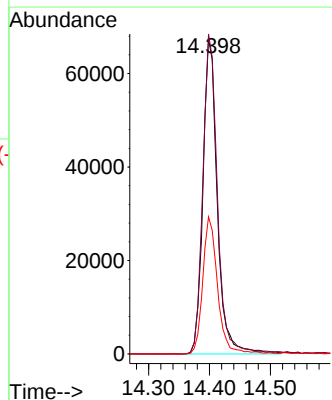
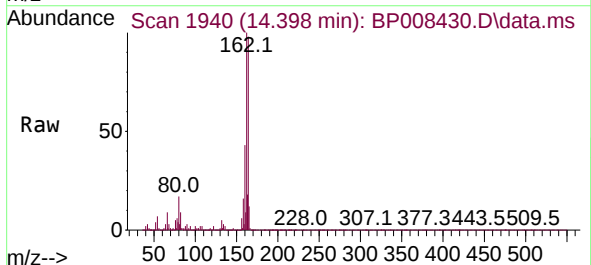
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ClientSampleId :  
PB141409BL

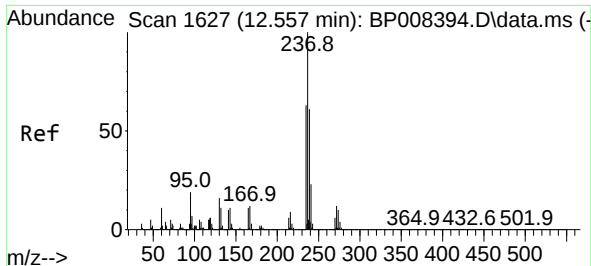
Tgt Ion: 82 Resp: 344446  
Ion Ratio Lower Upper  
82 100  
128 37.7 29.6 44.4  
54 53.5 42.7 64.1



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.398 min Scan# 1940  
Delta R.T. 0.000 min  
Lab File: BP008430.D  
Acq: 16 Dec 2021 00:35

Tgt Ion: 164 Resp: 110705  
Ion Ratio Lower Upper  
164 100  
162 101.6 81.9 122.9  
160 43.5 35.4 53.0

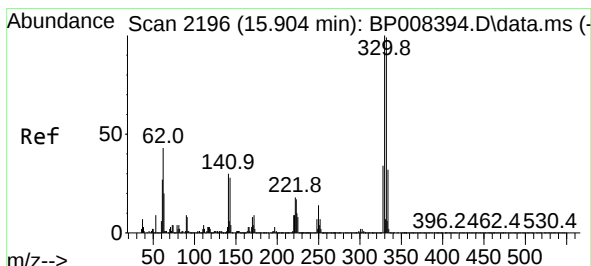
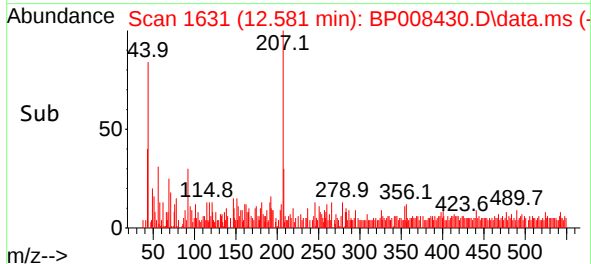
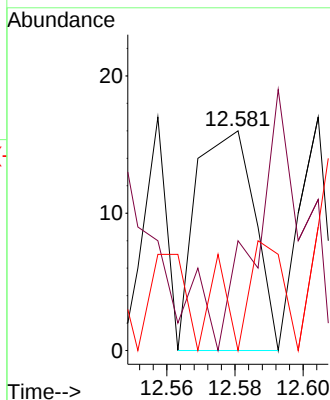
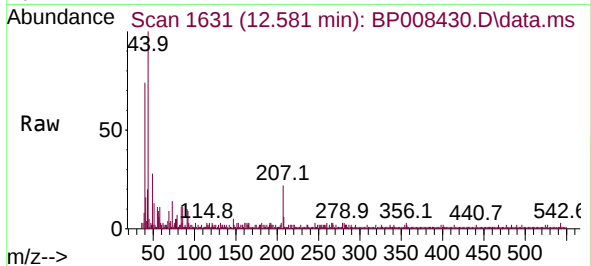




#41  
Hexachlorocyclopentadiene  
Concen: 8.666 ng  
RT: 12.581 min Scan# 1631  
Delta R.T. 0.024 min  
Lab File: BP008430.D  
Acq: 16 Dec 2021 00:35

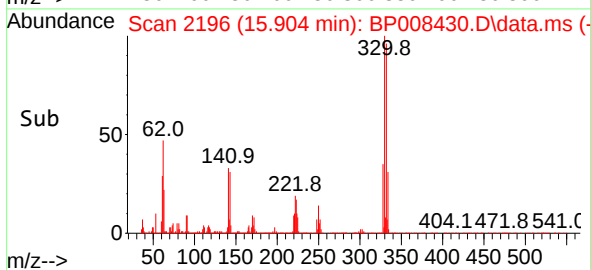
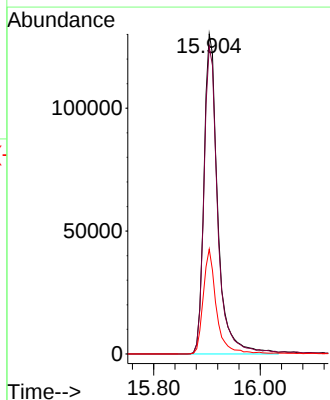
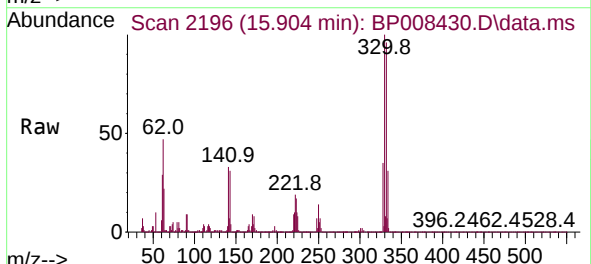
Instrument :  
BNA\_P  
ClientSampleId :  
PB141409BL

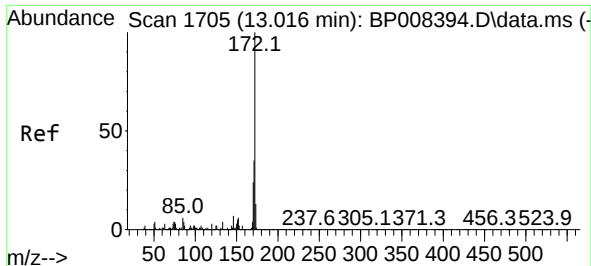
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|----------|-------|-------|-------|
| Tgt Ion: | 237   | Resp: | 19    |
| Ion      | Ratio | Lower | Upper |
| 237      | 100   |       |       |
| 235      | 50.0  | 42.3  | 82.3  |
| 272      | 0.0   | 0.0   | 32.2  |



#42  
2,4,6-Tribromophenol  
Concen: 143.889 ng  
RT: 15.904 min Scan# 2196  
Delta R.T. 0.000 min  
Lab File: BP008430.D  
Acq: 16 Dec 2021 00:35

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 330   | Resp: | 234092 |
| Ion      | Ratio | Lower | Upper  |
| 330      | 100   |       |        |
| 332      | 96.8  | 77.0  | 115.4  |
| 141      | 31.3  | 28.4  | 42.6   |

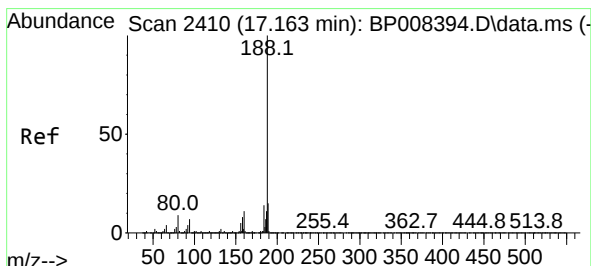
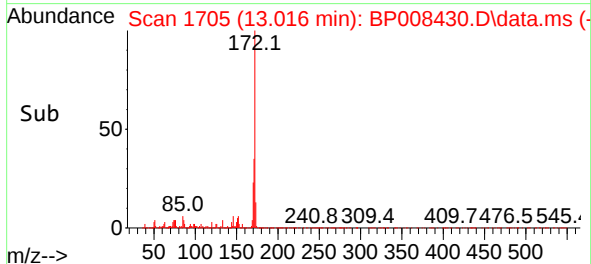
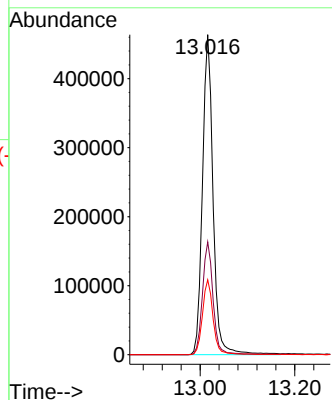
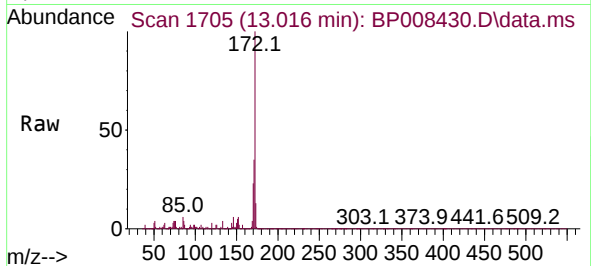




#45  
2-Fluorobiphenyl  
Concen: 82.600 ng  
RT: 13.016 min Scan# 1705  
Delta R.T. 0.000 min  
Lab File: BP008430.D  
Acq: 16 Dec 2021 00:35

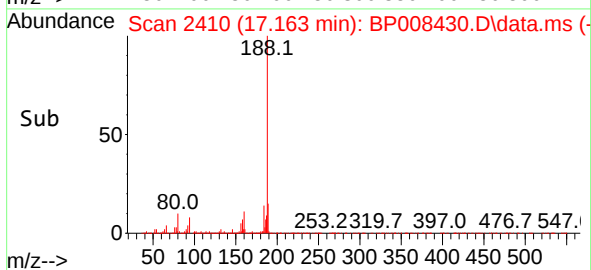
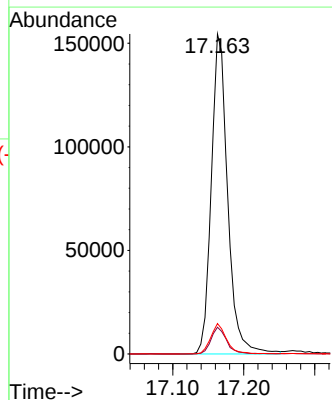
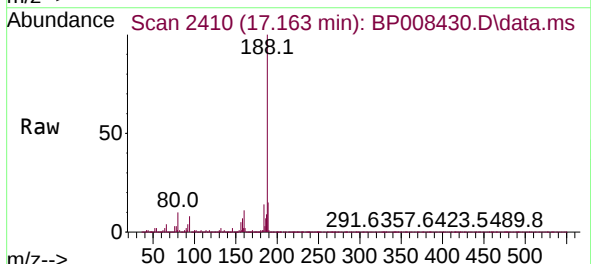
Instrument :  
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PB141409BL

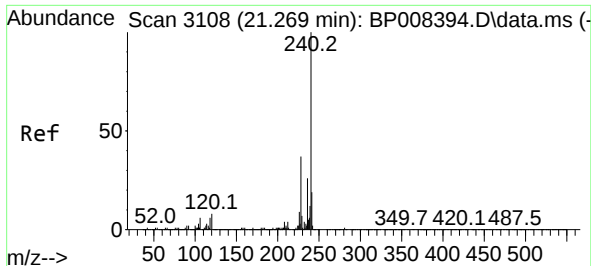
Tgt Ion:172 Resp: 719344  
Ion Ratio Lower Upper  
172 100  
171 35.2 28.0 42.0  
170 23.4 18.9 28.3



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.163 min Scan# 2410  
Delta R.T. 0.000 min  
Lab File: BP008430.D  
Acq: 16 Dec 2021 00:35

Tgt Ion:188 Resp: 247044  
Ion Ratio Lower Upper  
188 100  
94 8.3 7.2 10.8  
80 9.5 8.2 12.4

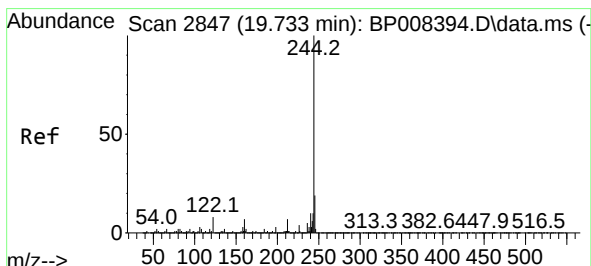
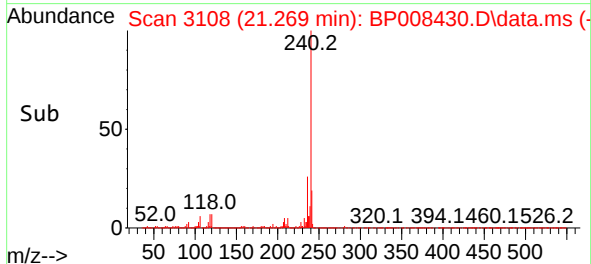
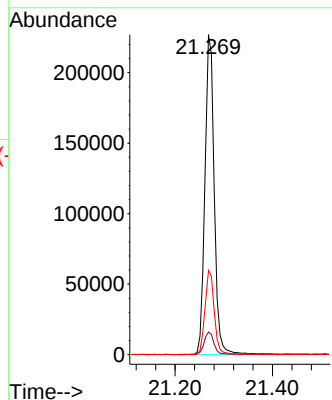
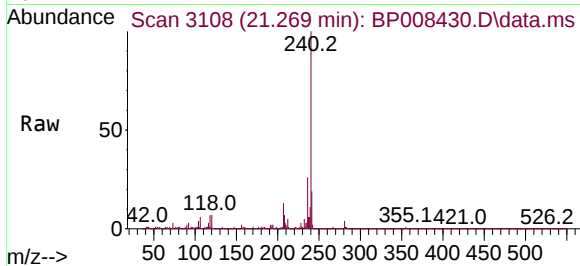




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.269 min Scan# 3108  
Delta R.T. 0.000 min  
Lab File: BP008430.D  
Acq: 16 Dec 2021 00:35

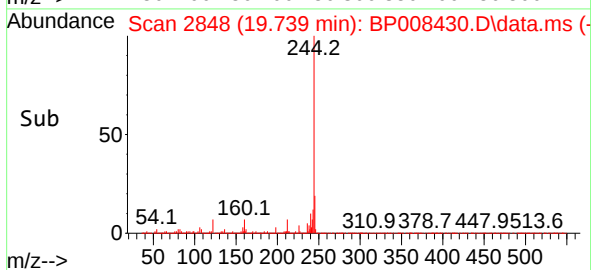
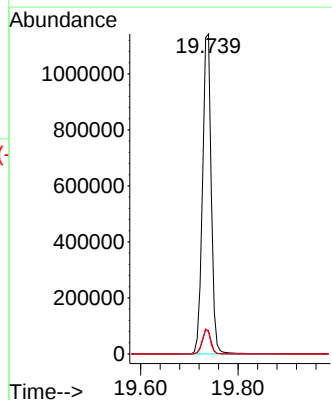
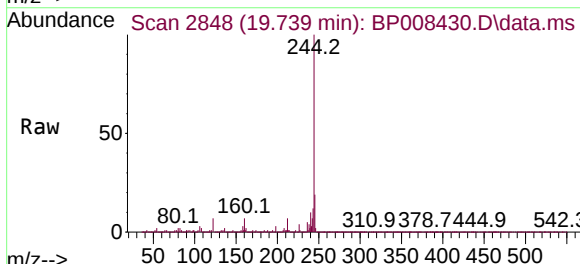
Instrument :  
BNA\_P  
ClientSampleId :  
PB141409BL

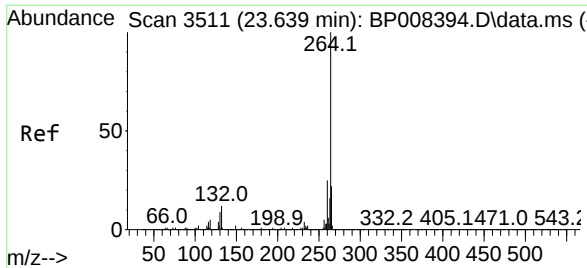
Tgt Ion:240 Resp: 301061  
Ion Ratio Lower Upper  
240 100  
120 7.1 7.3 10.9#  
236 26.3 21.4 32.2



#79  
Terphenyl-d14  
Concen: 82.549 ng  
RT: 19.739 min Scan# 2848  
Delta R.T. 0.006 min  
Lab File: BP008430.D  
Acq: 16 Dec 2021 00:35

Tgt Ion:244 Resp: 1427979  
Ion Ratio Lower Upper  
244 100  
212 7.4 6.0 9.0  
122 6.8 6.6 9.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.639 min Scan# 3

Delta R.T. 0.000 min

Lab File: BP008430.D

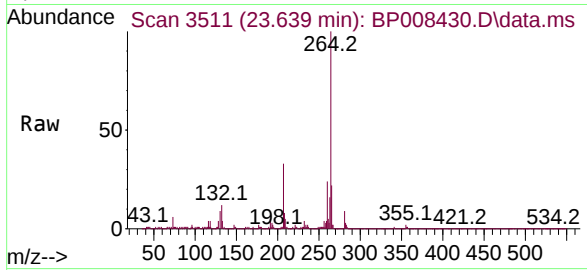
Acq: 16 Dec 2021 00:35

Instrument :

BNA\_P

ClientSampleId :

PB141409BL



Tgt Ion:264 Resp: 335957

Ion Ratio Lower Upper

264 100

260 24.0 19.4 29.2

265 22.2 17.6 26.4

