

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP010422\  
 Data File : BP008675.D  
 Acq On : 04 Jan 2022 22:40  
 Operator : CG/JU  
 Sample : M5338-07  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SB-7-(4.5-5)

Quant Time: Jan 05 04:28:38 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP122821.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Dec 30 08:44:33 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.887  | 152  | 668172   | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8          | 10.687 | 136  | 2620550  | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10        | 14.516 | 164  | 1686624  | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 17.263 | 188  | 3297718  | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12            | 21.351 | 240  | 2537809  | 20.000  | ng    | -0.01    |
| 86) Perylene-d12            | 23.774 | 264  | 2454622  | 20.000  | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.469  | 112  | 3612689  | 98.689  | ng    | 0.00     |
| 7) Phenol-d6                | 7.058  | 99   | 4501092  | 88.338  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.040  | 82   | 2766636  | 62.805  | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol    | 16.004 | 330  | 2460853  | 107.841 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 13.145 | 172  | 7834650  | 67.300  | ng    | -0.01    |
| 79) Terphenyl-d14           | 19.822 | 244  | 9523446  | 76.621  | ng    | 0.00     |

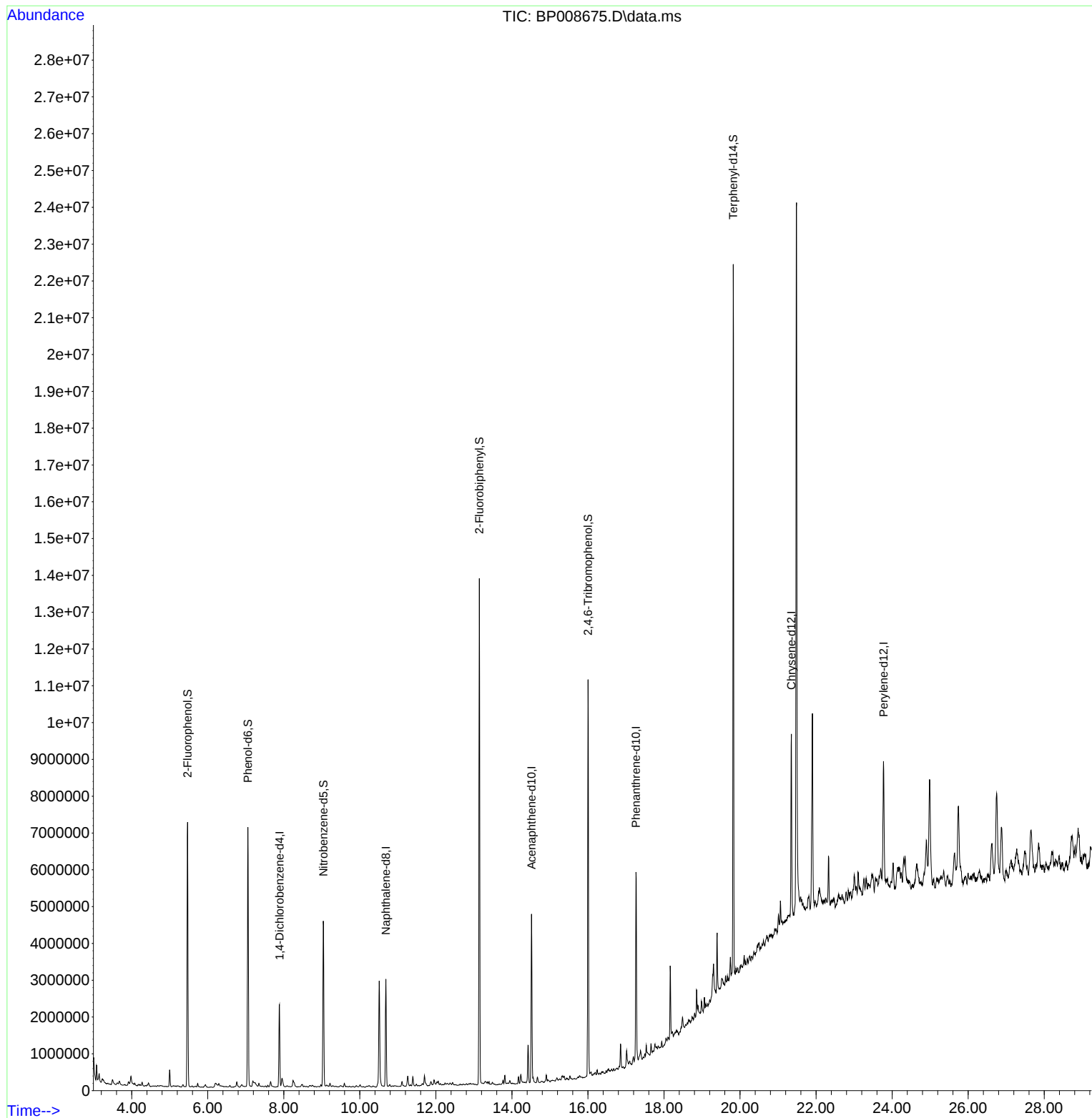
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

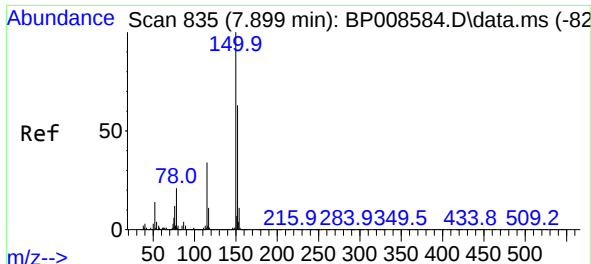
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP010422\  
Data File : BP008675.D  
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Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
SB-7-(4.5-5)

Quant Time: Jan 05 04:28:38 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP122821.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Dec 30 08:44:33 2021  
Response via : Initial Calibration

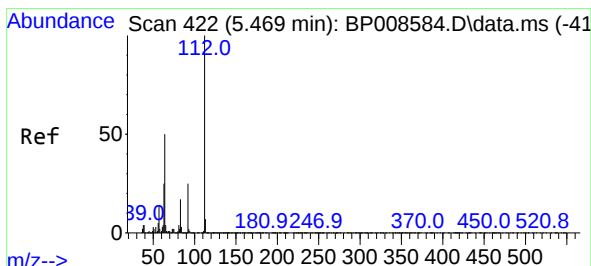
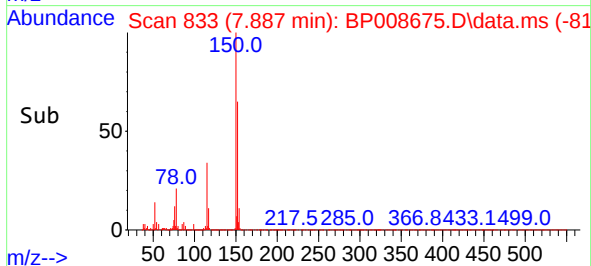
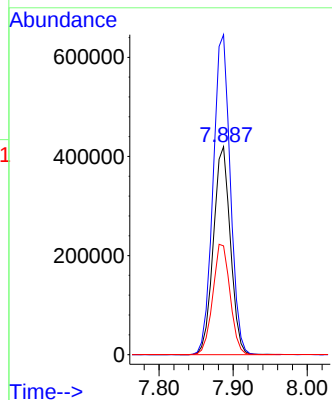
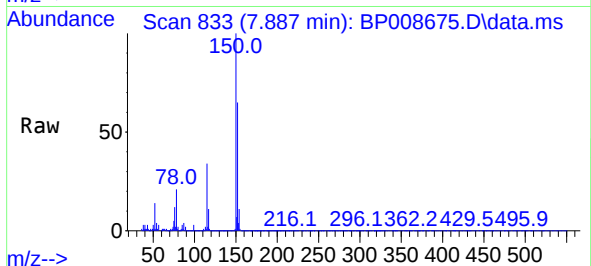




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.887 min Scan# 81  
Delta R.T. -0.012 min  
Lab File: BP008675.D  
Acq: 04 Jan 2022 22:40

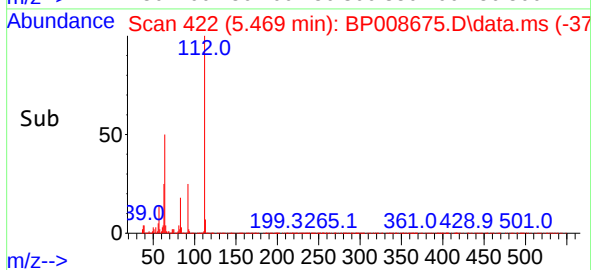
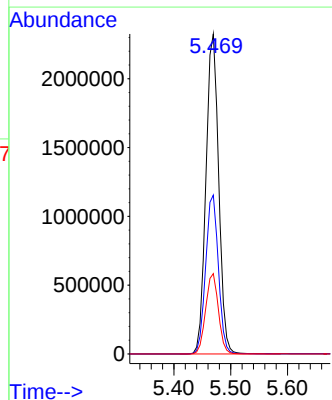
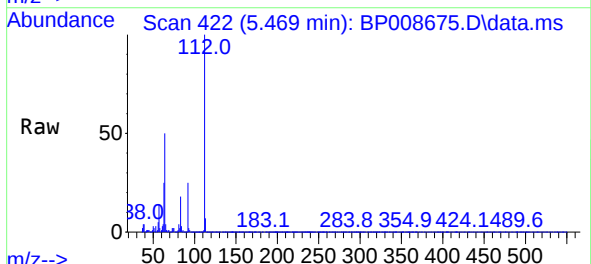
Instrument :  
BNA\_P  
ClientSampleId :  
SB-7-(4.5-5)

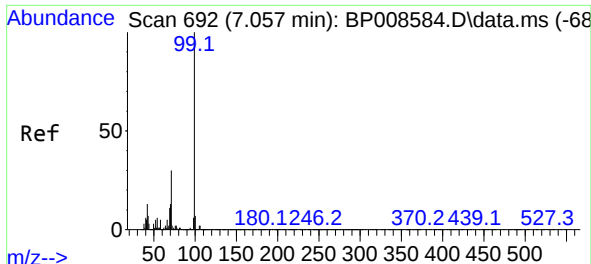
Tgt Ion:152 Resp: 668172  
Ion Ratio Lower Upper  
152 100  
150 153.8 127.0 190.6  
115 52.3 43.7 65.5



#5  
2-Fluorophenol  
Concen: 98.689 ng  
RT: 5.469 min Scan# 422  
Delta R.T. 0.000 min  
Lab File: BP008675.D  
Acq: 04 Jan 2022 22:40

Tgt Ion:112 Resp: 3612689  
Ion Ratio Lower Upper  
112 100  
64 49.7 39.7 59.5  
63 25.1 20.0 30.0



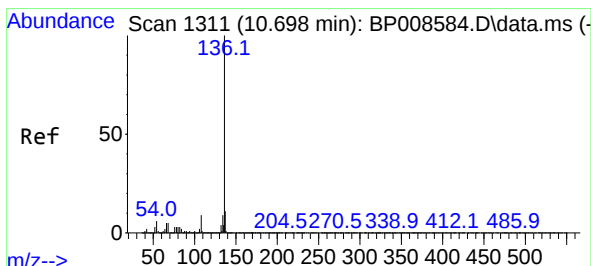
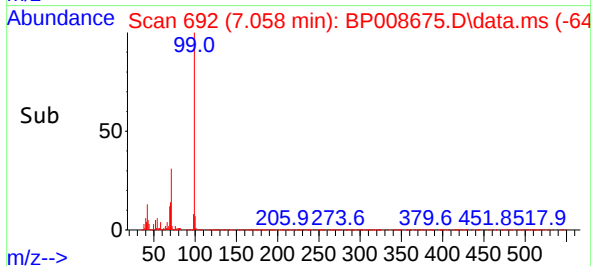
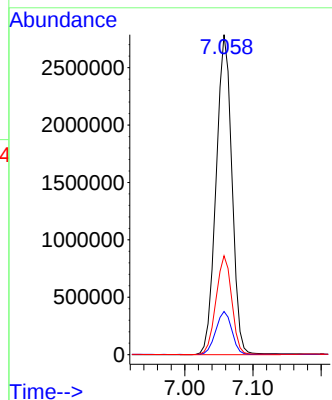
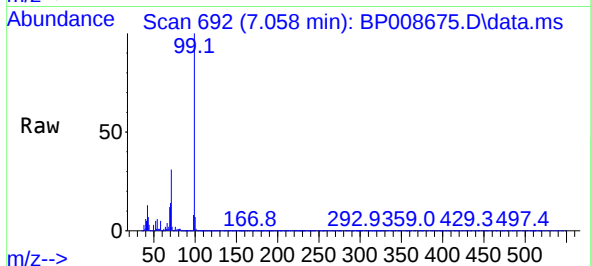


#7  
Phenol-d6  
Concen: 88.338 ng  
RT: 7.058 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: BP008675.D  
Acq: 04 Jan 2022 22:40

Instrument :  
BNA\_P  
ClientSampleId :  
SB-7-(4.5-5)

Tgt Ion: 99 Resp: 4501092

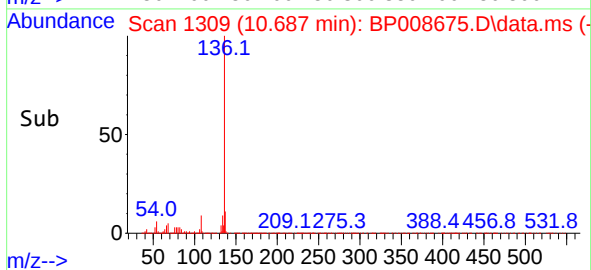
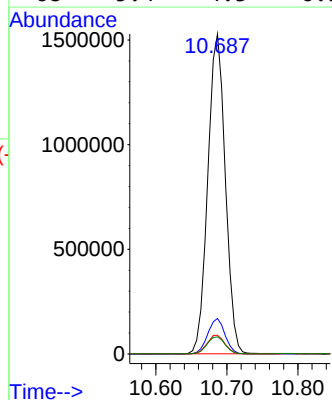
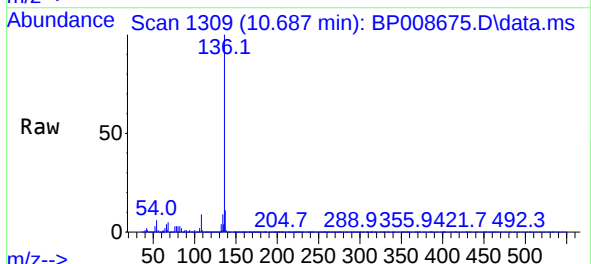
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 13.5  | 10.8  | 16.2  |
| 71  | 30.9  | 23.8  | 35.6  |

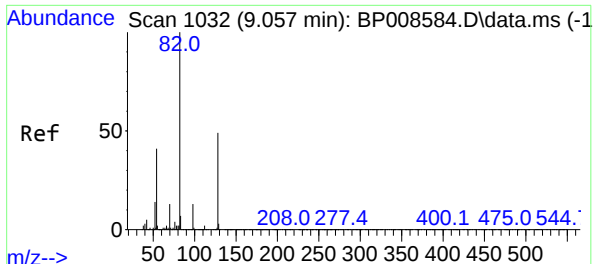


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.687 min Scan# 1309  
Delta R.T. -0.012 min  
Lab File: BP008675.D  
Acq: 04 Jan 2022 22:40

Tgt Ion: 136 Resp: 2620550

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.1  | 9.0   | 13.4  |
| 54  | 5.9   | 4.9   | 7.3   |
| 68  | 5.4   | 4.3   | 6.5   |





#23

Nitrobenzene-d5

Concen: 62.805 ng

RT: 9.040 min Scan# 1029

Delta R.T. -0.018 min

Lab File: BP008675.D

Acq: 04 Jan 2022 22:40

Instrument :

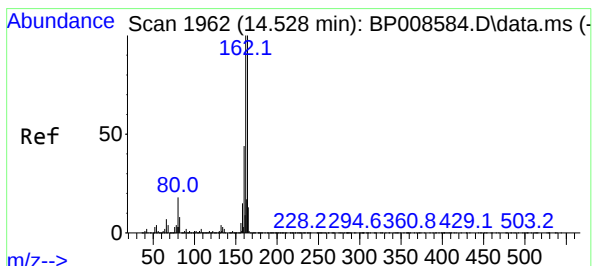
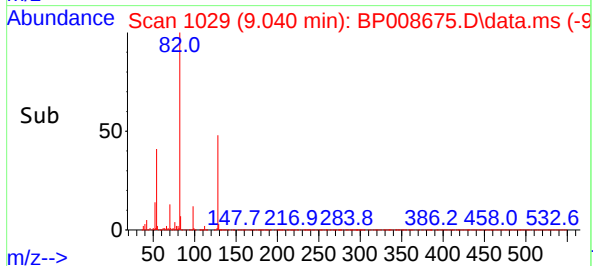
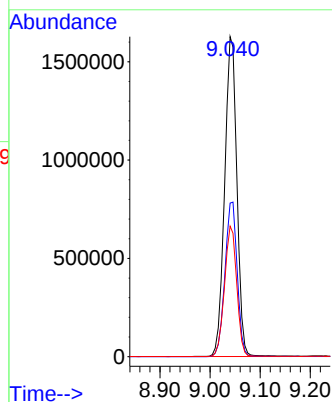
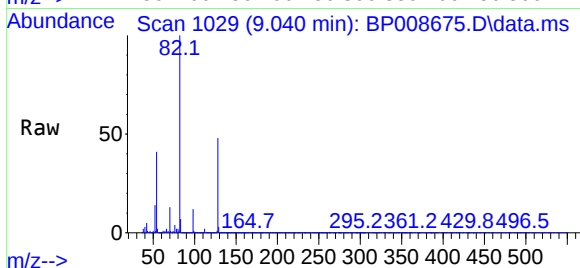
BNA\_P

ClientSampleId :

SB-7-(4.5-5)

Tgt Ion: 82 Resp: 2766636

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 48.0  | 39.4  | 59.2  |
| 54  | 40.8  | 32.6  | 48.8  |



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.516 min Scan# 1960

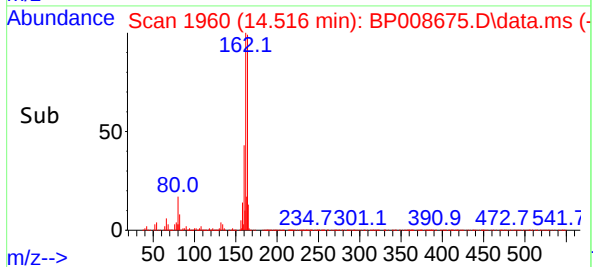
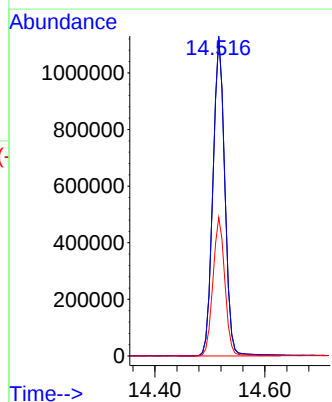
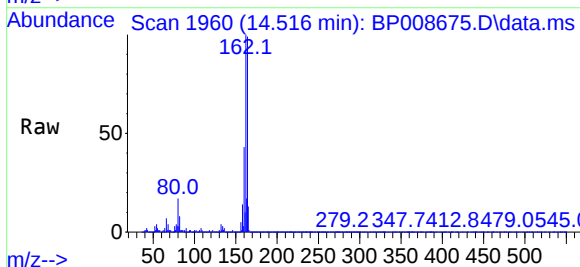
Delta R.T. -0.012 min

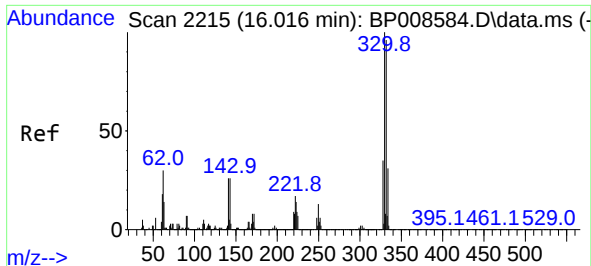
Lab File: BP008675.D

Acq: 04 Jan 2022 22:40

Tgt Ion:164 Resp: 1686624

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 100.8 | 79.9  | 119.9 |
| 160 | 43.6  | 35.5  | 53.3  |

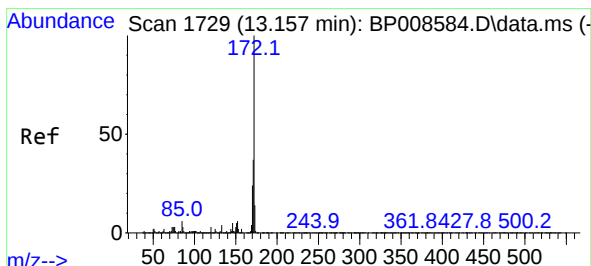
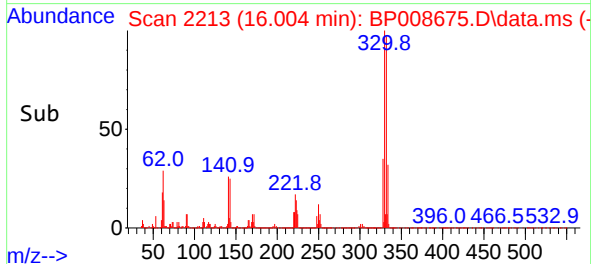
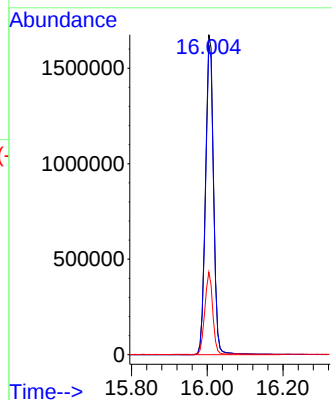
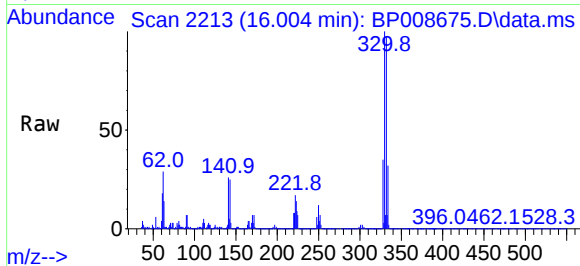




#42  
2,4,6-Tribromophenol  
Concen: 107.841 ng  
RT: 16.004 min Scan# 21  
Delta R.T. -0.012 min  
Lab File: BP008675.D  
Acq: 04 Jan 2022 22:40

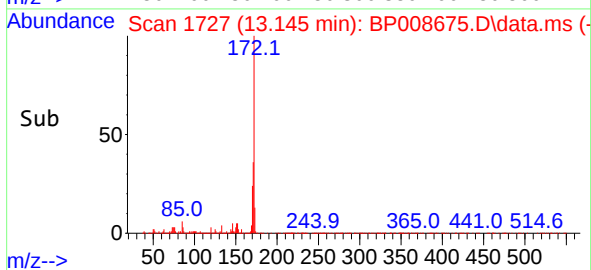
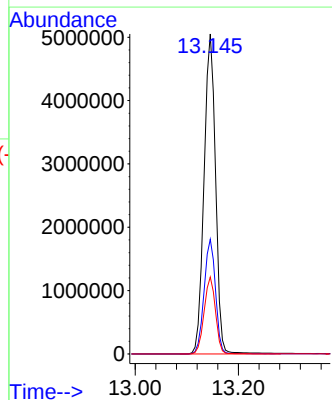
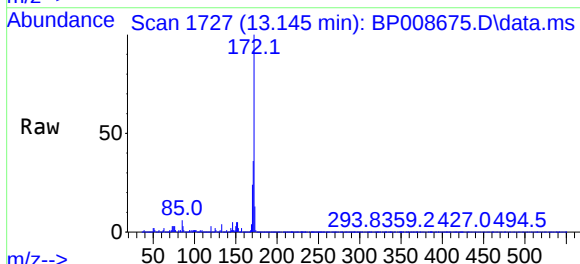
Instrument :  
BNA\_P  
ClientSampleId :  
SB-7-(4.5-5)

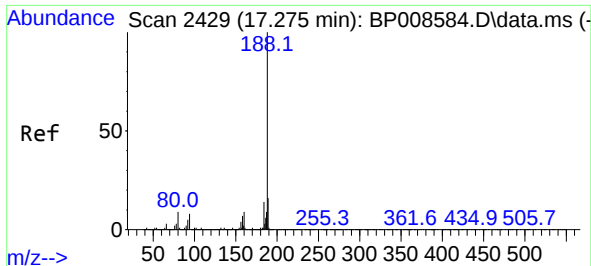
Tgt Ion:330 Resp: 2460853  
Ion Ratio Lower Upper  
330 100  
332 96.7 77.0 115.4  
141 25.2 21.3 31.9



#45  
2-Fluorobiphenyl  
Concen: 67.300 ng  
RT: 13.145 min Scan# 1727  
Delta R.T. -0.012 min  
Lab File: BP008675.D  
Acq: 04 Jan 2022 22:40

Tgt Ion:172 Resp: 7834650  
Ion Ratio Lower Upper  
172 100  
171 35.9 29.3 43.9  
170 24.0 19.5 29.3

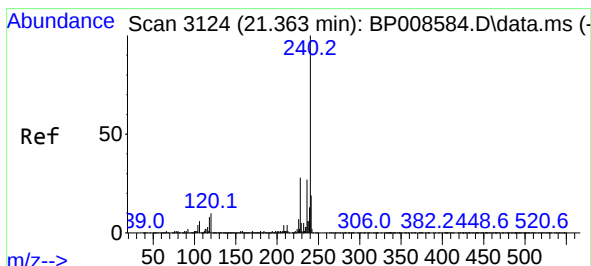
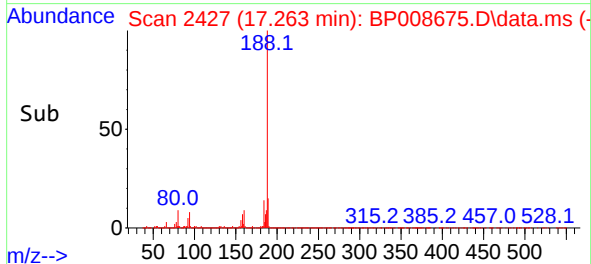
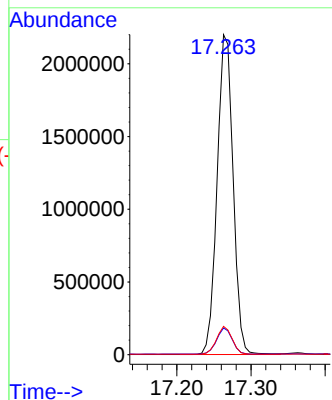
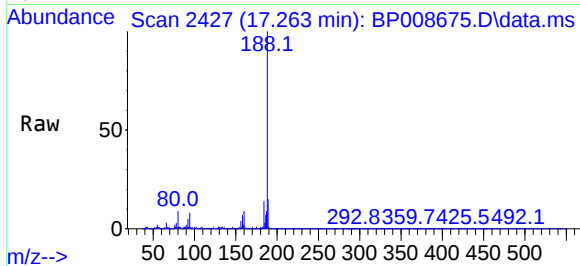




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.263 min Scan# 2427  
Delta R.T. -0.012 min  
Lab File: BP008675.D  
Acq: 04 Jan 2022 22:40

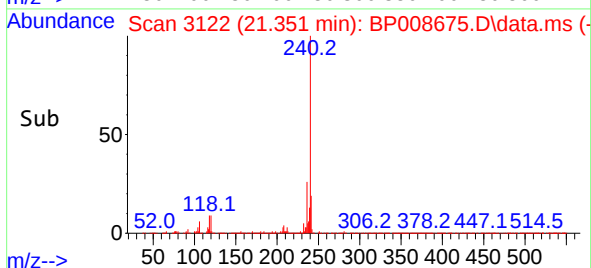
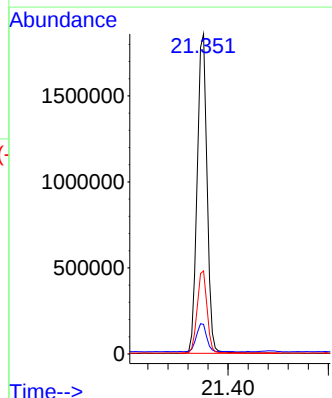
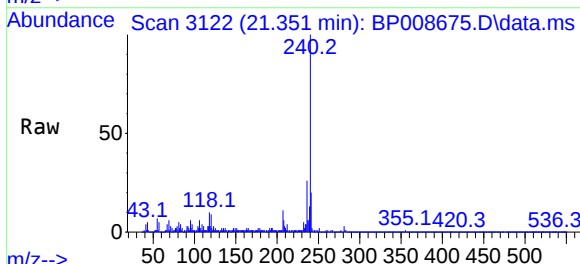
Instrument :  
BNA\_P  
ClientSampleId :  
SB-7-(4.5-5)

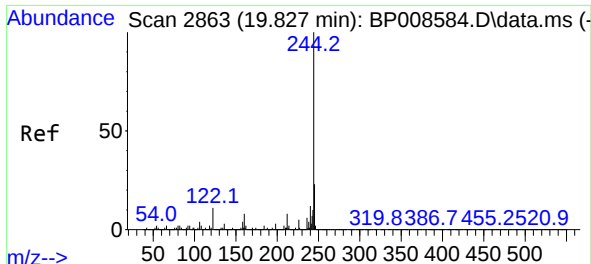
Tgt Ion:188 Resp: 3297718  
Ion Ratio Lower Upper  
188 100  
94 8.4 6.8 10.2  
80 8.9 7.2 10.8



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.351 min Scan# 3122  
Delta R.T. -0.012 min  
Lab File: BP008675.D  
Acq: 04 Jan 2022 22:40

Tgt Ion:240 Resp: 2537809  
Ion Ratio Lower Upper  
240 100  
120 9.2 7.7 11.5  
236 26.0 21.2 31.8



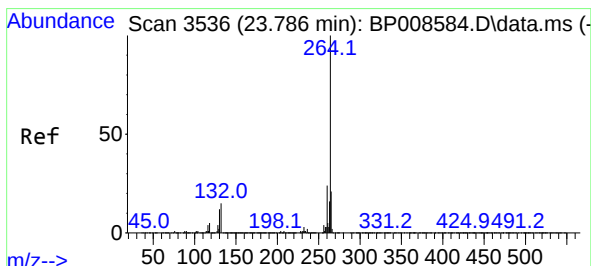
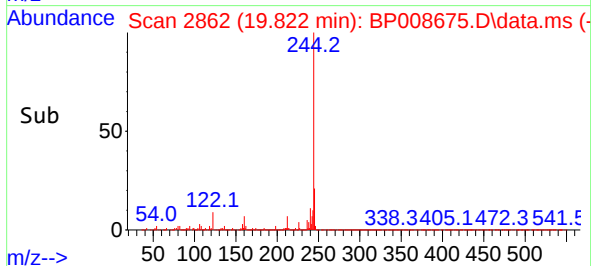
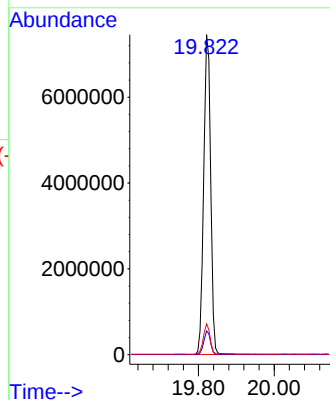
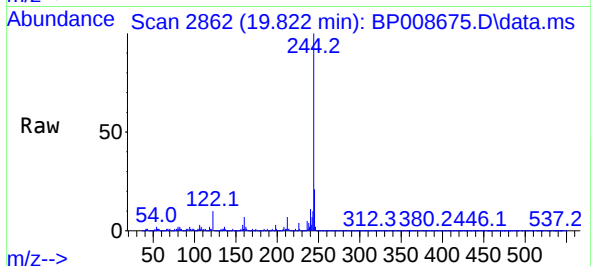


#79  
 Terphenyl-d14  
 Concen: 76.621 ng  
 RT: 19.822 min Scan# 21  
 Delta R.T. -0.005 min  
 Lab File: BP008675.D  
 Acq: 04 Jan 2022 22:40

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SB-7-(4.5-5)

Tgt Ion:244 Resp: 9523446

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 7.4   | 6.5   | 9.7   |
| 122 | 9.6   | 9.2   | 13.8  |



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.774 min Scan# 3534  
 Delta R.T. -0.012 min  
 Lab File: BP008675.D  
 Acq: 04 Jan 2022 22:40

Tgt Ion:264 Resp: 2454622

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 24.2  | 19.1  | 28.7  |
| 265 | 22.0  | 17.1  | 25.7  |

