

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121721\  
 Data File : BP008479.D  
 Acq On : 17 Dec 2021 19:35  
 Operator : CG/JU  
 Sample : M5084-07  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 C8

Quant Time: Dec 18 07:21:31 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP121421.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Dec 18 06:49:58 2021  
 Response via : Initial Calibration

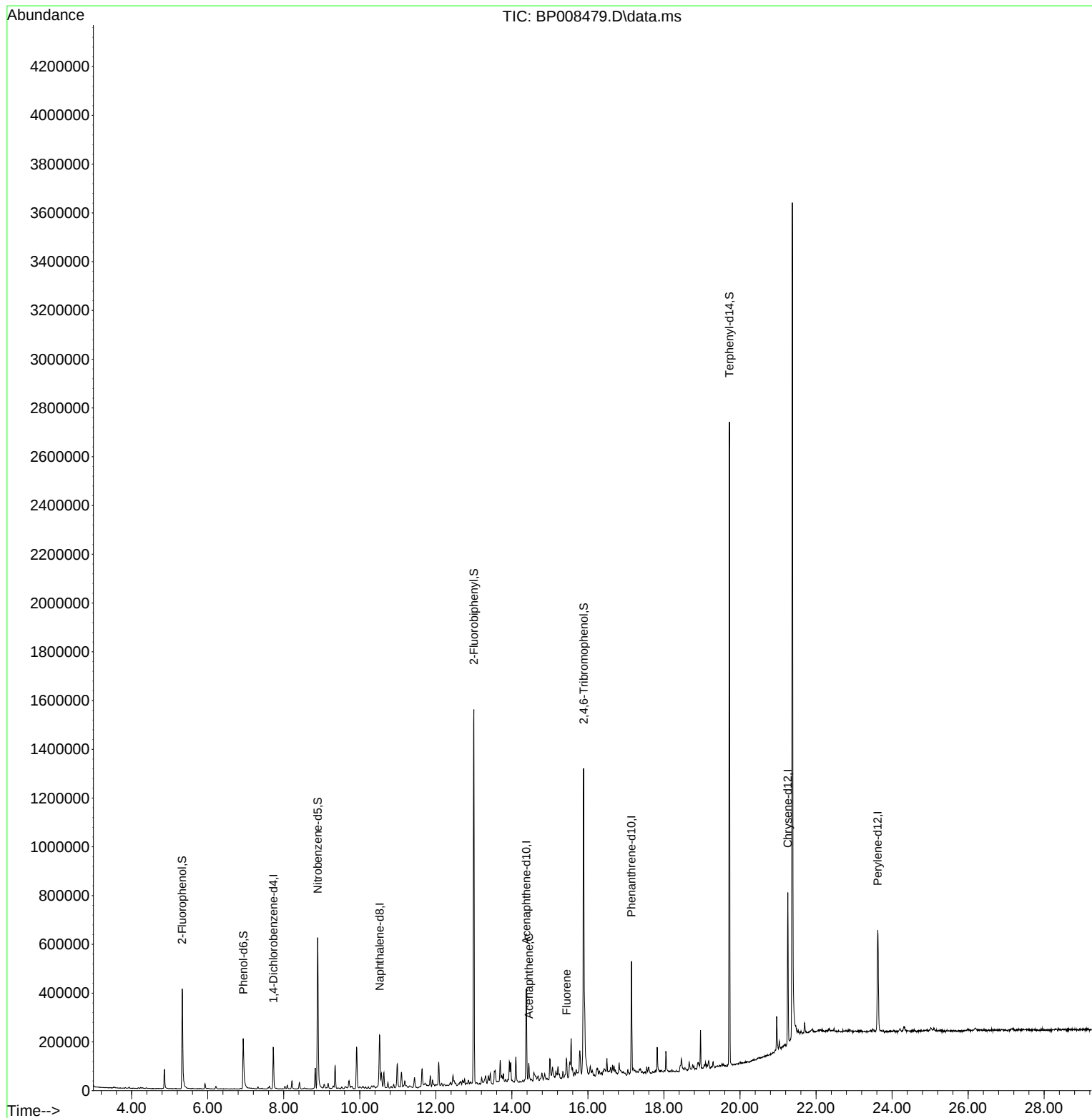
| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.728  | 152  | 46726    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.522 | 136  | 172235   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.381 | 164  | 120279   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.145 | 188  | 266711   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.257 | 240  | 305590   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 23.621 | 264  | 337565   | 20.000  | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.328  | 112  | 192533   | 65.072  | ng    | 0.00     |
| 7) Phenol-d6                | 6.934  | 99   | 152018   | 38.255  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.893  | 82   | 352744   | 86.765  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.887 | 330  | 261166   | 147.752 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.999 | 172  | 786160   | 83.087  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.722 | 244  | 1231521  | 70.137  | ng    | 0.00     |
| Target Compounds            |        |      |          |         |       |          |
| 52) Acenaphthene            | 14.445 | 154  | 22197    | 3.425   | ng    | 99       |
| 58) Fluorene                | 15.440 | 166  | 28515    | 3.336   | ng    | # 98     |
| -----                       |        |      |          |         |       |          |

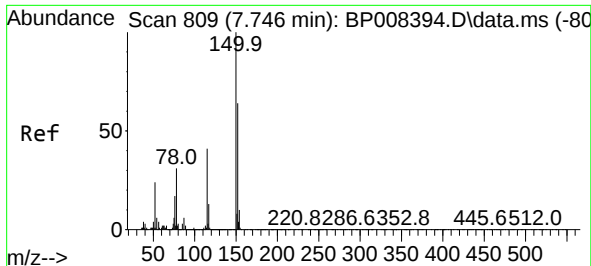
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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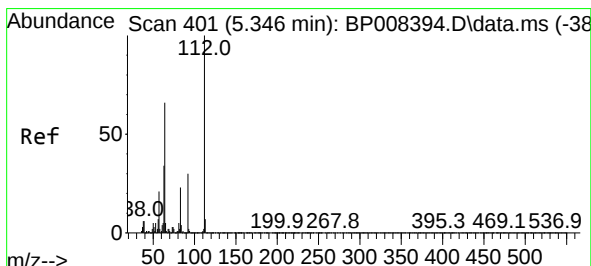
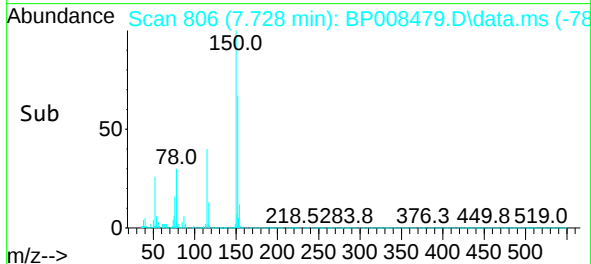
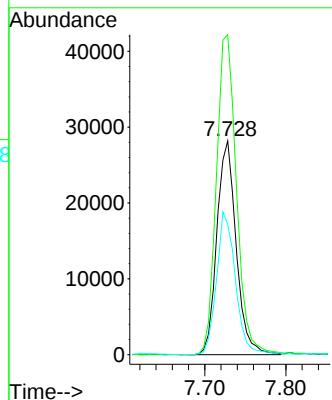
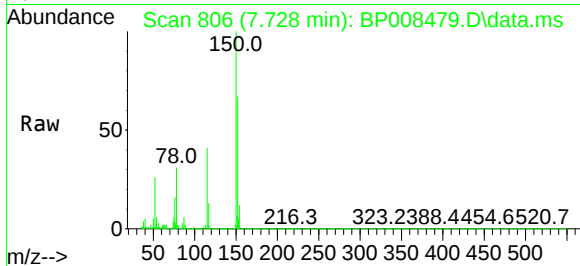




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.728 min Scan# 80  
Delta R.T. 0.000 min  
Lab File: BP008479.D  
Acq: 17 Dec 2021 19:35

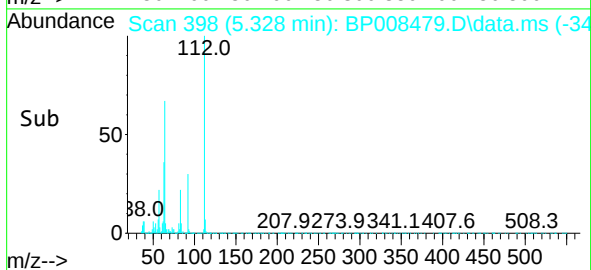
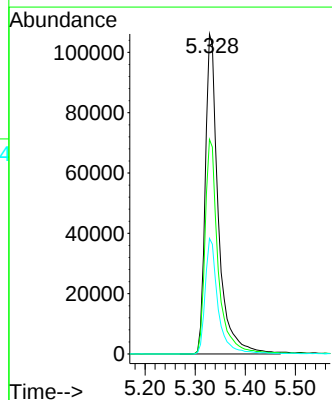
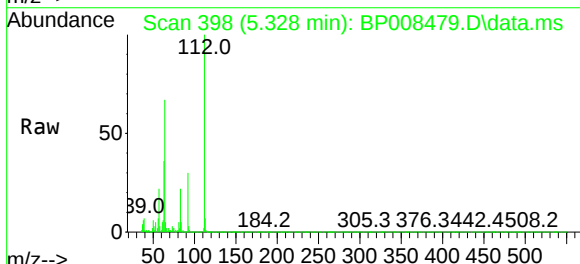
Instrument :  
BNA\_P  
ClientSampleId :  
C8

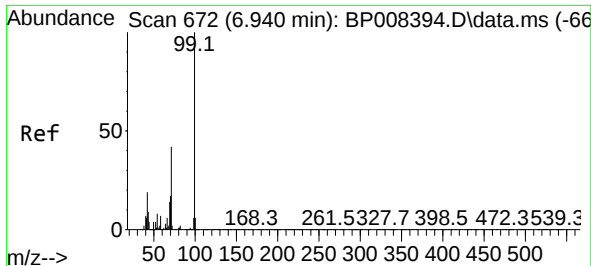
Tgt Ion:152 Resp: 46726  
Ion Ratio Lower Upper  
152 100  
150 149.6 125.7 188.5  
115 60.9 50.7 76.1



#5  
2-Fluorophenol  
Concen: 65.072 ng  
RT: 5.328 min Scan# 398  
Delta R.T. 0.000 min  
Lab File: BP008479.D  
Acq: 17 Dec 2021 19:35

Tgt Ion:112 Resp: 192533  
Ion Ratio Lower Upper  
112 100  
64 67.1 53.4 80.2  
63 36.1 27.8 41.8

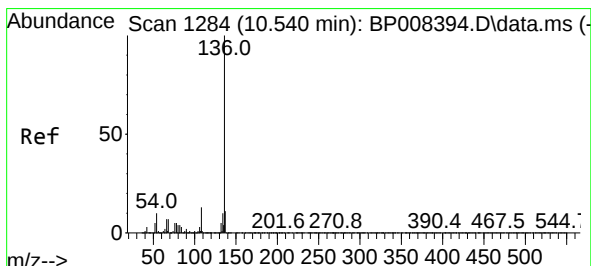
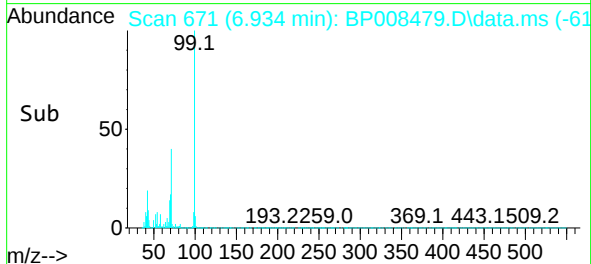
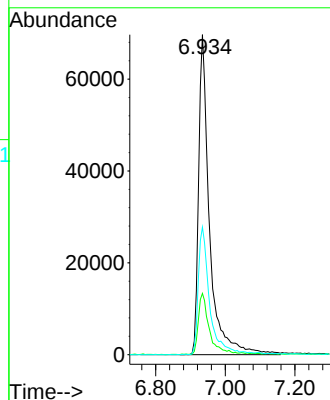
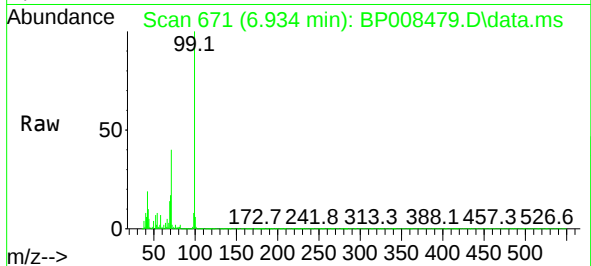




#7  
Phenol-d6  
Concen: 38.255 ng  
RT: 6.934 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: BP008479.D  
Acq: 17 Dec 2021 19:35

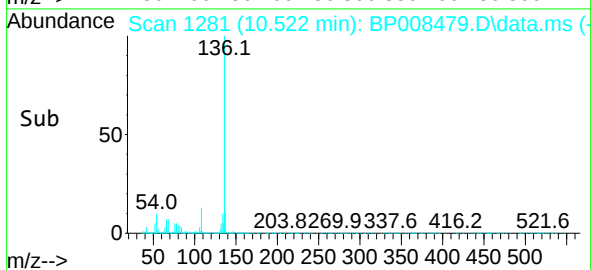
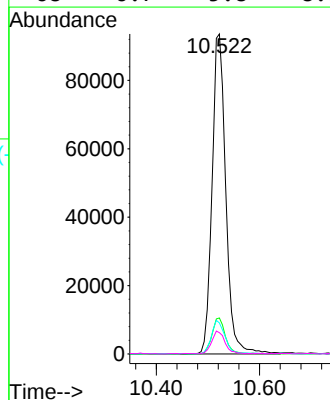
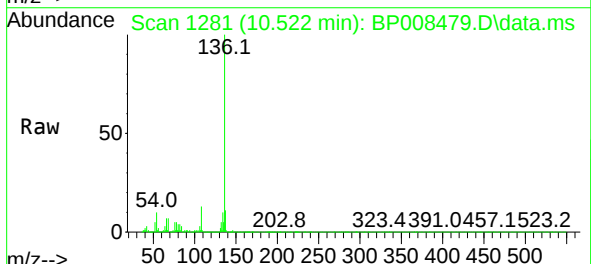
Instrument :  
BNA\_P  
ClientSampleId :  
C8

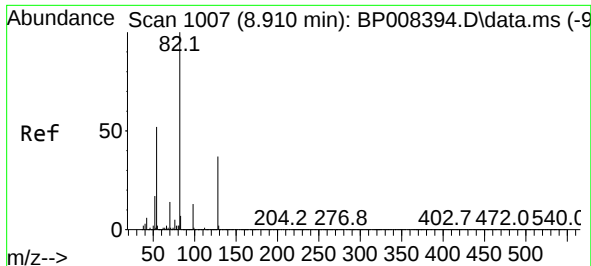
Tgt Ion: 99 Resp: 152018  
Ion Ratio Lower Upper  
99 100  
42 19.1 14.6 22.0  
71 39.9 31.1 46.7



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.522 min Scan# 1281  
Delta R.T. 0.000 min  
Lab File: BP008479.D  
Acq: 17 Dec 2021 19:35

Tgt Ion: 136 Resp: 172235  
Ion Ratio Lower Upper  
136 100  
137 11.3 9.0 13.6  
54 9.7 8.2 12.4  
68 6.7 5.8 8.8

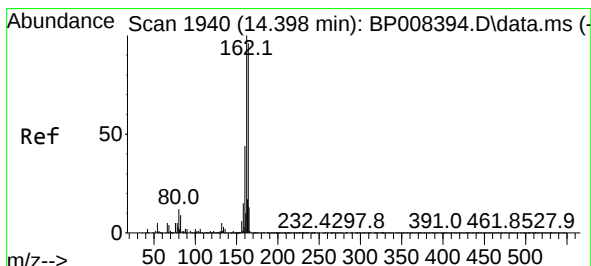
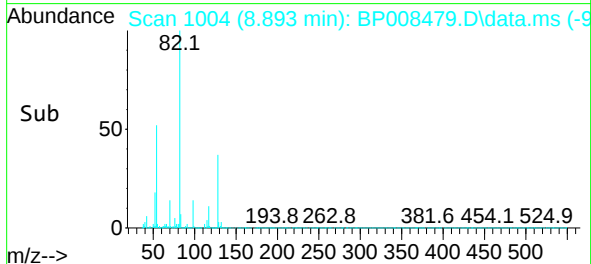
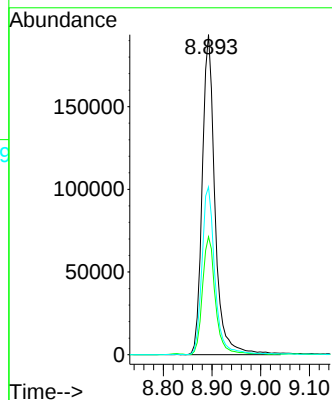
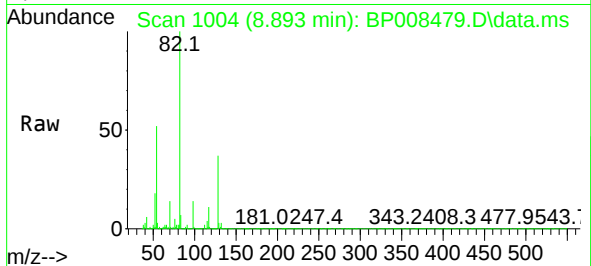




#23  
Nitrobenzene-d5  
Concen: 86.765 ng  
RT: 8.893 min Scan# 1004  
Delta R.T. -0.006 min  
Lab File: BP008479.D  
Acq: 17 Dec 2021 19:35

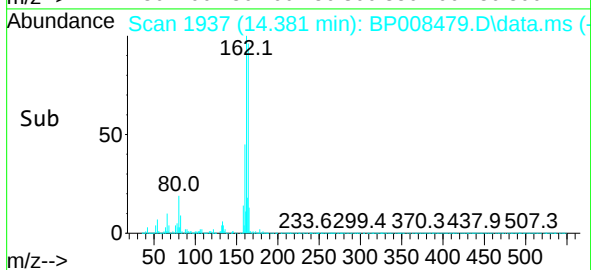
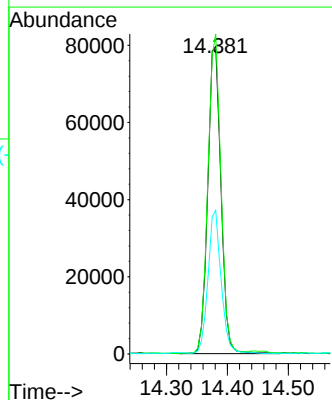
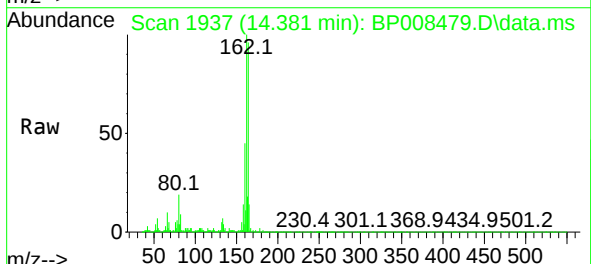
Instrument :  
BNA\_P  
ClientSampleId :  
C8

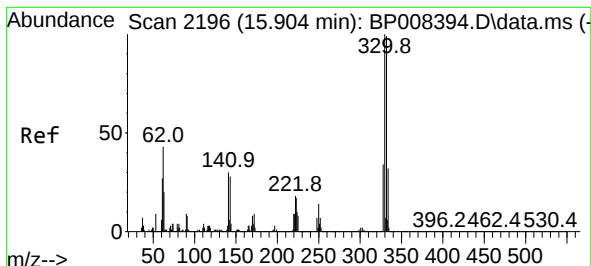
Tgt Ion: 82 Resp: 352744  
Ion Ratio Lower Upper  
82 100  
128 36.9 29.6 44.4  
54 52.4 42.7 64.1



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.381 min Scan# 1937  
Delta R.T. -0.006 min  
Lab File: BP008479.D  
Acq: 17 Dec 2021 19:35

Tgt Ion: 164 Resp: 120279  
Ion Ratio Lower Upper  
164 100  
162 104.1 81.9 122.9  
160 46.7 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 147.752 ng

RT: 15.887 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP008479.D

Acq: 17 Dec 2021 19:35

Instrument :

BNA\_P

ClientSampleId :

C8

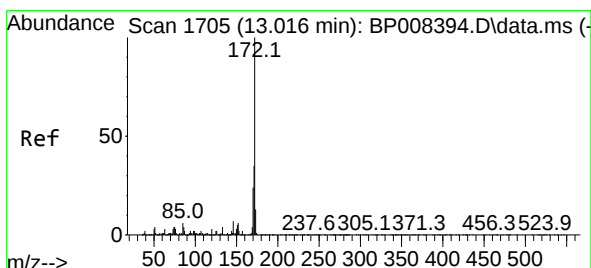
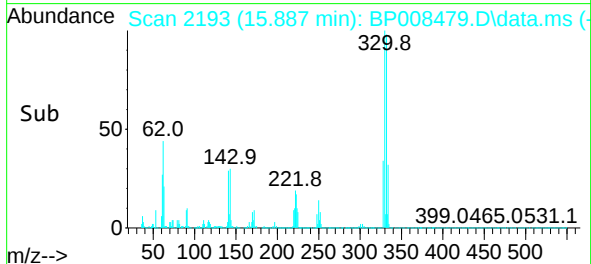
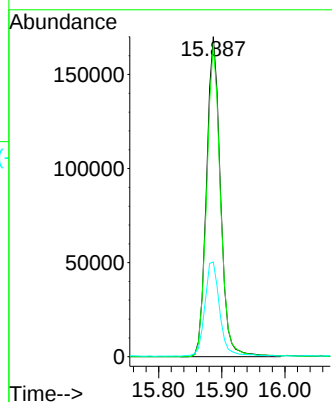
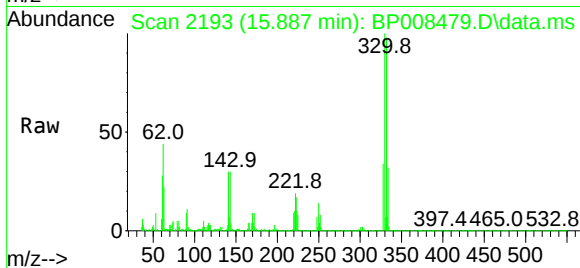
Tgt Ion:330 Resp: 261166

Ion Ratio Lower Upper

330 100

332 96.7 77.0 115.4

141 31.8 28.4 42.6



#45

2-Fluorobiphenyl

Concen: 83.087 ng

RT: 12.999 min Scan# 1702

Delta R.T. -0.006 min

Lab File: BP008479.D

Acq: 17 Dec 2021 19:35

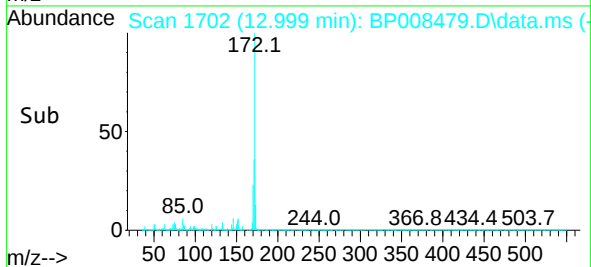
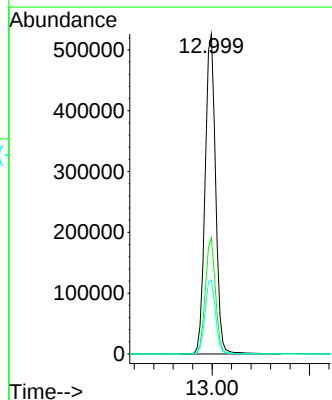
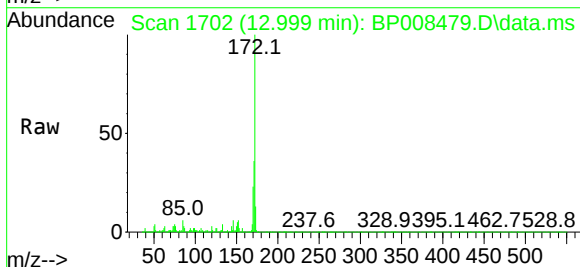
Tgt Ion:172 Resp: 786160

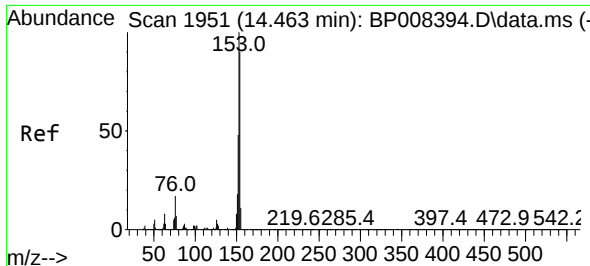
Ion Ratio Lower Upper

172 100

171 36.3 28.0 42.0

170 23.2 18.9 28.3

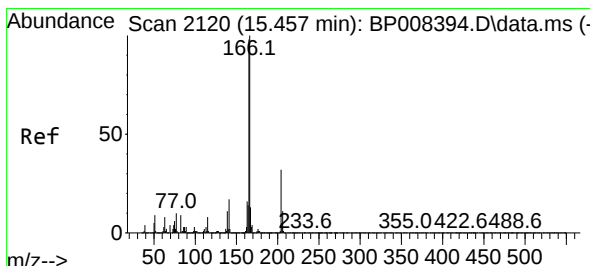
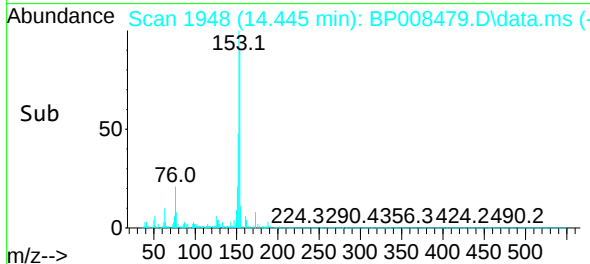
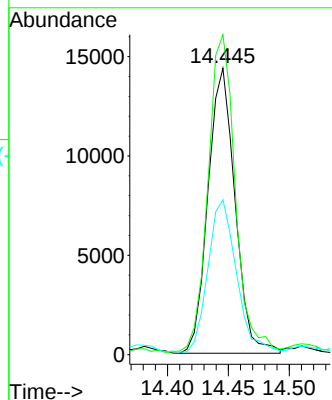
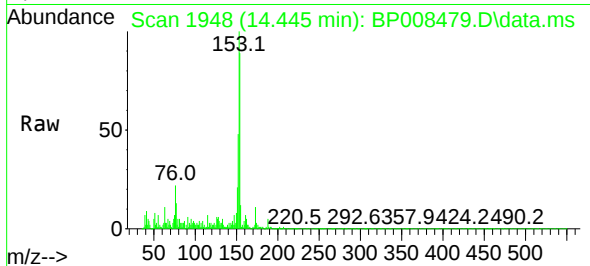




#52  
Acenaphthene  
Concen: 3.425 ng  
RT: 14.445 min Scan# 1948  
Delta R.T. -0.006 min  
Lab File: BP008479.D  
Acq: 17 Dec 2021 19:35

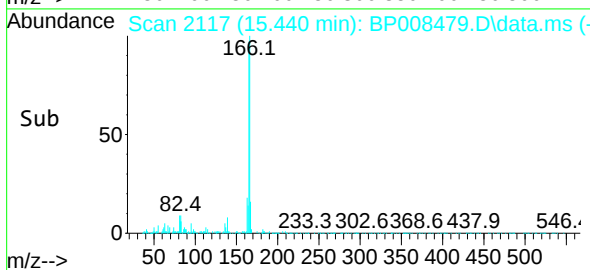
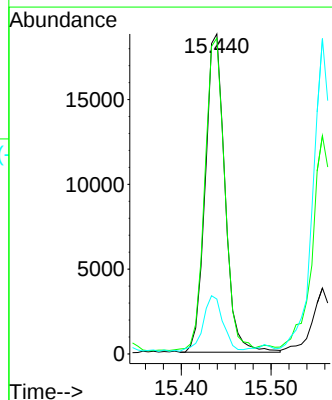
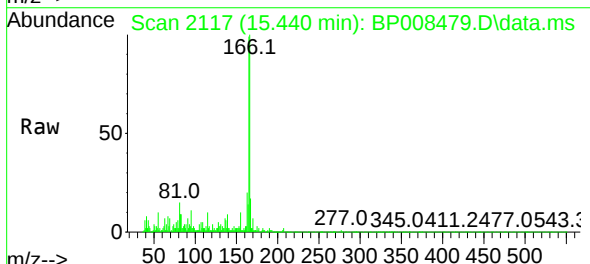
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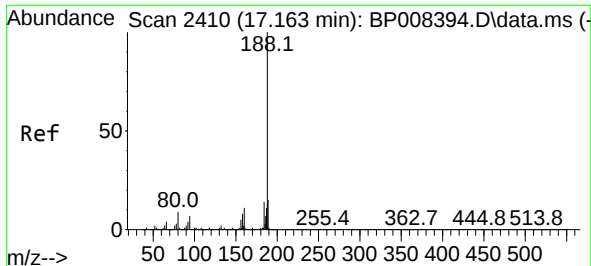
Tgt Ion:154 Resp: 22197  
Ion Ratio Lower Upper  
154 100  
153 111.7 90.3 135.5  
152 54.1 43.3 64.9



#58  
Fluorene  
Concen: 3.336 ng  
RT: 15.440 min Scan# 2117  
Delta R.T. 0.000 min  
Lab File: BP008479.D  
Acq: 17 Dec 2021 19:35

Tgt Ion:166 Resp: 28515  
Ion Ratio Lower Upper  
166 100  
165 98.7 79.4 119.2  
167 17.2 10.9 16.3#

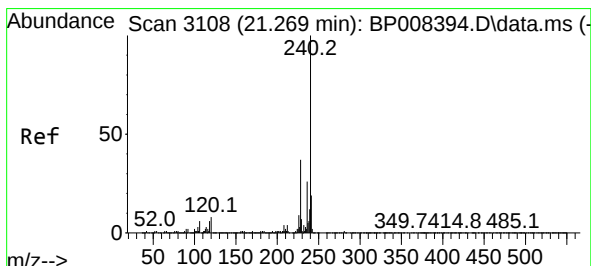
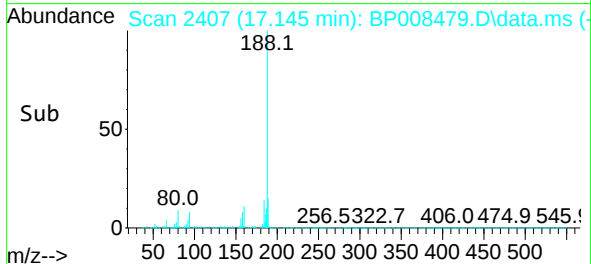
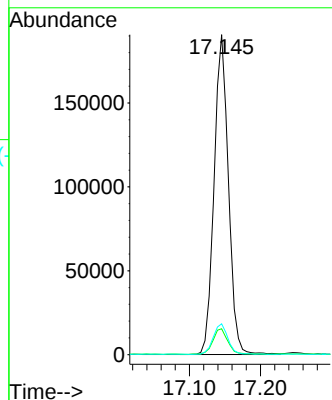
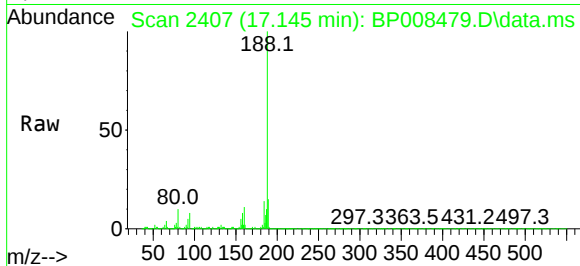




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.145 min Scan# 2410  
Delta R.T. -0.006 min  
Lab File: BP008479.D  
Acq: 17 Dec 2021 19:35

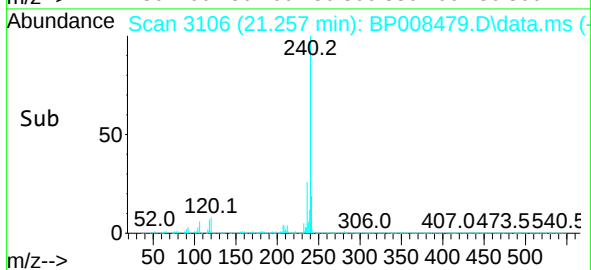
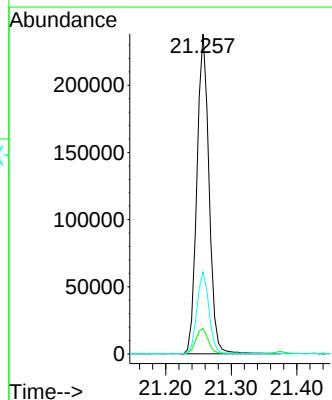
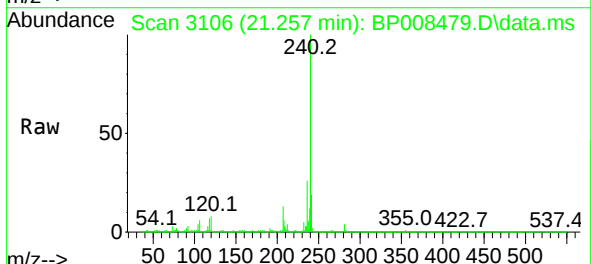
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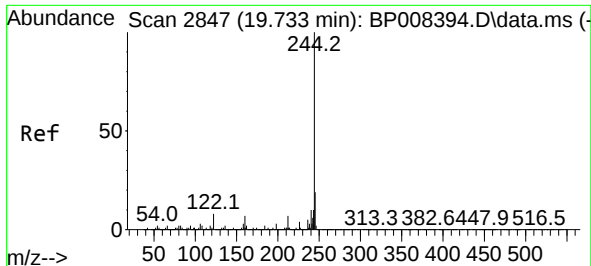
Tgt Ion:188 Resp: 266711  
Ion Ratio Lower Upper  
188 100  
94 8.1 7.2 10.8  
80 9.6 8.2 12.4



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.257 min Scan# 3106  
Delta R.T. -0.006 min  
Lab File: BP008479.D  
Acq: 17 Dec 2021 19:35

Tgt Ion:240 Resp: 305590  
Ion Ratio Lower Upper  
240 100  
120 8.0 7.3 10.9  
236 25.6 21.4 32.2



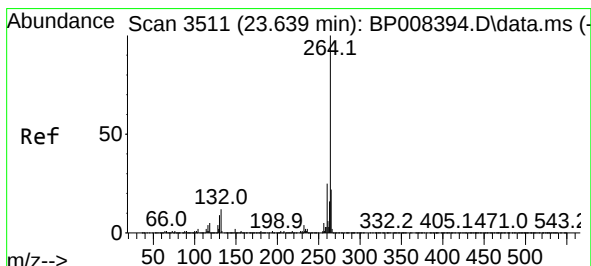
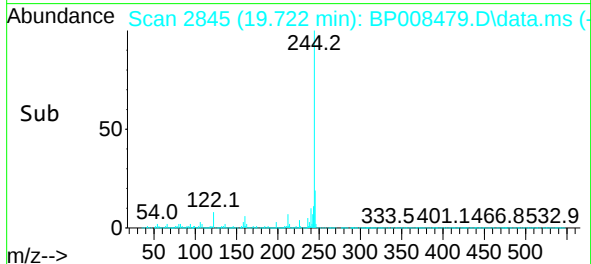
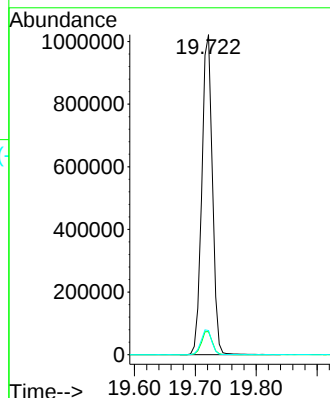
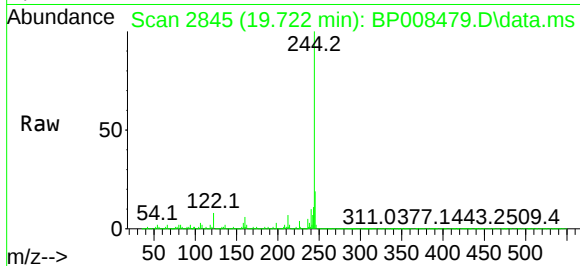


#79  
 Terphenyl-d14  
 Concen: 70.137 ng  
 RT: 19.722 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BP008479.D  
 Acq: 17 Dec 2021 19:35

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Tgt Ion:244 Resp: 1231521

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 7.2   | 6.0   | 9.0   |
| 122 | 7.6   | 6.6   | 9.8   |



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.621 min Scan# 3508  
 Delta R.T. -0.012 min  
 Lab File: BP008479.D  
 Acq: 17 Dec 2021 19:35

Tgt Ion:264 Resp: 337565

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.8  | 19.4  | 29.2  |
| 265 | 22.3  | 17.6  | 26.4  |

