

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP060821\  
 Data File : BP005807.D  
 Acq On : 09 Jun 2021 11:34  
 Operator : CG/JU  
 Sample : M2589-32  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 18-B10(2-4)

Quant Time: Jun 09 12:26:04 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 09 11:54:55 2021  
 Response via : Initial Calibration

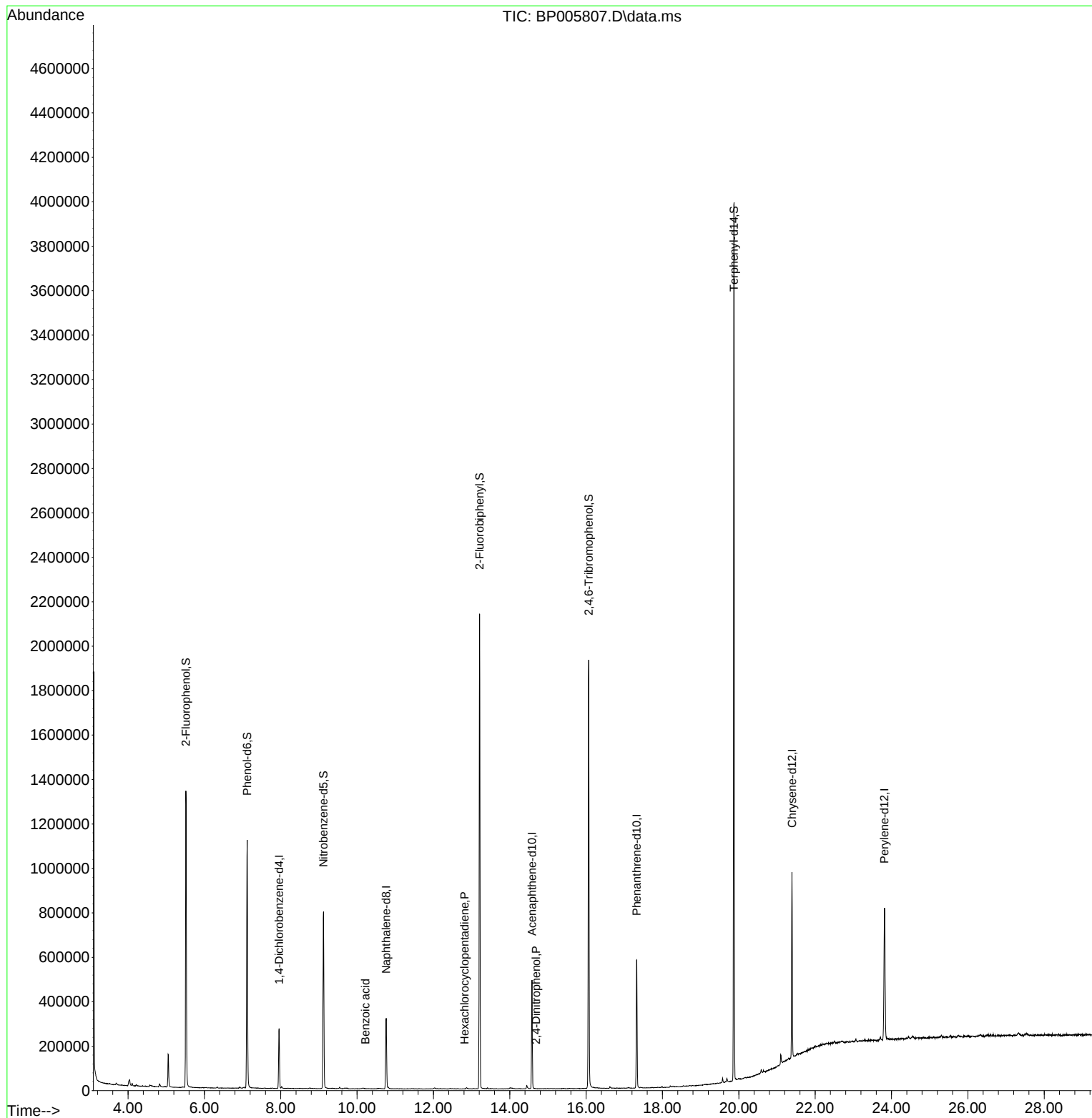
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.958  | 152  | 72612    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.763 | 136  | 270326   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.581 | 164  | 166603   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.322 | 188  | 346729   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.392 | 240  | 404259   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 23.816 | 264  | 469371   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.517  | 112  | 585622   | 129.415 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.122  | 99   | 626387   | 106.796 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.122  | 82   | 471906   | 85.586  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.069 | 330  | 380308   | 133.020 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.210 | 172  | 1052308  | 82.941  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.875 | 244  | 1846957  | 85.549  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 32) Benzoic acid              | 10.216 | 122  | 35       | 6.329   | ng    | 85       |
| 41) Hexachlorocyclopentadiene | 12.816 | 237  | 12       | 5.508   | ng    | 88       |
| 54) 2,4-Dinitrophenol         | 14.693 | 184  | 17       | 4.858   | ng    | # 55     |
| -----                         |        |      |          |         |       |          |

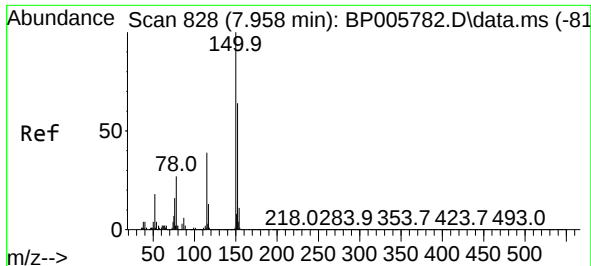
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP060821\  
Data File : BP005807.D  
Acq On : 09 Jun 2021 11:34  
Operator : CG/JU  
Sample : M2589-32  
Misc :  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
18-B10(2-4)

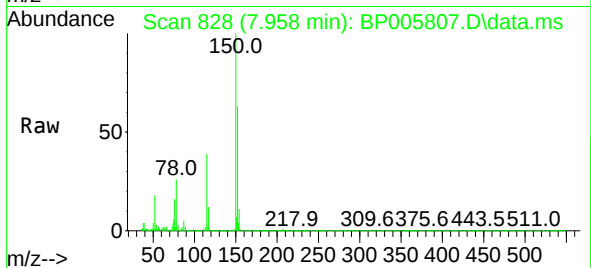
Quant Time: Jun 09 12:26:04 2021  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP060821.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Jun 09 11:54:55 2021  
Response via : Initial Calibration



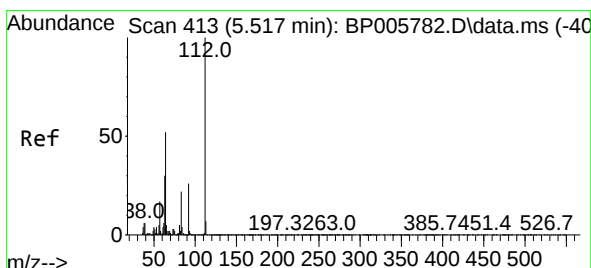
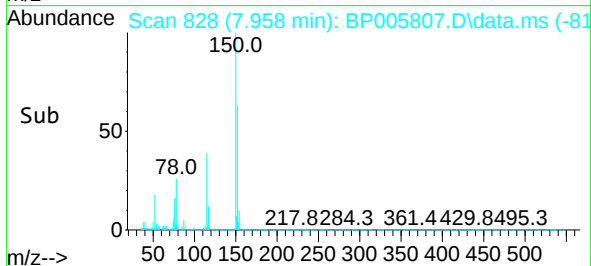
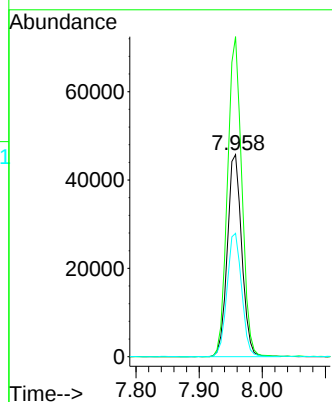


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.958 min Scan# 828  
Delta R.T. -0.000 min  
Lab File: BP005807.D  
Acq: 09 Jun 2021 11:34

Instrument :  
BNA\_P  
ClientSampleId :  
18-B10(2-4)

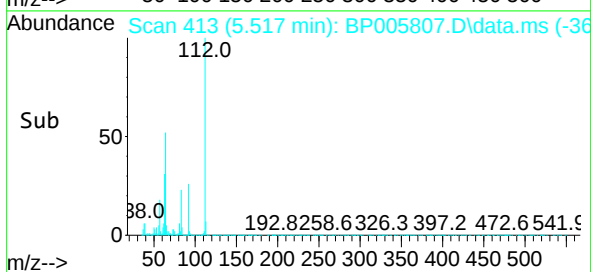
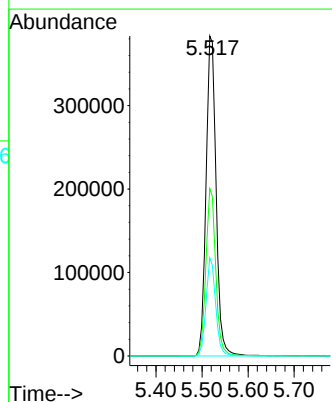
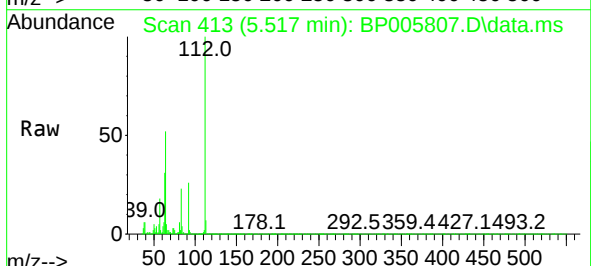


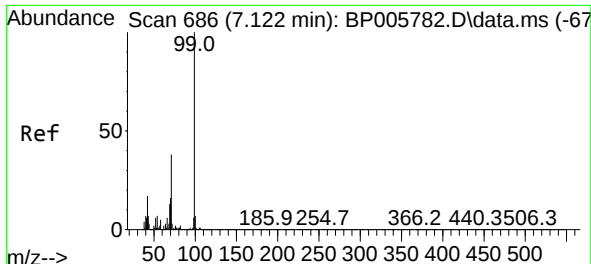
Tgt Ion:152 Resp: 72612  
Ion Ratio Lower Upper  
152 100  
150 158.4 125.6 188.4  
115 61.1 48.5 72.7



#5  
2-Fluorophenol  
Concen: 129.415 ng  
RT: 5.517 min Scan# 413  
Delta R.T. -0.000 min  
Lab File: BP005807.D  
Acq: 09 Jun 2021 11:34

Tgt Ion:112 Resp: 585622  
Ion Ratio Lower Upper  
112 100  
64 52.3 41.4 62.2  
63 30.7 23.8 35.8

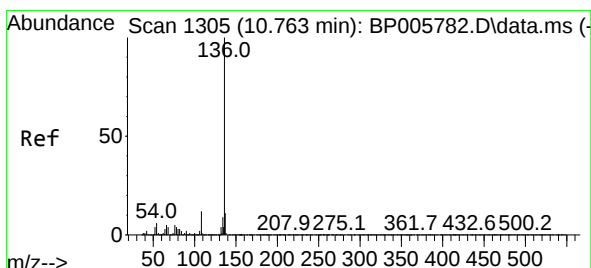
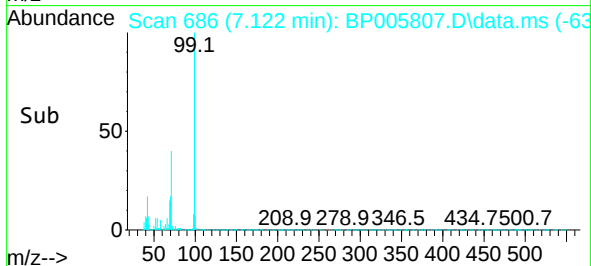
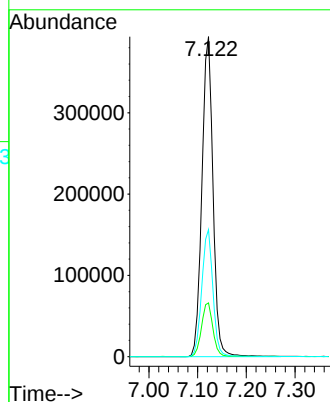
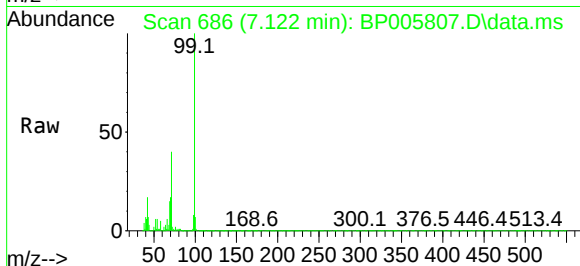




#7  
Phenol-d6  
Concen: 106.796 ng  
RT: 7.122 min Scan# 686  
Delta R.T. 0.000 min  
Lab File: BP005807.D  
Acq: 09 Jun 2021 11:34

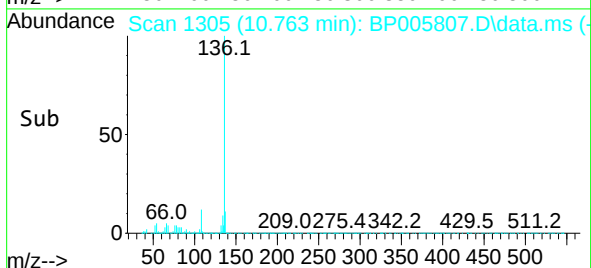
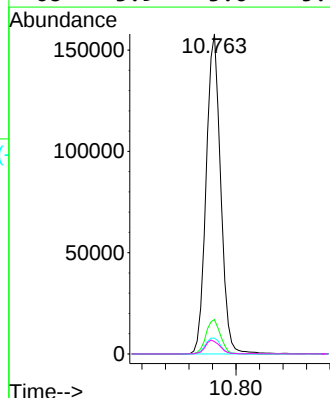
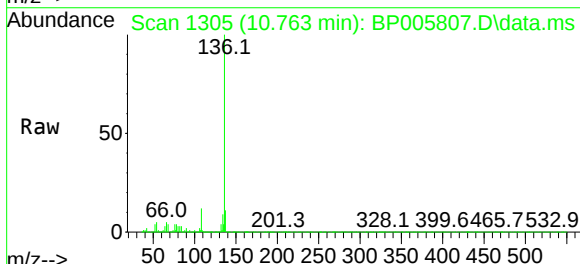
Instrument :  
BNA\_P  
ClientSampleId :  
18-B10(2-4)

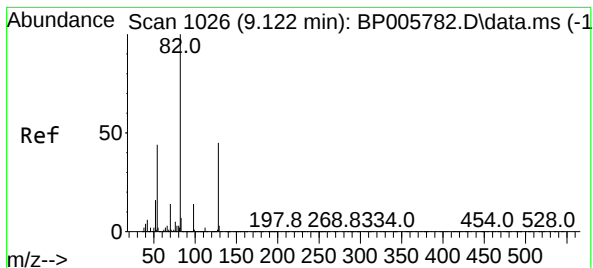
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 99    | Resp: | 626387 |
| Ion      | Ratio | Lower | Upper  |
| 99       | 100   |       |        |
| 42       | 16.8  | 13.4  | 20.0   |
| 71       | 39.7  | 30.6  | 46.0   |



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.763 min Scan# 1305  
Delta R.T. 0.000 min  
Lab File: BP005807.D  
Acq: 09 Jun 2021 11:34

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 270326 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.7  | 8.6   | 12.8   |
| 54       | 4.9   | 4.6   | 6.8    |
| 68       | 3.9   | 3.6   | 5.4    |

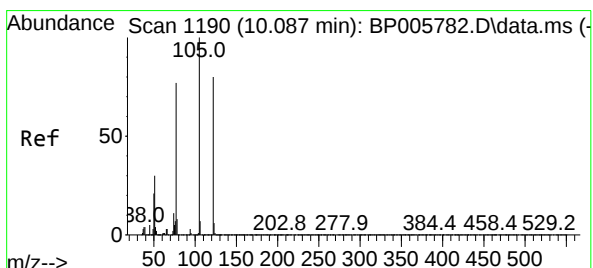
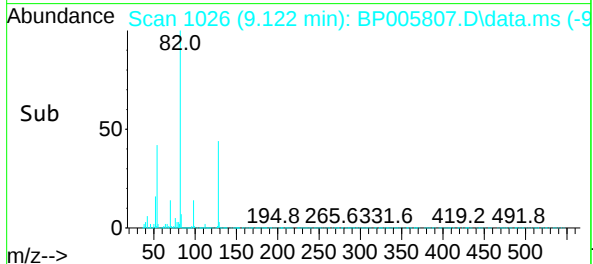
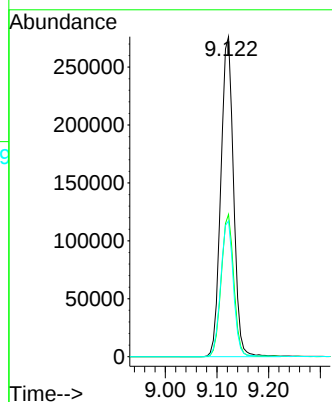
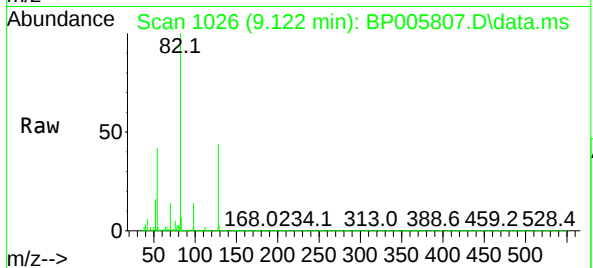




#23  
Nitrobenzene-d5  
Concen: 85.586 ng  
RT: 9.122 min Scan# 1026  
Delta R.T. 0.000 min  
Lab File: BP005807.D  
Acq: 09 Jun 2021 11:34

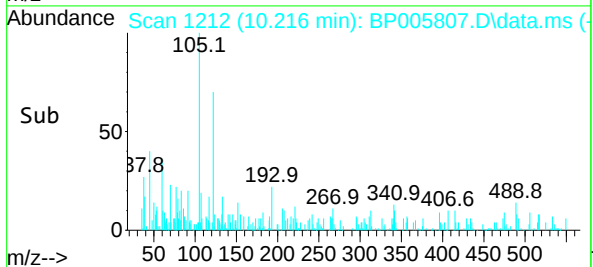
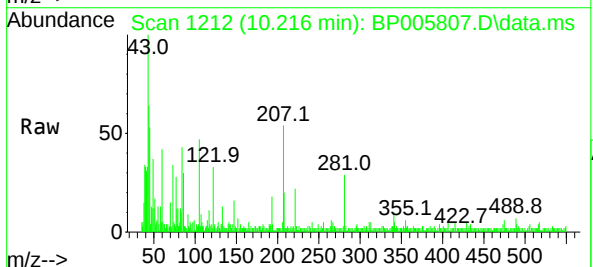
Instrument :  
BNA\_P  
ClientSampleId :  
18-B10(2-4)

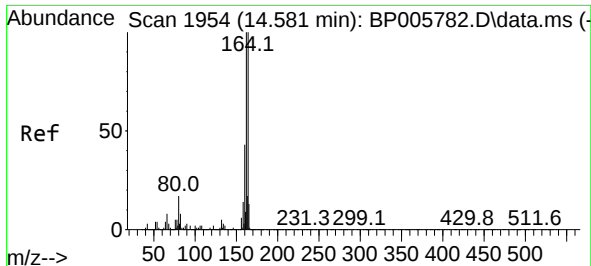
Tgt Ion: 82 Resp: 471906  
Ion Ratio Lower Upper  
82 100  
128 44.4 35.7 53.5  
54 42.5 35.0 52.4



#32  
Benzoic acid  
Concen: 6.329 ng  
RT: 10.216 min Scan# 1212  
Delta R.T. 0.129 min  
Lab File: BP005807.D  
Acq: 09 Jun 2021 11:34

Tgt Ion: 122 Resp: 35  
Ion Ratio Lower Upper  
122 100  
105 142.5 103.2 143.2  
77 85.0 76.2 116.2

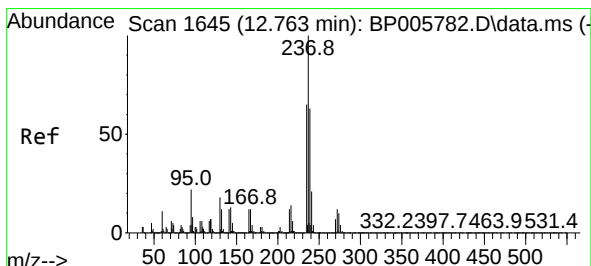
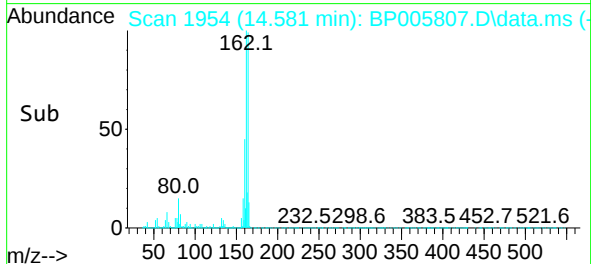
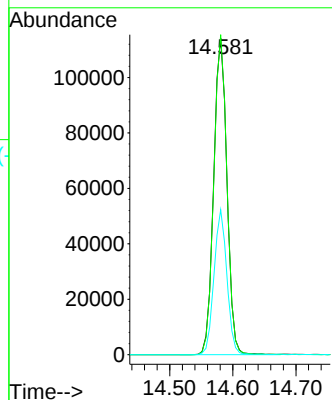
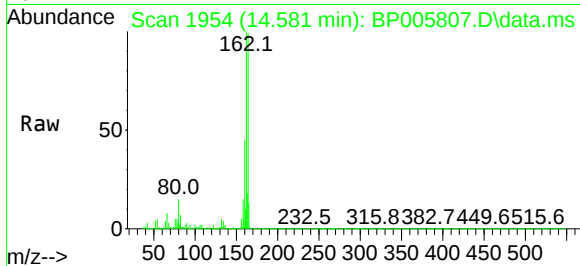




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.581 min Scan# 1954  
Delta R.T. -0.000 min  
Lab File: BP005807.D  
Acq: 09 Jun 2021 11:34

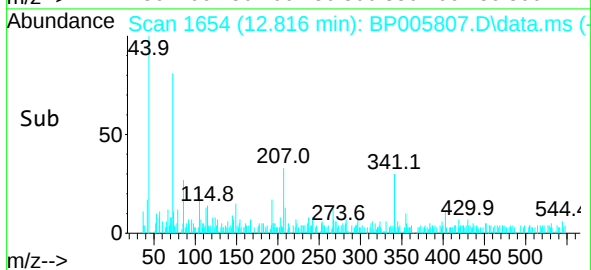
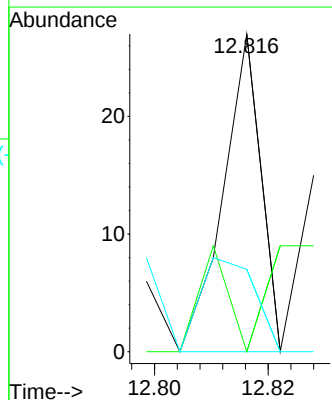
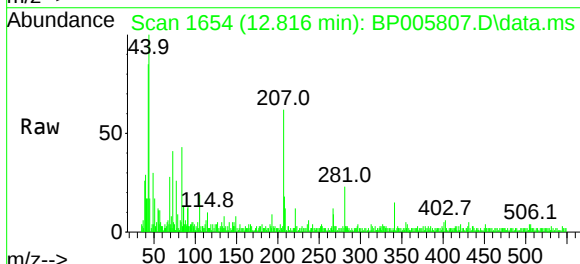
Instrument :  
BNA\_P  
ClientSampleId :  
18-B10(2-4)

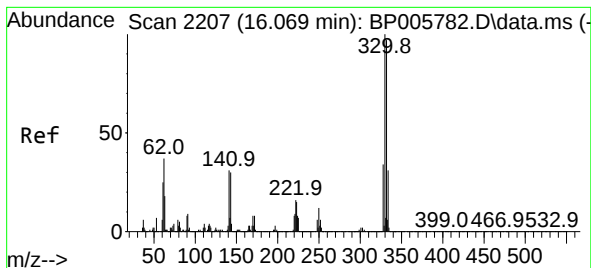
Tgt Ion:164 Resp: 166603  
Ion Ratio Lower Upper  
164 100  
162 101.1 80.2 120.2  
160 45.8 34.5 51.7



#41  
Hexachlorocyclopentadiene  
Concen: 5.508 ng  
RT: 12.816 min Scan# 1654  
Delta R.T. 0.053 min  
Lab File: BP005807.D  
Acq: 09 Jun 2021 11:34

Tgt Ion:237 Resp: 12  
Ion Ratio Lower Upper  
237 100  
235 70.4 44.5 84.5  
272 25.9 0.0 32.5

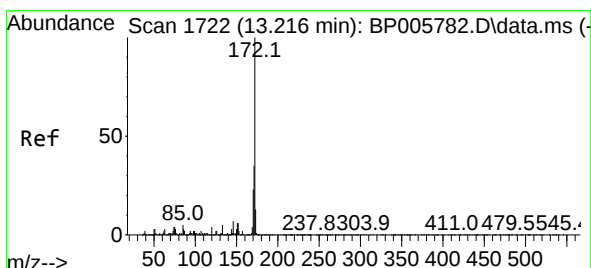
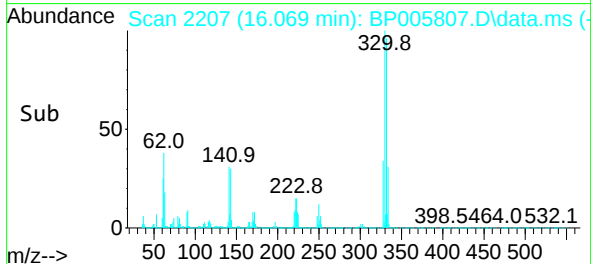
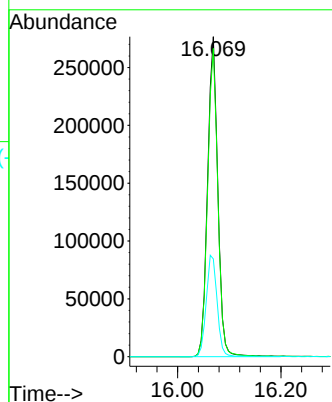
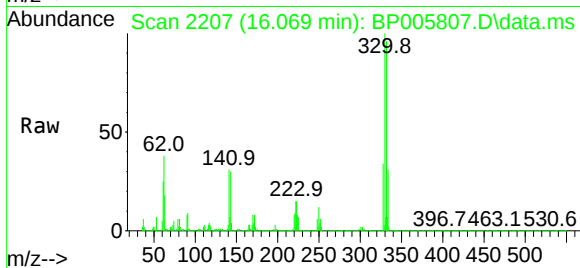




#42  
2,4,6-Tribromophenol  
Concen: 133.020 ng  
RT: 16.069 min Scan# 2207  
Delta R.T. 0.000 min  
Lab File: BP005807.D  
Acq: 09 Jun 2021 11:34

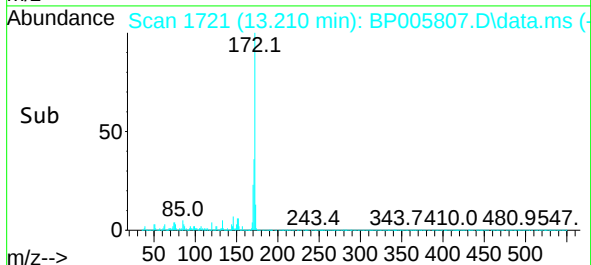
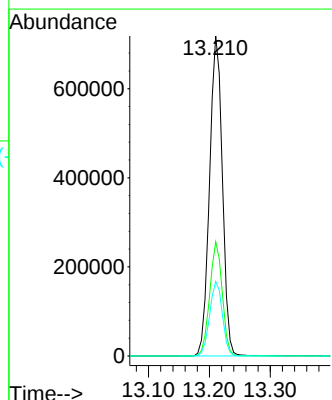
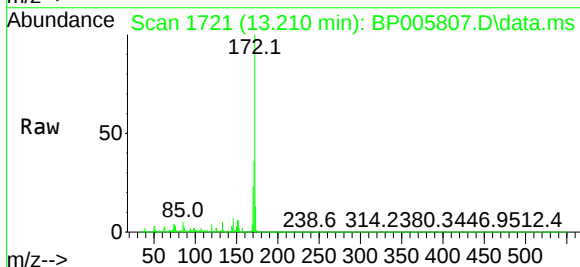
Instrument :  
BNA\_P  
ClientSampleId :  
18-B10(2-4)

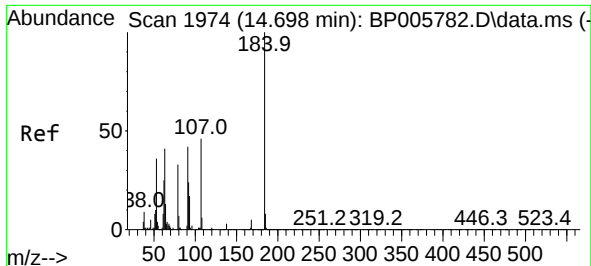
Tgt Ion:330 Resp: 380308  
Ion Ratio Lower Upper  
330 100  
332 96.7 77.8 116.8  
141 33.6 25.4 38.2



#45  
2-Fluorobiphenyl  
Concen: 82.941 ng  
RT: 13.210 min Scan# 1721  
Delta R.T. -0.006 min  
Lab File: BP005807.D  
Acq: 09 Jun 2021 11:34

Tgt Ion:172 Resp: 1052308  
Ion Ratio Lower Upper  
172 100  
171 35.7 27.9 41.9  
170 23.3 18.6 27.8

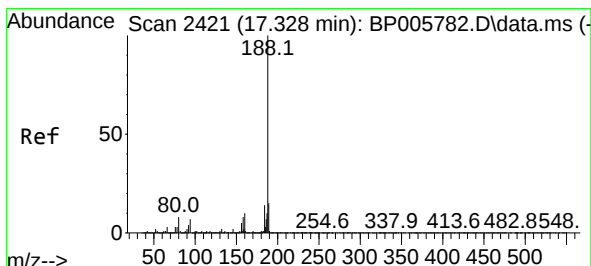
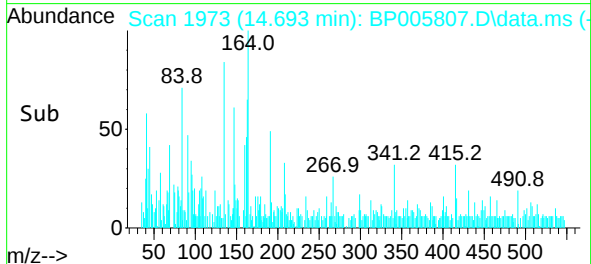
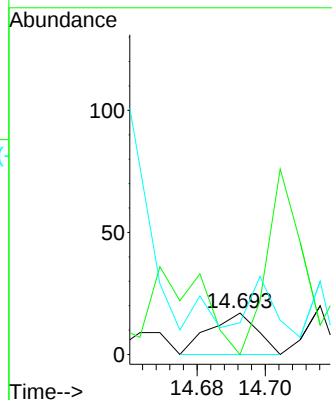
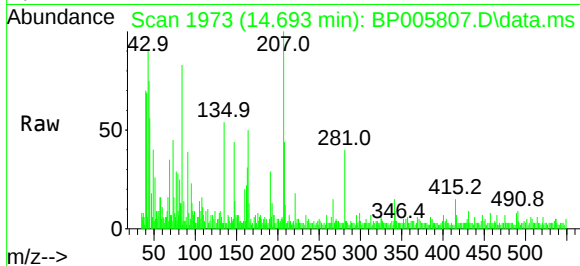




#54  
2,4-Dinitrophenol  
Concen: 4.858 ng  
RT: 14.693 min Scan# 1973  
Delta R.T. -0.005 min  
Lab File: BP005807.D  
Acq: 09 Jun 2021 11:34

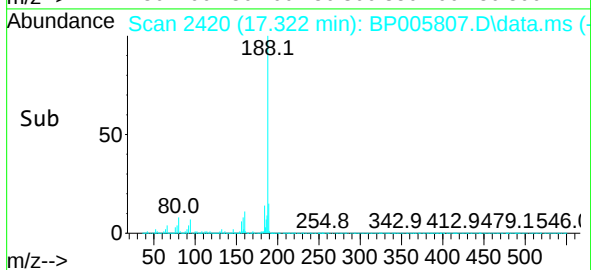
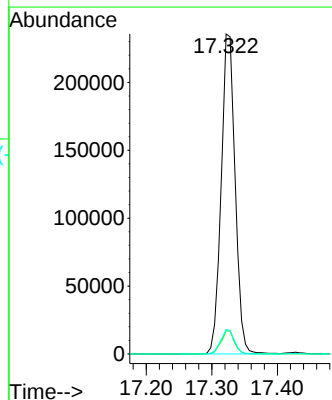
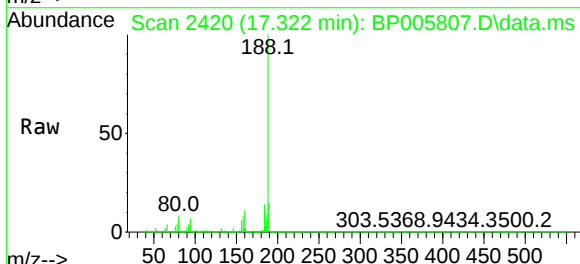
Instrument :  
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18-B10(2-4)

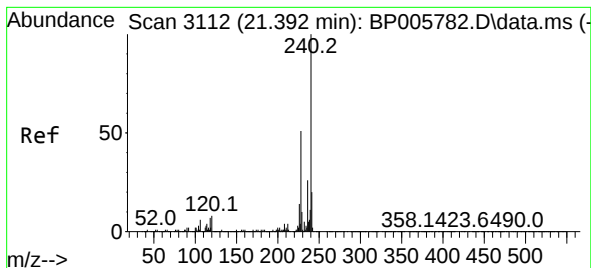
Tgt Ion:184 Resp: 17  
Ion Ratio Lower Upper  
184 100  
63 0.0 47.0 70.6#  
154 76.5 52.3 78.5



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.322 min Scan# 2420  
Delta R.T. -0.006 min  
Lab File: BP005807.D  
Acq: 09 Jun 2021 11:34

Tgt Ion:188 Resp: 346729  
Ion Ratio Lower Upper  
188 100  
94 7.2 5.6 8.4  
80 7.7 6.3 9.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.392 min Scan# 3112

Delta R.T. 0.000 min

Lab File: BP005807.D

Acq: 09 Jun 2021 11:34

Tgt Ion:240 Resp: 404259

Ion Ratio Lower Upper

240 100

120 8.3 6.5 9.7

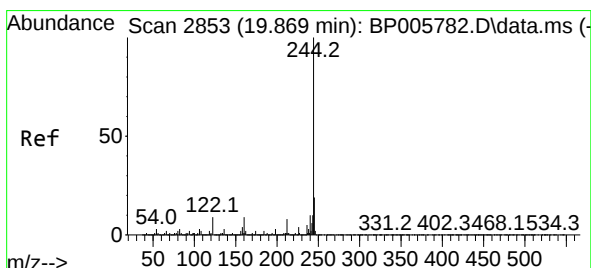
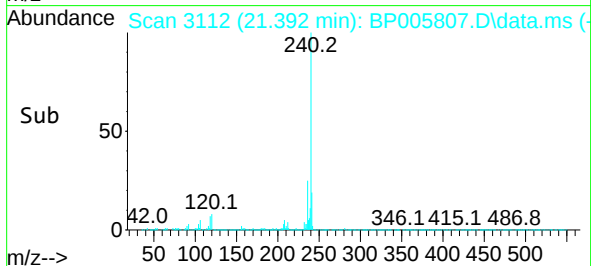
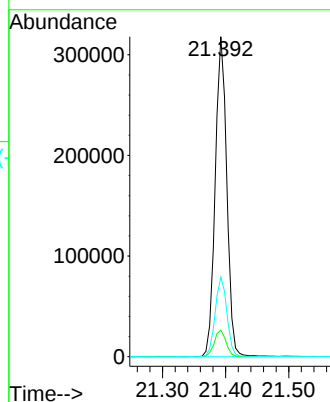
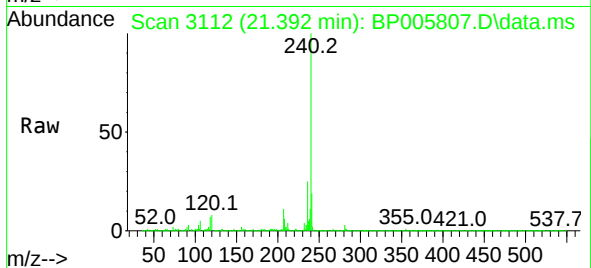
236 24.9 20.6 31.0

Instrument :

BNA\_P

ClientSampleId :

18-B10(2-4)



#79

Terphenyl-d14

Concen: 85.549 ng

RT: 19.875 min Scan# 2854

Delta R.T. 0.006 min

Lab File: BP005807.D

Acq: 09 Jun 2021 11:34

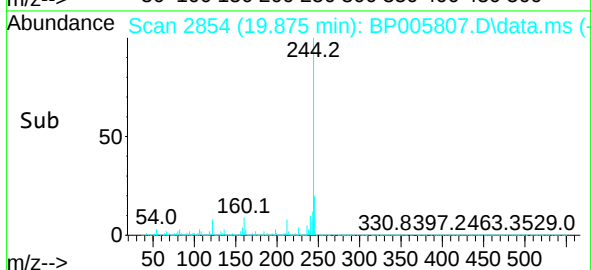
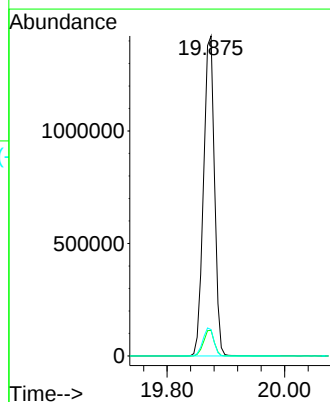
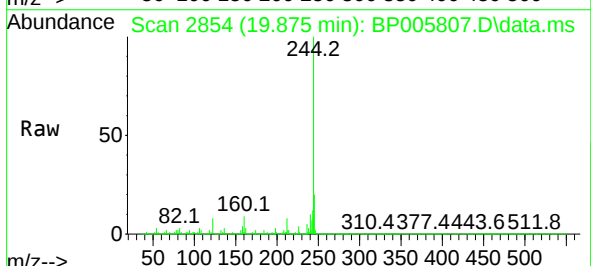
Tgt Ion:244 Resp: 1846957

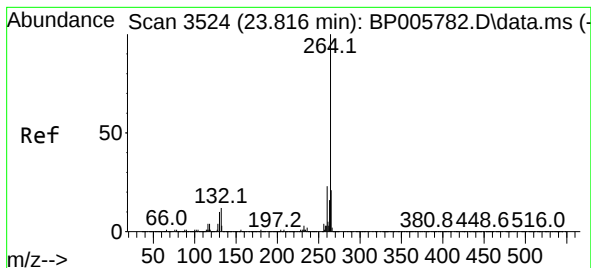
Ion Ratio Lower Upper

244 100

212 8.0 6.0 9.0

122 8.3 7.1 10.7





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.816 min Scan# 3524

Delta R.T. 0.000 min

Lab File: BP005807.D

Acq: 09 Jun 2021 11:34

Instrument :

BNA\_P

ClientSampleId :

18-B10(2-4)

Tgt Ion:264 Resp: 469371

Ion Ratio Lower Upper

264 100

260 24.3 18.6 28.0

265 22.9 17.6 26.4

