

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP033022\  
 Data File : BP009618.D  
 Acq On : 30 Mar 2022 14:43  
 Operator : CG/JU  
 Sample : PB143709BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB143709BL

Quant Time: Mar 31 04:39:39 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP031722.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 31 04:36:51 2022  
 Response via : Initial Calibration

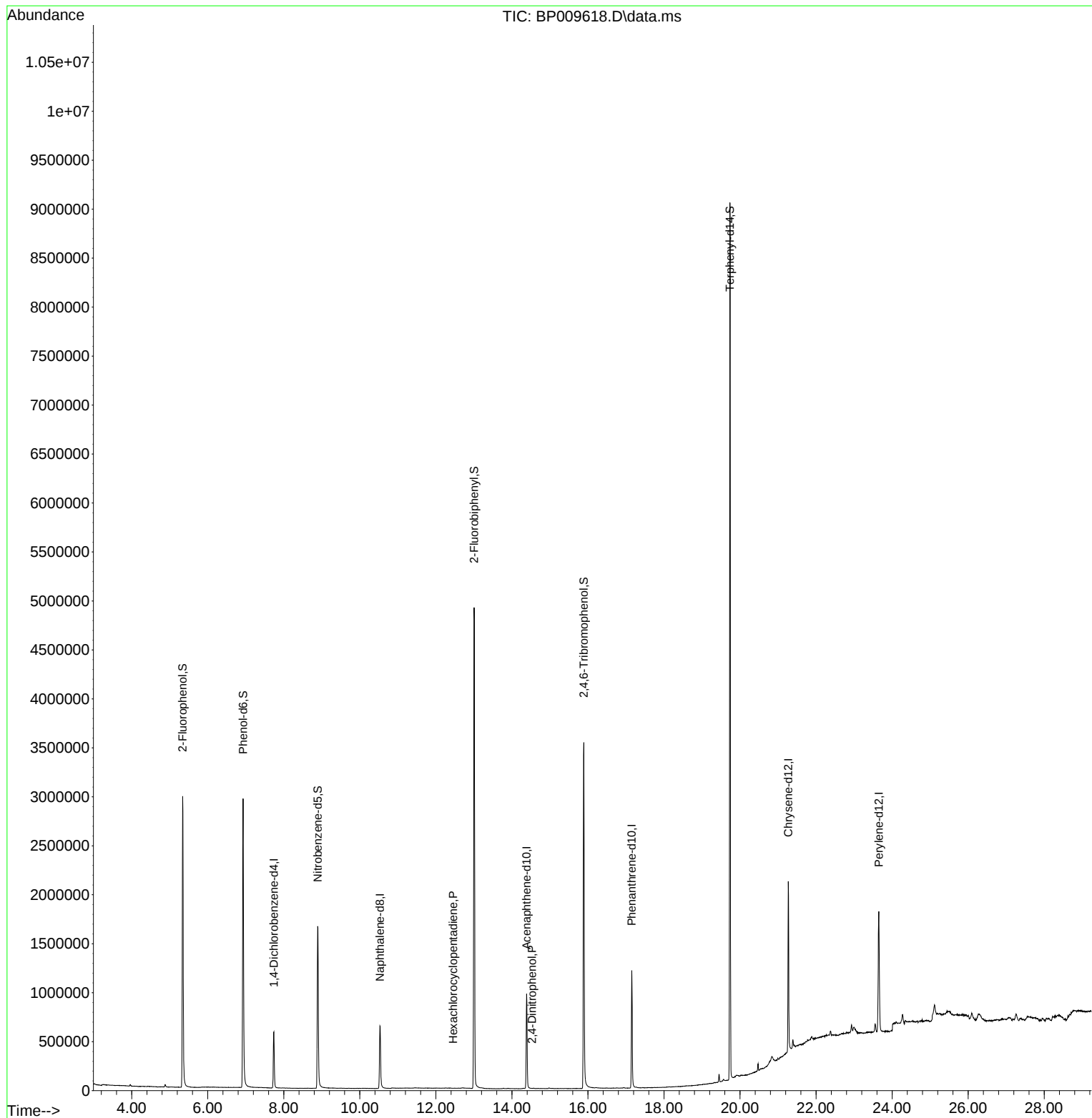
| Compound                      | R.T.   | QIon | Response | Conc      | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|-------|----------|
| -----                         |        |      |          |           |       |          |
| Internal Standards            |        |      |          |           |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.740  | 152  | 190078   | 20.000    | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.528 | 136  | 704302   | 20.000    | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.387 | 164  | 394442   | 20.000    | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.151 | 188  | 866906   | 20.000    | ng    | 0.00     |
| 76) Chrysene-d12              | 21.269 | 240  | 981275   | 20.000    | ng    | # 0.00   |
| 86) Perylene-d12              | 23.651 | 264  | 1083669  | 20.000    | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |           |       |          |
| 5) 2-Fluorophenol             | 5.340  | 112  | 1586188  | 145.697   | ng    | 0.00     |
| 7) Phenol-d6                  | 6.928  | 99   | 2084847  | 141.605   | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.893  | 82   | 1202931  | 90.763    | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.892 | 330  | 972812   | 149.457   | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.004 | 172  | 3024995  | 106.315   | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.733 | 244  | 4977245  | 91.041    | ng    | 0.00     |
| Target Compounds              |        |      |          |           |       |          |
| 9) Benzaldehyde               | 6.840  | 77   | 219      | Below Cal | #     | 40       |
| 41) Hexachlorocyclopentadiene | 12.457 | 237  | 28       | 7.293     | ng    | 76       |
| 54) 2,4-Dinitrophenol         | 14.528 | 184  | 10       | 4.535     | ng    | # 1      |
| -----                         |        |      |          |           |       |          |

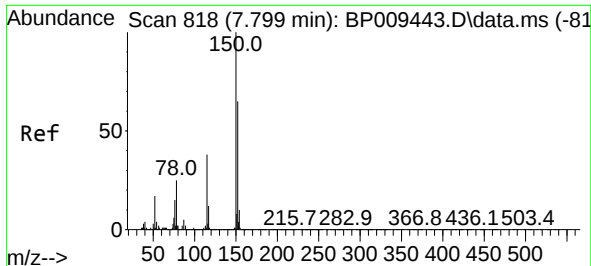
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP033022\  
Data File : BP009618.D  
Acq On : 30 Mar 2022 14:43  
Operator : CG/JU  
Sample : PB143709BL  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
PB143709BL

Quant Time: Mar 31 04:39:39 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP031722.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Mar 31 04:36:51 2022  
Response via : Initial Calibration

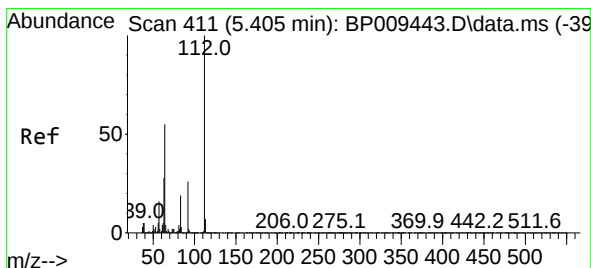
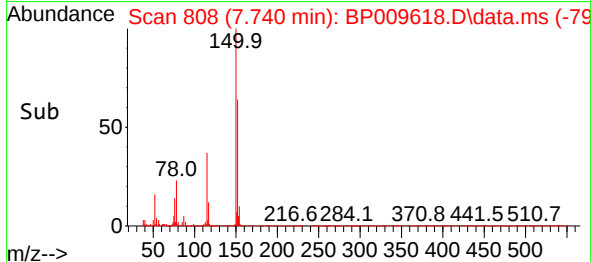
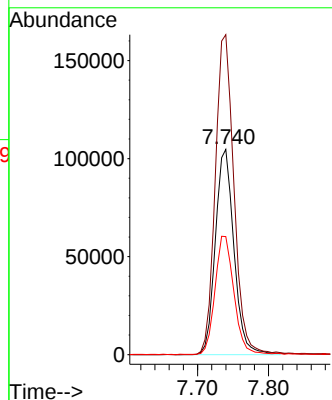
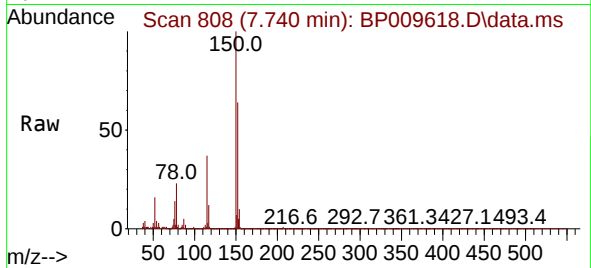




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.740 min Scan# 80  
Delta R.T. -0.000 min  
Lab File: BP009618.D  
Acq: 30 Mar 2022 14:43

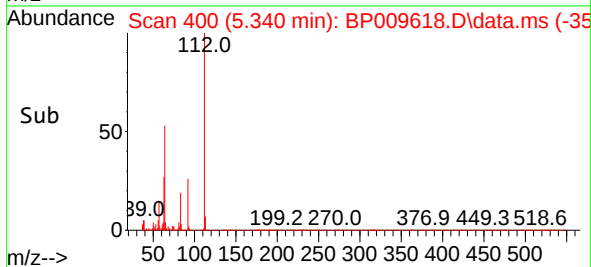
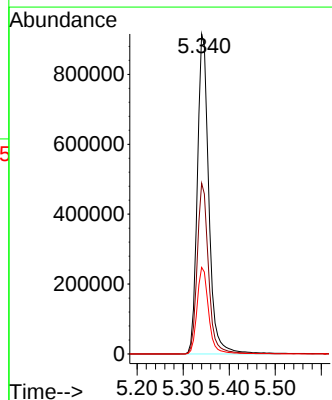
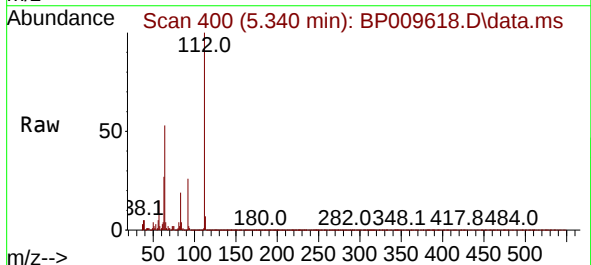
Instrument :  
BNA\_P  
ClientSampleId :  
PB143709BL

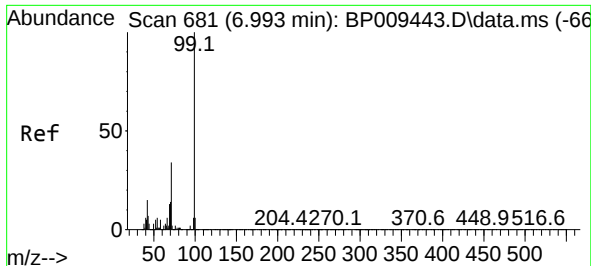
Tgt Ion:152 Resp: 190078  
Ion Ratio Lower Upper  
152 100  
150 155.9 124.5 186.7  
115 57.5 48.2 72.4



#5  
2-Fluorophenol  
Concen: 145.697 ng  
RT: 5.340 min Scan# 400  
Delta R.T. -0.006 min  
Lab File: BP009618.D  
Acq: 30 Mar 2022 14:43

Tgt Ion:112 Resp: 1586188  
Ion Ratio Lower Upper  
112 100  
64 53.4 45.0 67.4  
63 27.1 23.0 34.6



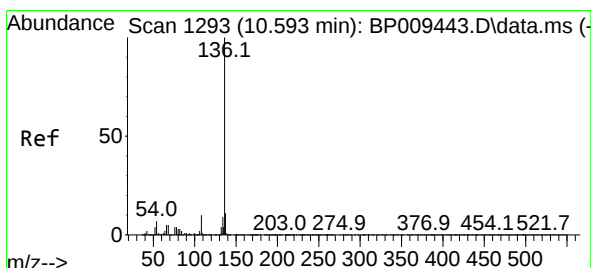
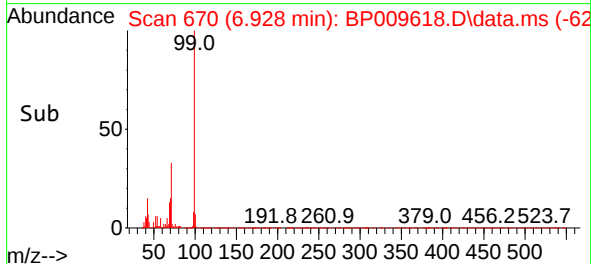
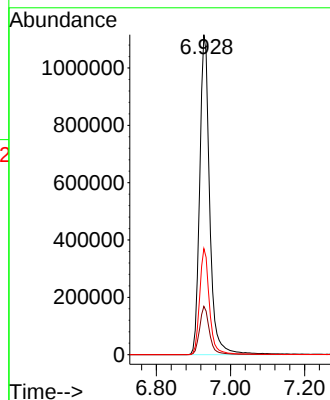
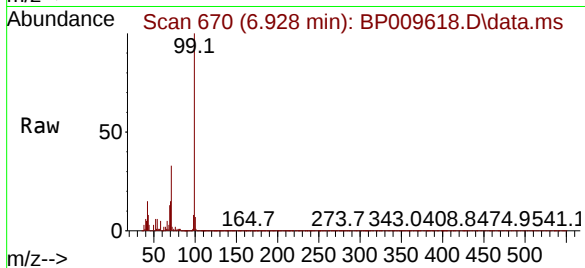


#7  
Phenol-d6  
Concen: 141.605 ng  
RT: 6.928 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BP009618.D  
Acq: 30 Mar 2022 14:43

Instrument :  
BNA\_P  
ClientSampleId :  
PB143709BL

Tgt Ion: 99 Resp: 2084847

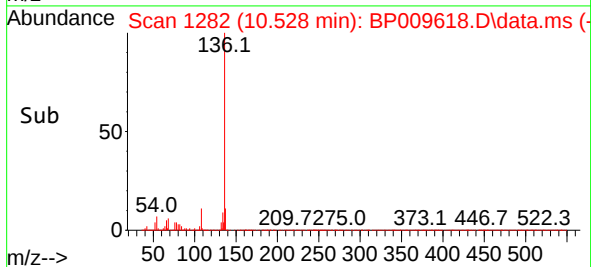
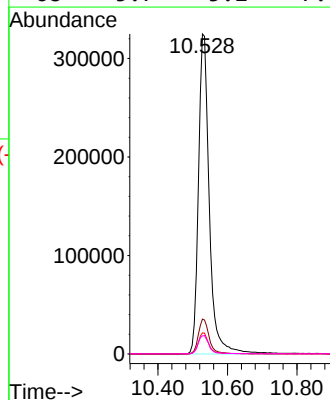
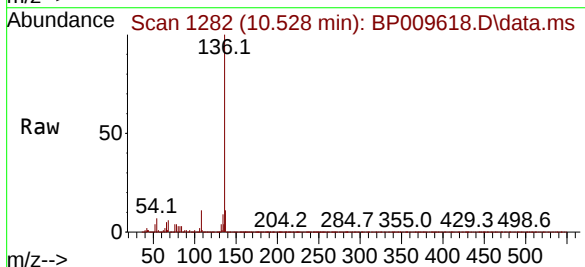
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 15.1  | 12.8  | 19.2  |
| 71  | 33.2  | 26.3  | 39.5  |

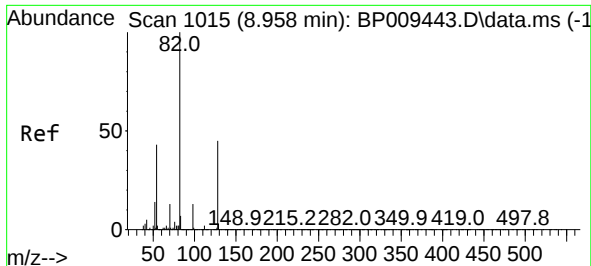


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.528 min Scan# 1282  
Delta R.T. -0.006 min  
Lab File: BP009618.D  
Acq: 30 Mar 2022 14:43

Tgt Ion: 136 Resp: 704302

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.9  | 8.6   | 12.8  |
| 54  | 6.6   | 5.8   | 8.8   |
| 68  | 5.7   | 5.2   | 7.8   |

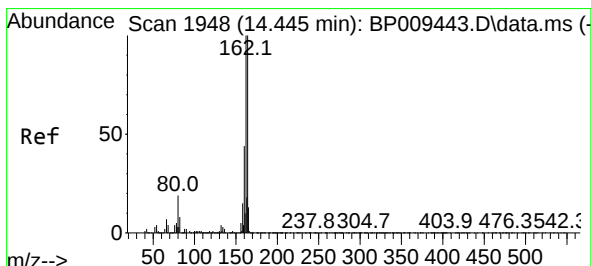
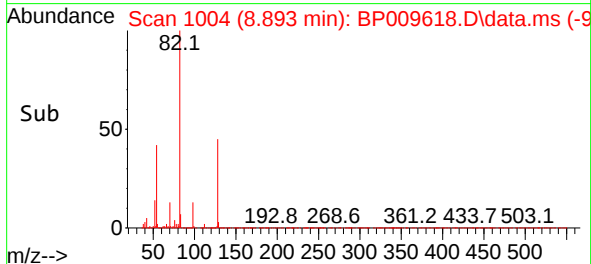
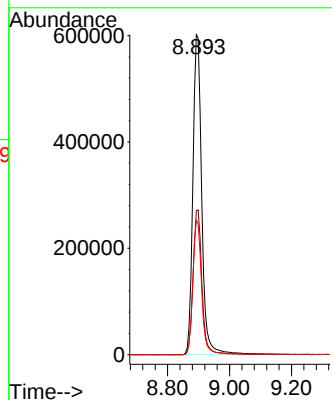
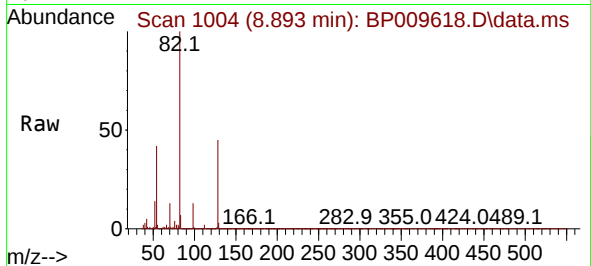




#23  
Nitrobenzene-d5  
Concen: 90.763 ng  
RT: 8.893 min Scan# 1004  
Delta R.T. -0.006 min  
Lab File: BP009618.D  
Acq: 30 Mar 2022 14:43

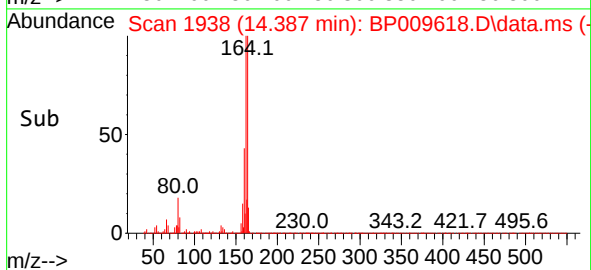
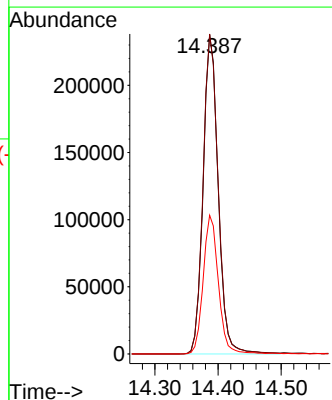
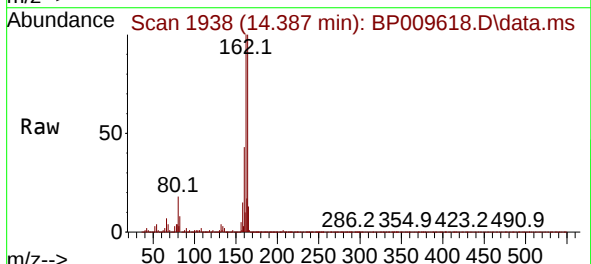
Instrument :  
BNA\_P  
ClientSampleId :  
PB143709BL

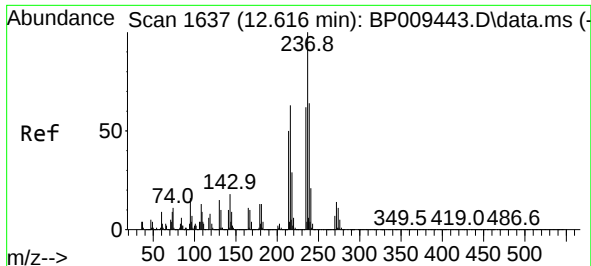
Tgt Ion: 82 Resp: 1202931  
Ion Ratio Lower Upper  
82 100  
128 45.0 34.2 51.4  
54 41.9 34.7 52.1



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.387 min Scan# 1938  
Delta R.T. -0.006 min  
Lab File: BP009618.D  
Acq: 30 Mar 2022 14:43

Tgt Ion: 164 Resp: 394442  
Ion Ratio Lower Upper  
164 100  
162 100.2 79.1 118.7  
160 43.4 34.9 52.3

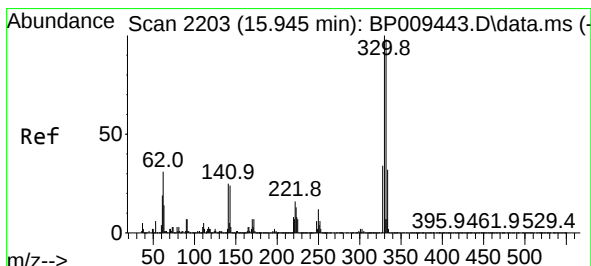
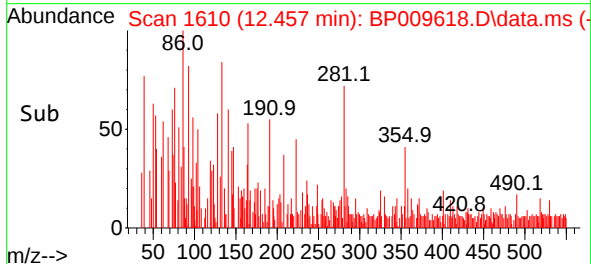
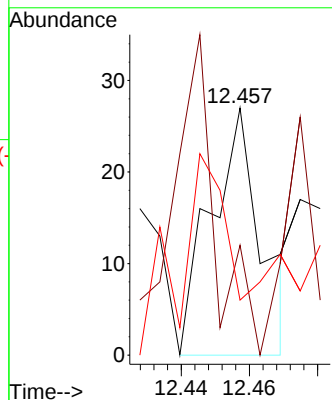
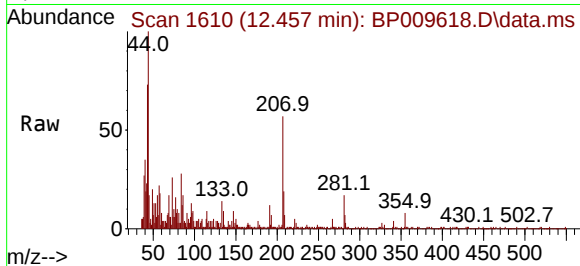




#41  
Hexachlorocyclopentadiene  
Concen: 7.293 ng  
RT: 12.457 min Scan# 1  
Delta R.T. -0.100 min  
Lab File: BP009618.D  
Acq: 30 Mar 2022 14:43

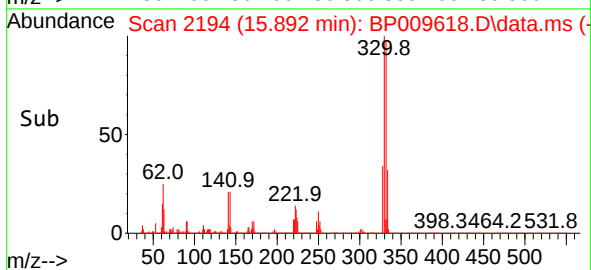
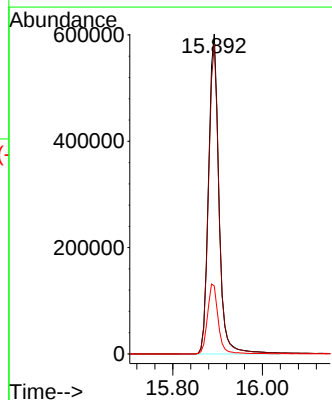
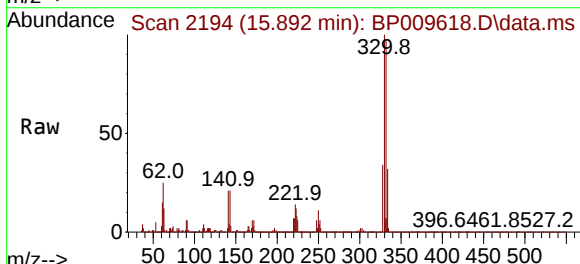
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BNA\_P  
ClientSampleId :  
PB143709BL

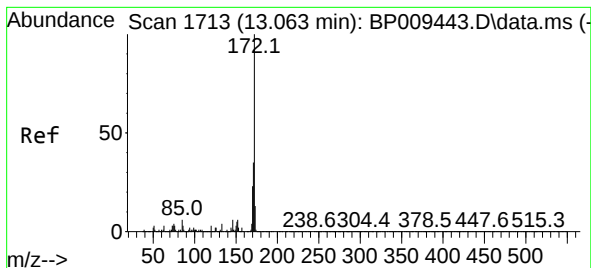
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:237 | Resp: | 28        |
| Ion Ratio   | Lower | Upper     |
| 237         | 100   |           |
| 235         | 44.4  | 42.6 82.6 |
| 272         | 22.2  | 0.0 32.8  |



#42  
2,4,6-Tribromophenol  
Concen: 149.457 ng  
RT: 15.892 min Scan# 2194  
Delta R.T. 0.000 min  
Lab File: BP009618.D  
Acq: 30 Mar 2022 14:43

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:330 | Resp: | 972812     |
| Ion Ratio   | Lower | Upper      |
| 330         | 100   |            |
| 332         | 97.4  | 77.0 115.6 |
| 141         | 22.6  | 27.6 41.4# |





#45

2-Fluorobiphenyl

Concen: 106.315 ng

RT: 13.004 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP009618.D

Acq: 30 Mar 2022 14:43

Instrument :

BNA\_P

ClientSampleId :

PB143709BL

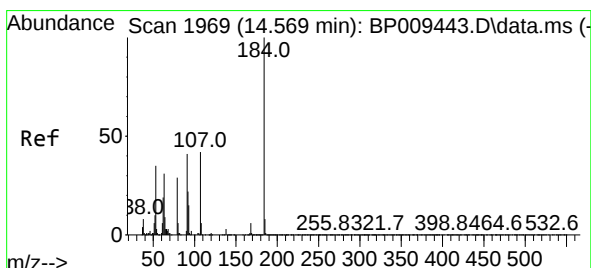
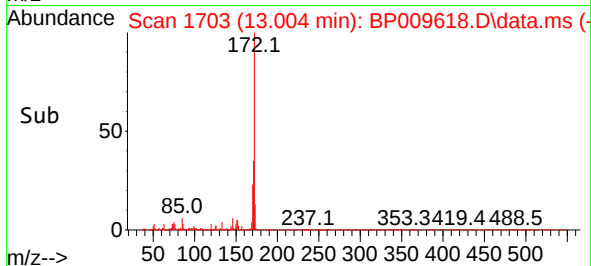
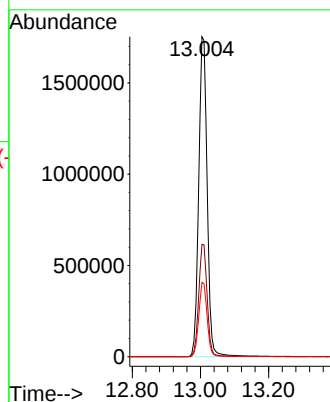
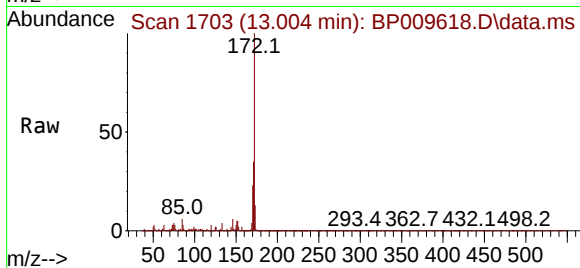
Tgt Ion:172 Resp: 3024995

Ion Ratio Lower Upper

172 100

171 35.1 28.0 42.0

170 23.2 18.6 27.8



#54

2,4-Dinitrophenol

Concen: 4.535 ng

RT: 14.528 min Scan# 1962

Delta R.T. 0.000 min

Lab File: BP009618.D

Acq: 30 Mar 2022 14:43

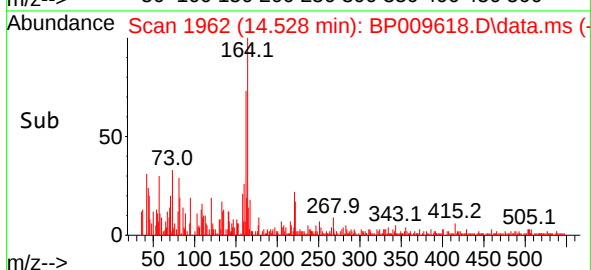
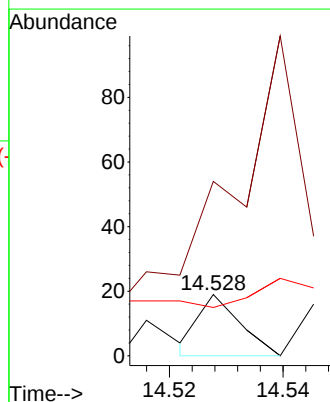
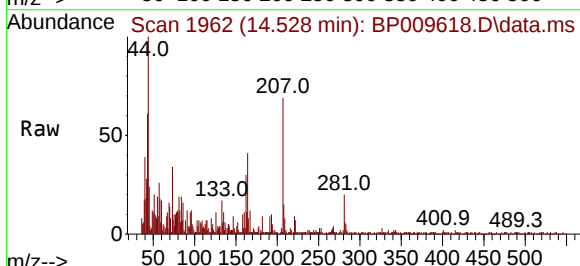
Tgt Ion:184 Resp: 10

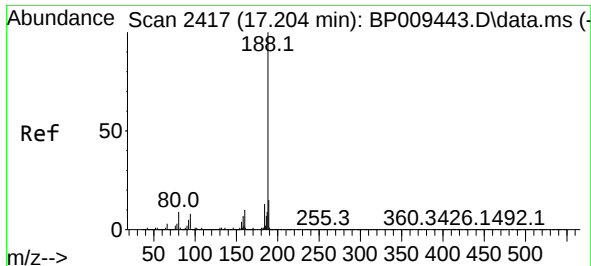
Ion Ratio Lower Upper

184 100

63 284.2 46.3 69.5#

154 78.9 45.8 68.6#

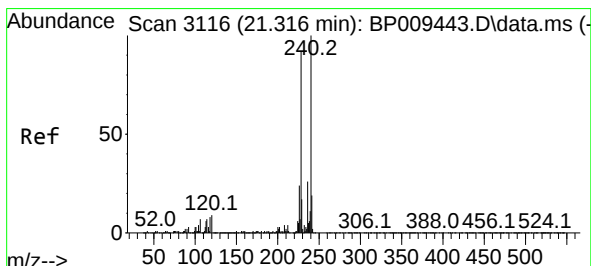
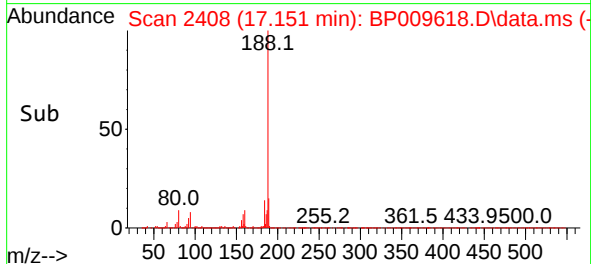
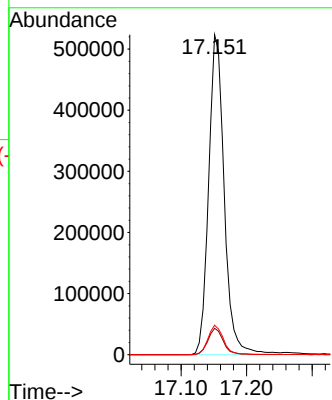
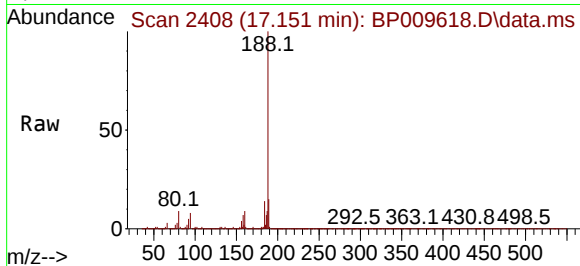




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.151 min Scan# 2417  
Delta R.T. -0.006 min  
Lab File: BP009618.D  
Acq: 30 Mar 2022 14:43

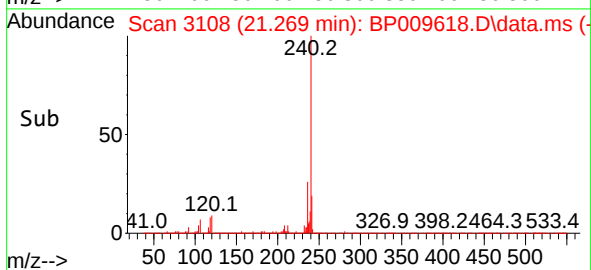
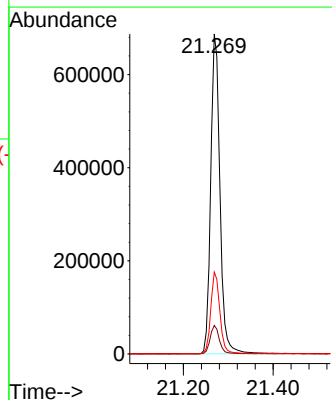
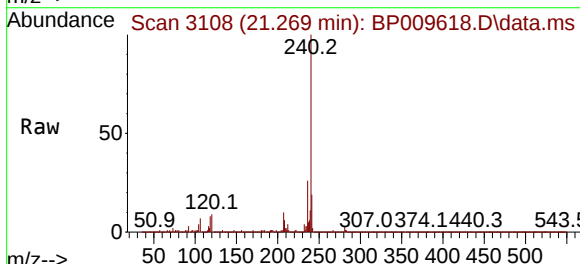
Instrument :  
BNA\_P  
ClientSampleId :  
PB143709BL

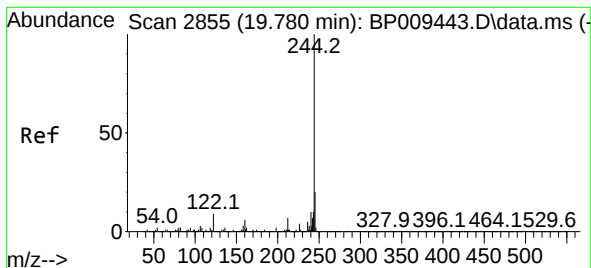
Tgt Ion:188 Resp: 866906  
Ion Ratio Lower Upper  
188 100  
94 8.3 7.9 11.9  
80 9.2 8.8 13.2



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.269 min Scan# 3108  
Delta R.T. -0.006 min  
Lab File: BP009618.D  
Acq: 30 Mar 2022 14:43

Tgt Ion:240 Resp: 981275  
Ion Ratio Lower Upper  
240 100  
120 8.9 9.0 13.4#  
236 25.6 20.6 30.8





#79

Terphenyl-d14

Concen: 91.041 ng

RT: 19.733 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP009618.D

Acq: 30 Mar 2022 14:43

Instrument :

BNA\_P

ClientSampleId :

PB143709BL

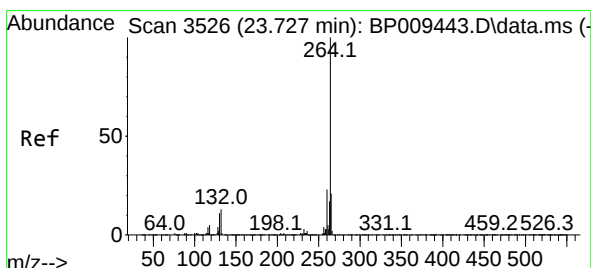
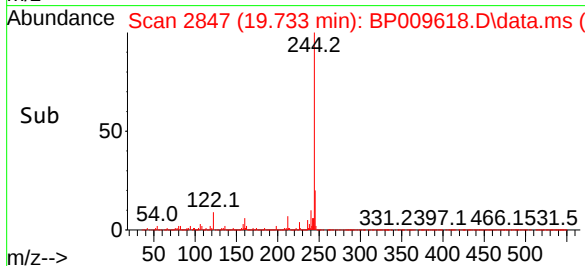
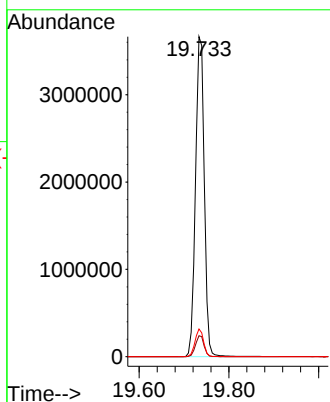
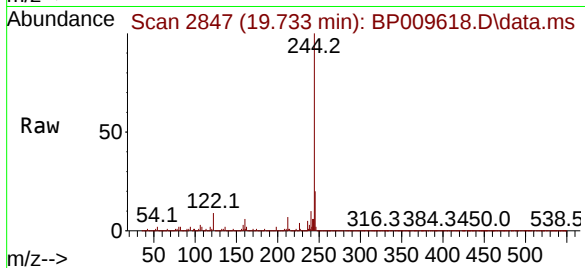
Tgt Ion:244 Resp: 4977245

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.6

122 8.6 8.3 12.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.651 min Scan# 3513

Delta R.T. 0.000 min

Lab File: BP009618.D

Acq: 30 Mar 2022 14:43

Tgt Ion:264 Resp: 1083669

Ion Ratio Lower Upper

264 100

260 23.5 19.4 29.0

265 21.9 17.2 25.8

