

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP061522\  
 Data File : BP010738.D  
 Acq On : 15 Jun 2022 20:05  
 Operator : CG/JU  
 Sample : N3354-23  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DUP061422

Quant Time: Jun 16 02:22:04 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP060722.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jun 16 00:00:39 2022  
 Response via : Initial Calibration

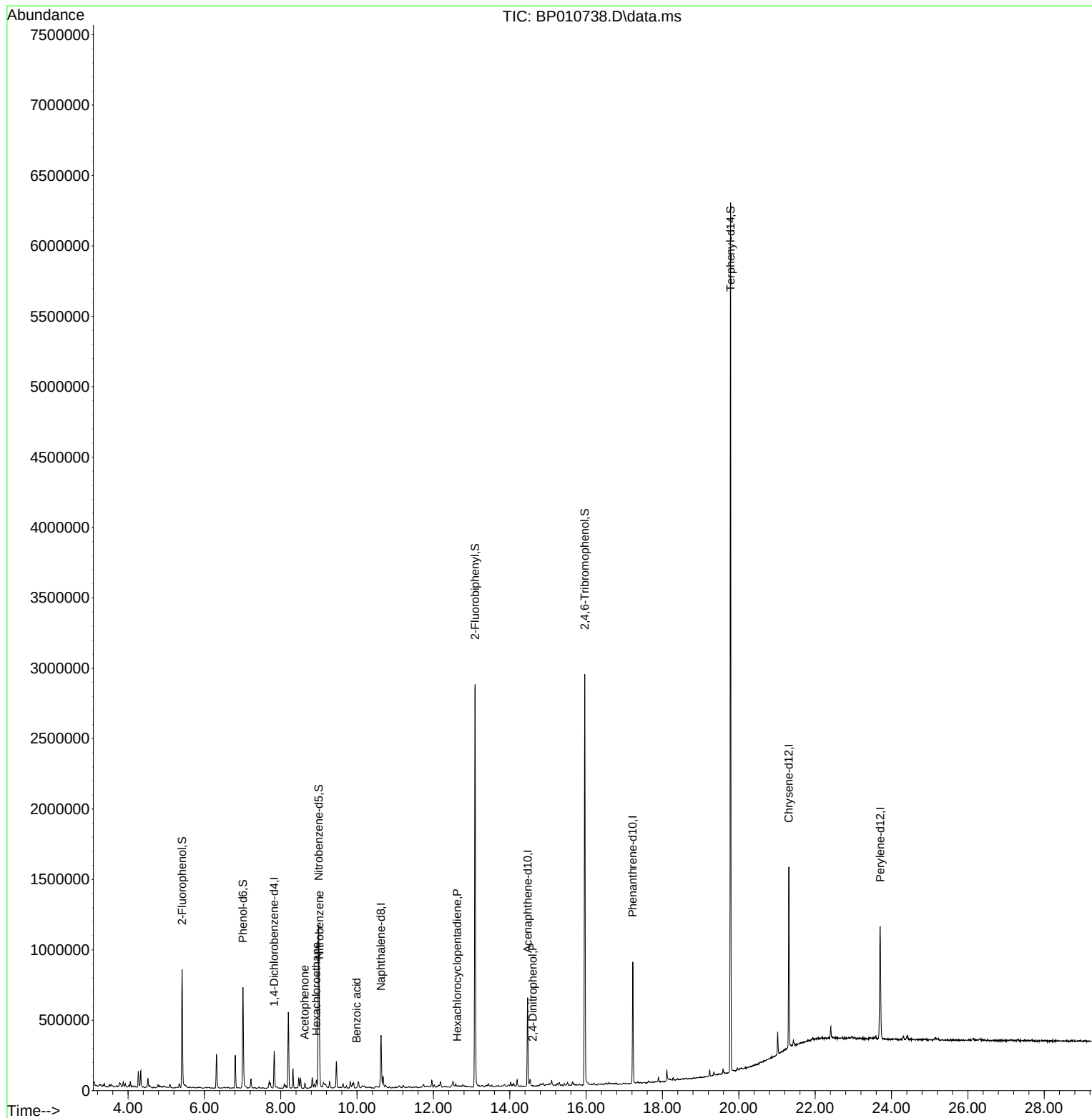
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.828  | 152  | 64603    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.628 | 136  | 281882   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.469 | 164  | 208522   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.222 | 188  | 493732   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.310 | 240  | 583204   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12              | 23.704 | 264  | 629186   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.417  | 112  | 316179   | 84.468  | ng    | 0.00     |
| 7) Phenol-d6                  | 7.011  | 99   | 366525   | 71.599  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.993  | 82   | 613551   | 102.503 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.963 | 330  | 516616   | 181.934 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.093 | 172  | 1432434  | 98.821  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.786 | 244  | 2878660  | 92.297  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 18) Hexachloroethane          | 8.934  | 117  | 17534    | 9.491   | ng    | # 28     |
| 22) Acetophenone              | 8.628  | 105  | 22552    | 3.002   | ng    | # 54     |
| 24) Nitrobenzene              | 9.010  | 77   | 12940    | 2.141   | ng    | # 1      |
| 32) Benzoic acid              | 9.987  | 122  | 341      | 6.180   | ng    | # 54     |
| 41) Hexachlorocyclopentadiene | 12.622 | 237  | 20       | 6.200   | ng    | 90       |
| 54) 2,4-Dinitrophenol         | 14.604 | 184  | 44       | 5.333   | ng    | # 1      |
| -----                         |        |      |          |         |       |          |

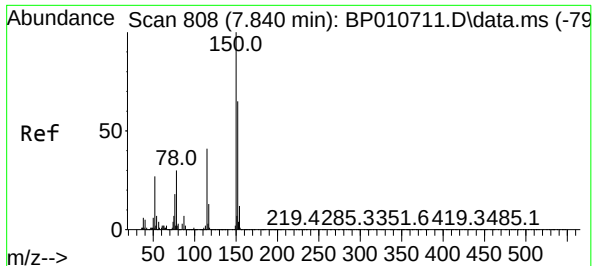
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 16 02:22:04 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP060722.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jun 16 00:00:39 2022  
Response via : Initial Calibration

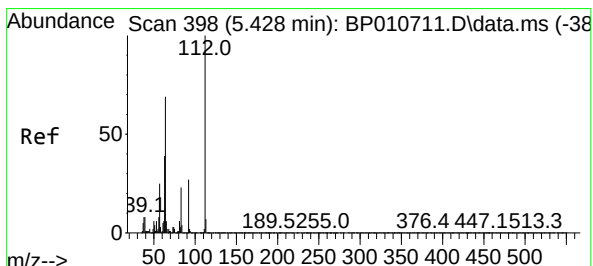
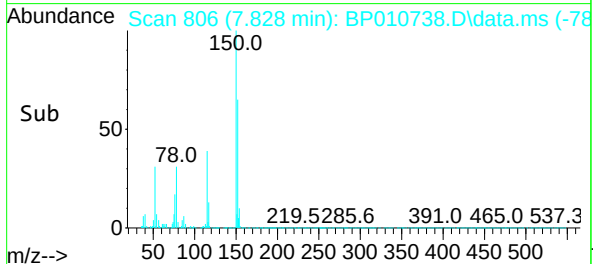
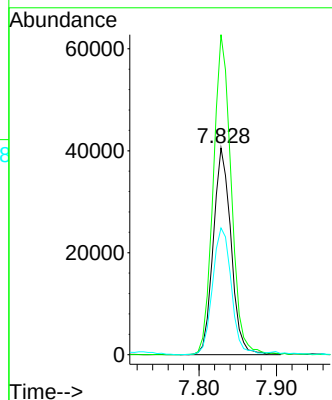
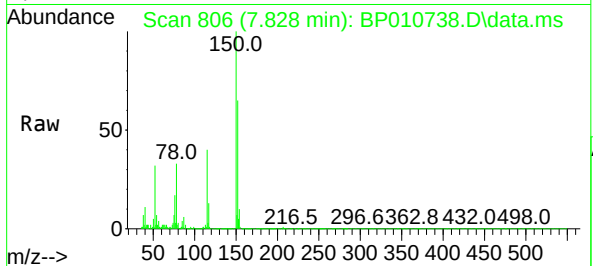




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.828 min Scan# 80  
Delta R.T. 0.000 min  
Lab File: BP010738.D  
Acq: 15 Jun 2022 20:05

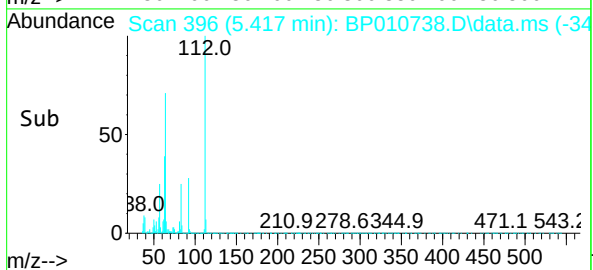
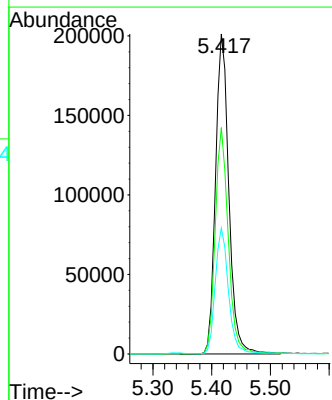
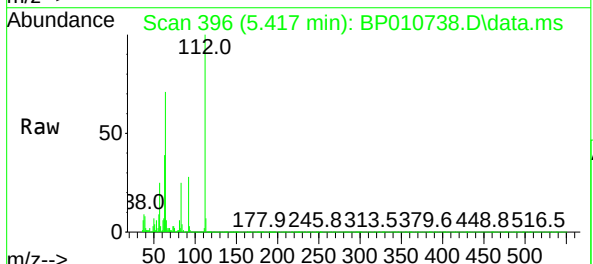
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BNA\_P  
ClientSampleId :  
DUP061422

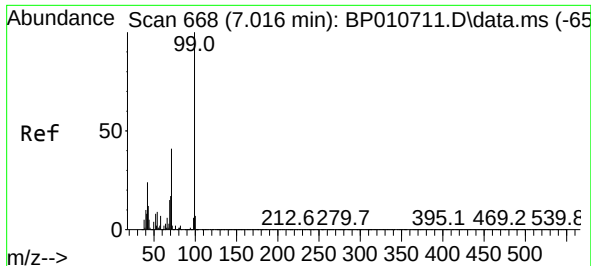
Tgt Ion:152 Resp: 64603  
Ion Ratio Lower Upper  
152 100  
150 154.8 123.4 185.2  
115 61.3 51.3 76.9



#5  
2-Fluorophenol  
Concen: 84.468 ng  
RT: 5.417 min Scan# 396  
Delta R.T. 0.000 min  
Lab File: BP010738.D  
Acq: 15 Jun 2022 20:05

Tgt Ion:112 Resp: 316179  
Ion Ratio Lower Upper  
112 100  
64 70.7 56.9 85.3  
63 39.4 31.2 46.8

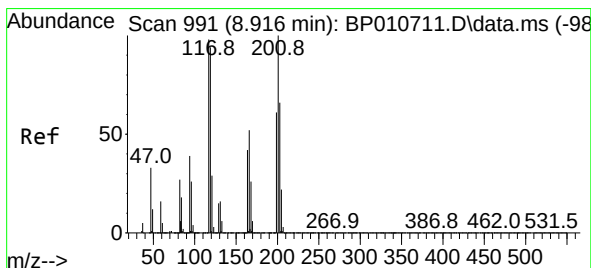
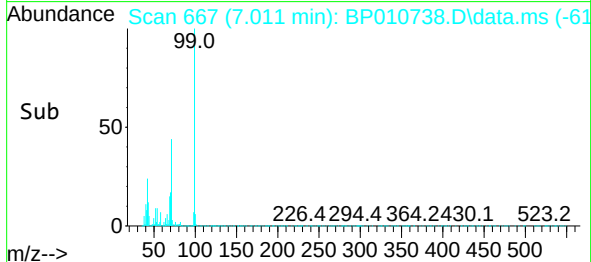
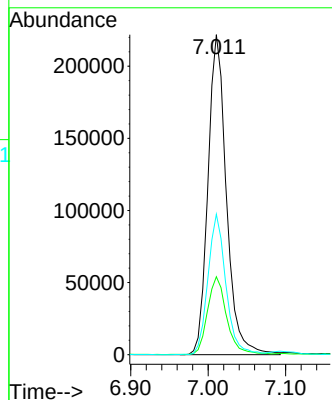
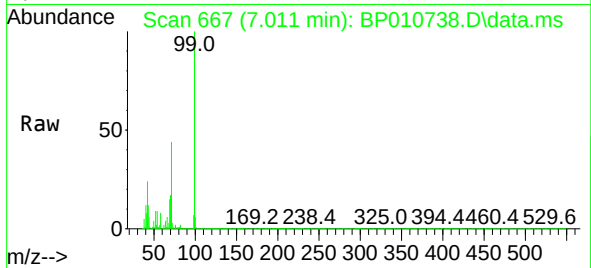




#7  
Phenol-d6  
Concen: 71.599 ng  
RT: 7.011 min Scan# 60  
Delta R.T. 0.000 min  
Lab File: BP010738.D  
Acq: 15 Jun 2022 20:05

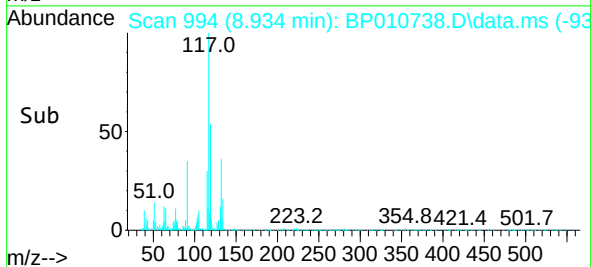
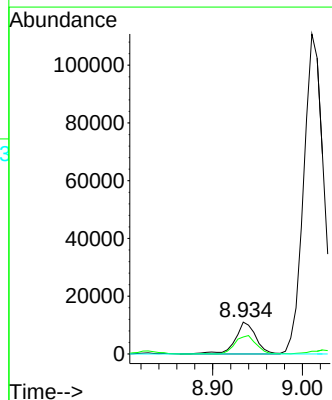
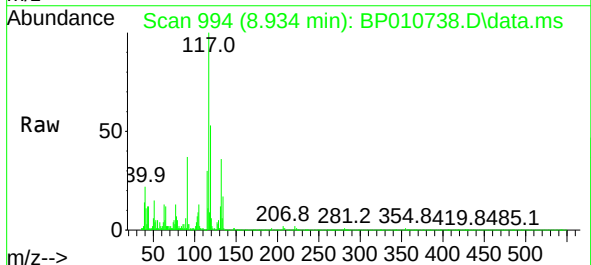
Instrument :  
BNA\_P  
ClientSampleId :  
DUP061422

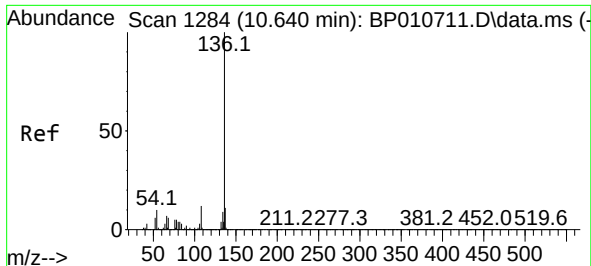
Tgt Ion: 99 Resp: 366525  
Ion Ratio Lower Upper  
99 100  
42 24.3 20.3 30.5  
71 43.9 33.9 50.9



#18  
Hexachloroethane  
Concen: 9.491 ng  
RT: 8.934 min Scan# 994  
Delta R.T. 0.030 min  
Lab File: BP010738.D  
Acq: 15 Jun 2022 20:05

Tgt Ion: 117 Resp: 17534  
Ion Ratio Lower Upper  
117 100  
119 53.3 75.6 113.4#  
201 0.1 80.9 121.3#



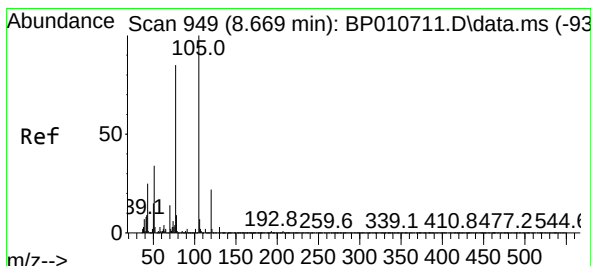
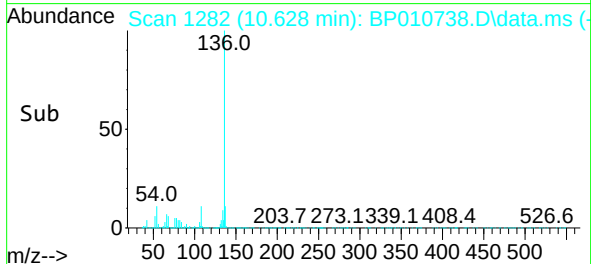
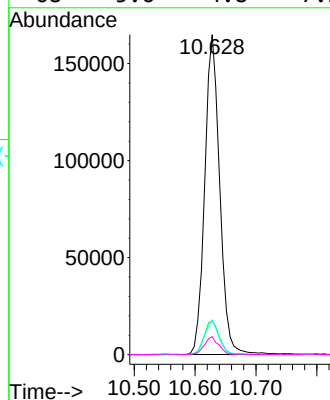
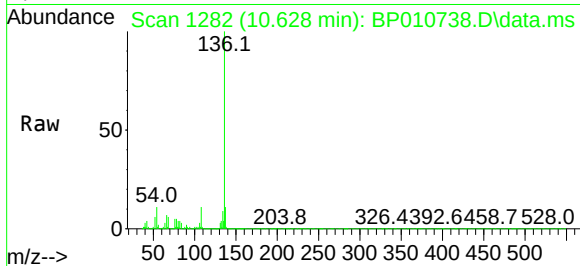


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.628 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BP010738.D  
Acq: 15 Jun 2022 20:05

Instrument :  
BNA\_P  
ClientSampleId :  
DUP061422

Tgt Ion:136 Resp: 281882

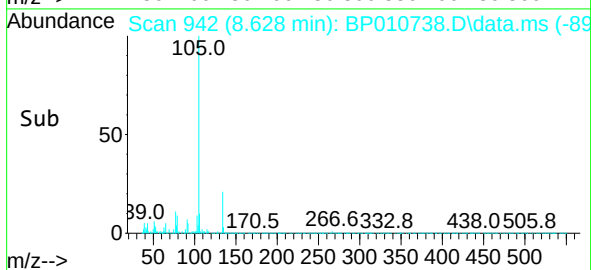
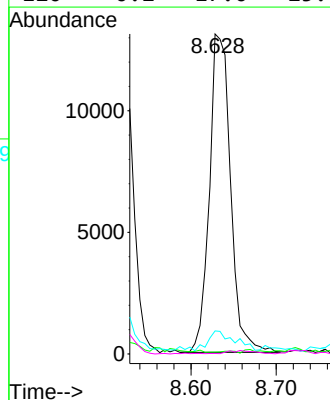
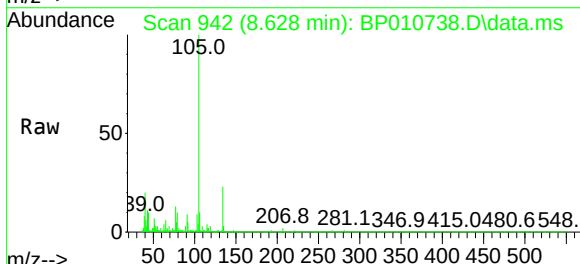
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.6  | 9.0   | 13.4  |
| 54  | 10.8  | 8.7   | 13.1  |
| 68  | 5.6   | 4.8   | 7.2   |

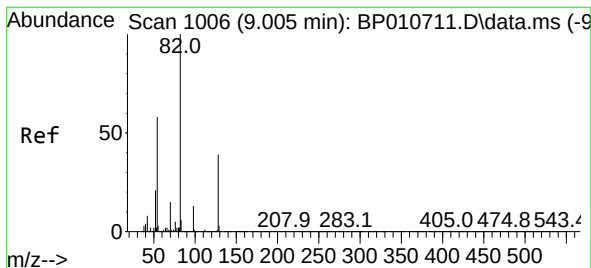


#22  
Acetophenone  
Concen: 3.002 ng  
RT: 8.628 min Scan# 942  
Delta R.T. -0.029 min  
Lab File: BP010738.D  
Acq: 15 Jun 2022 20:05

Tgt Ion:105 Resp: 22552

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 71  | 0.6   | 3.4   | 5.0#  |
| 51  | 7.2   | 29.5  | 44.3# |
| 120 | 0.2   | 17.0  | 25.4# |





#23

Nitrobenzene-d5

Concen: 102.503 ng

RT: 8.993 min Scan# 1004

Delta R.T. 0.000 min

Lab File: BP010738.D

Acq: 15 Jun 2022 20:05

Instrument :

BNA\_P

ClientSampleId :

DUP061422

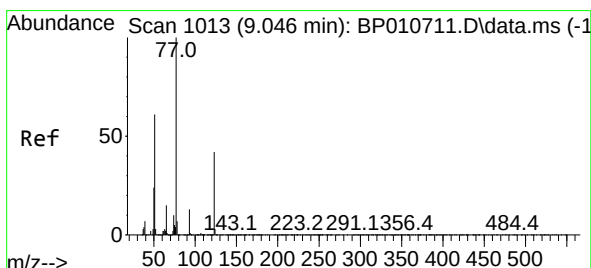
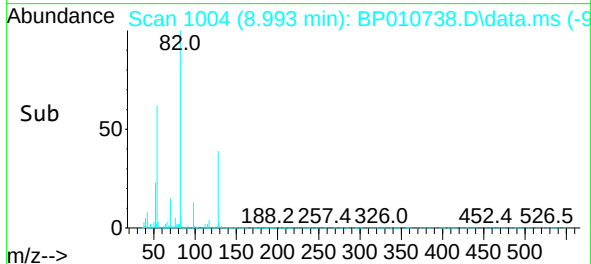
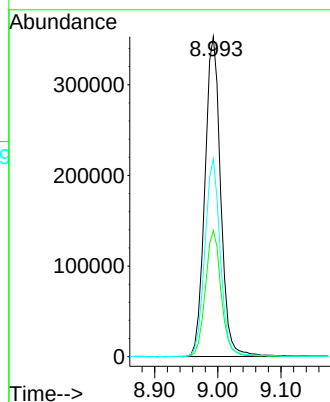
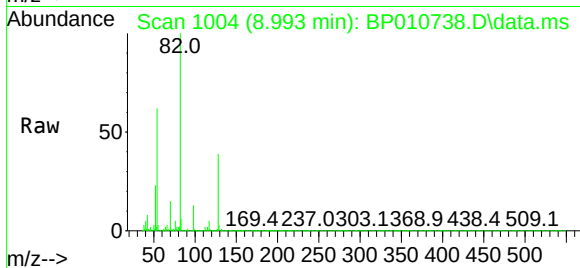
Tgt Ion: 82 Resp: 613551

Ion Ratio Lower Upper

82 100

128 39.4 31.3 46.9

54 61.7 49.8 74.8



#24

Nitrobenzene

Concen: 2.141 ng

RT: 9.010 min Scan# 1007

Delta R.T. -0.023 min

Lab File: BP010738.D

Acq: 15 Jun 2022 20:05

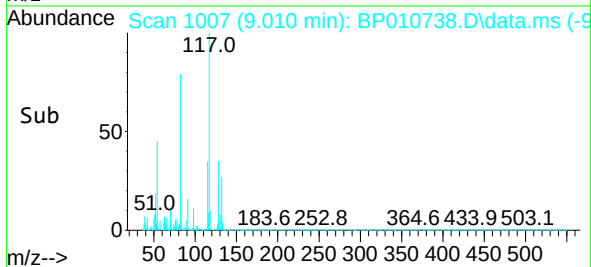
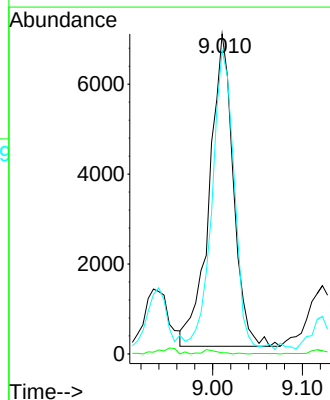
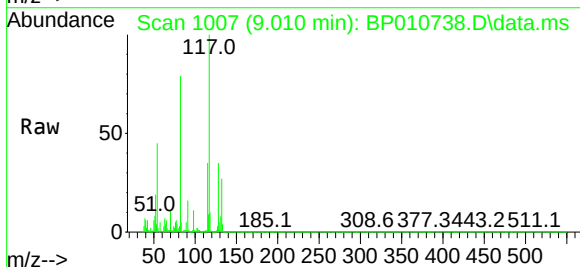
Tgt Ion: 77 Resp: 12940

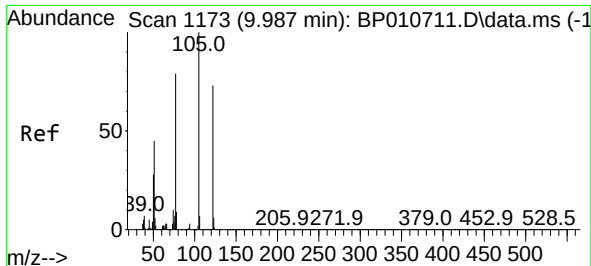
Ion Ratio Lower Upper

77 100

123 0.3 31.1 46.7#

65 94.9 12.1 18.1#

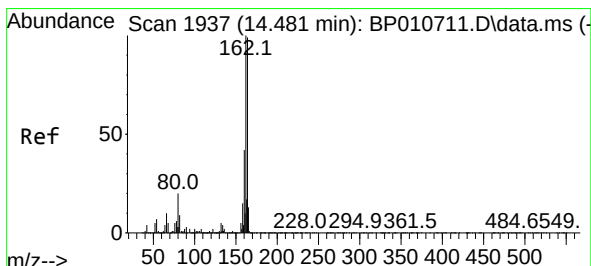
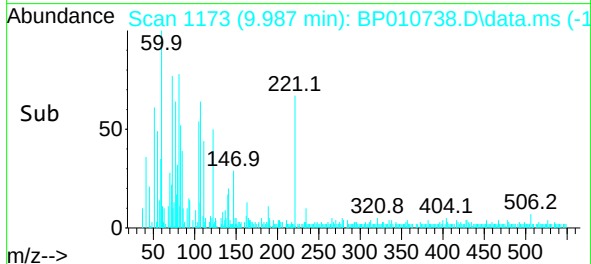
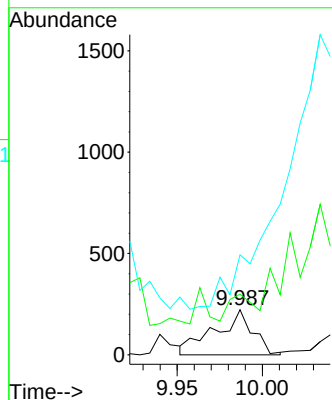
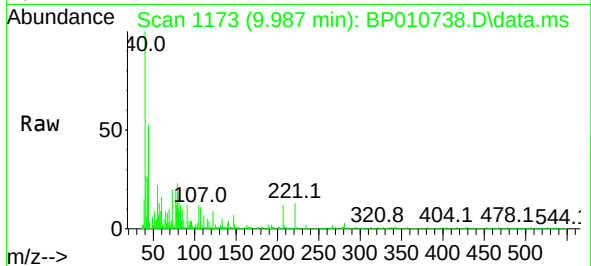




#32  
Benzoic acid  
Concen: 6.180 ng  
RT: 9.987 min Scan# 1173  
Delta R.T. 0.006 min  
Lab File: BP010738.D  
Acq: 15 Jun 2022 20:05

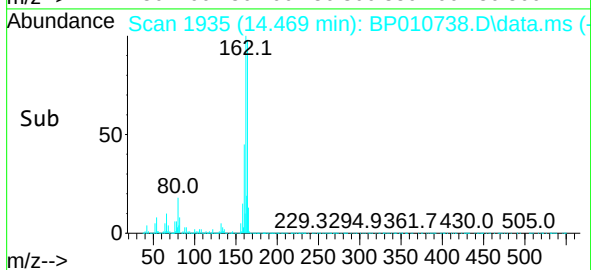
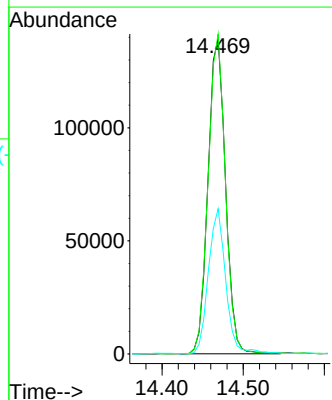
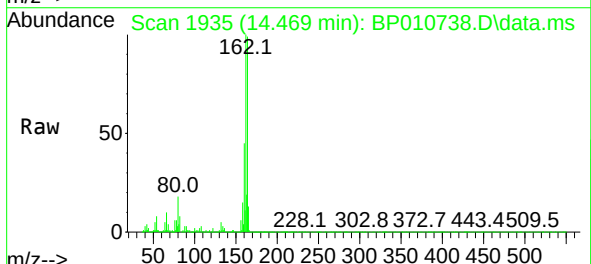
Instrument :  
BNA\_P  
ClientSampleId :  
DUP061422

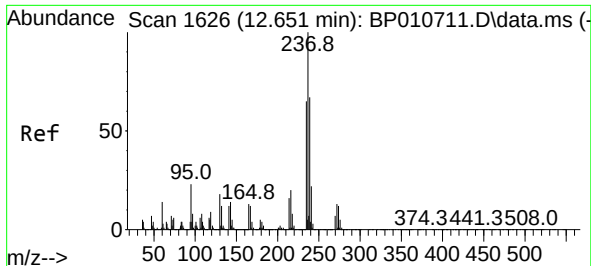
Tgt Ion:122 Resp: 341  
Ion Ratio Lower Upper  
122 100  
105 132.3 112.6 152.6  
77 218.1 90.2 130.2#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.469 min Scan# 1935  
Delta R.T. 0.000 min  
Lab File: BP010738.D  
Acq: 15 Jun 2022 20:05

Tgt Ion:164 Resp: 208522  
Ion Ratio Lower Upper  
164 100  
162 101.5 81.9 122.9  
160 46.1 34.6 51.8

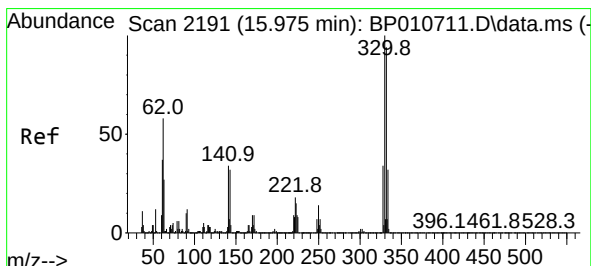
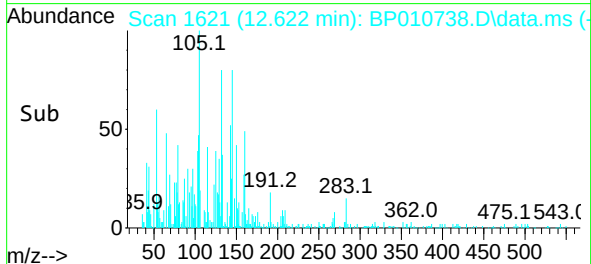
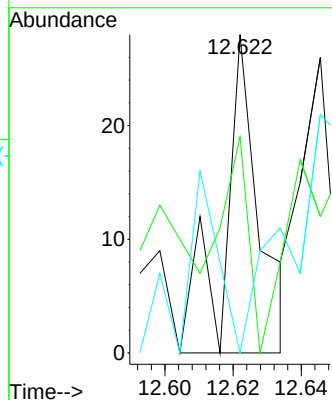
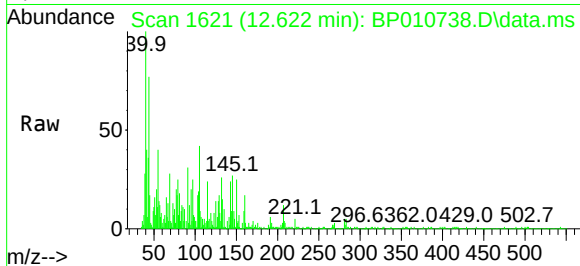




#41  
Hexachlorocyclopentadiene  
Concen: 6.200 ng  
RT: 12.622 min Scan# 1  
Delta R.T. -0.018 min  
Lab File: BP010738.D  
Acq: 15 Jun 2022 20:05

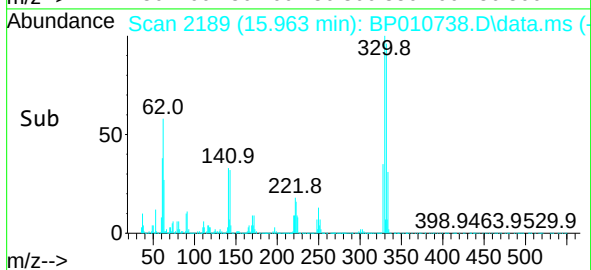
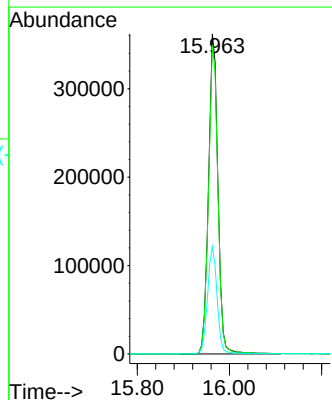
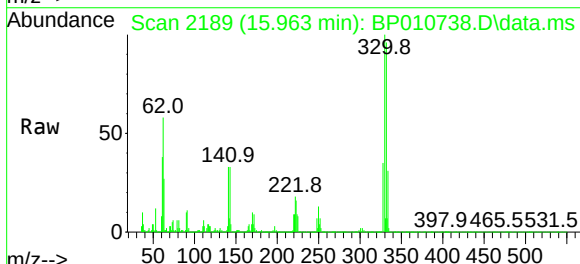
Instrument :  
BNA\_P  
ClientSampleId :  
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|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:237 | Resp: | 20          |
| Ion         | Ratio | Lower Upper |
| 237         | 100   |             |
| 235         | 67.9  | 43.3 83.3   |
| 272         | 0.0   | 0.0 33.0    |

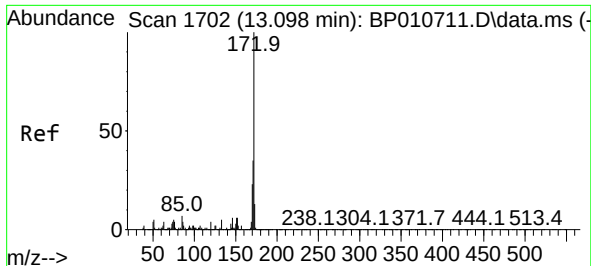


#42  
2,4,6-Tribromophenol  
Concen: 181.934 ng  
RT: 15.963 min Scan# 2189  
Delta R.T. 0.000 min  
Lab File: BP010738.D  
Acq: 15 Jun 2022 20:05

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:330 | Resp: | 516616      |
| Ion         | Ratio | Lower Upper |
| 330         | 100   |             |
| 332         | 96.6  | 78.1 117.1  |
| 141         | 34.0  | 31.4 47.2   |



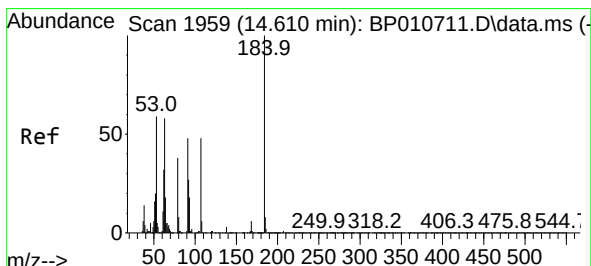
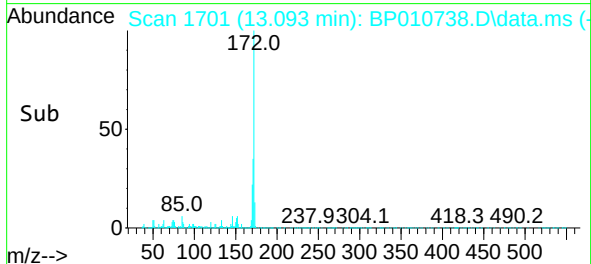
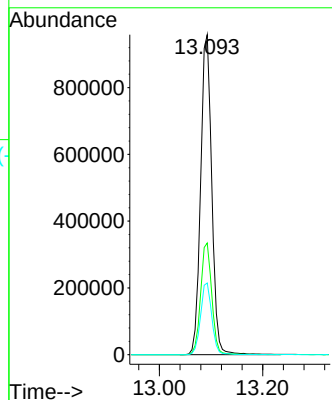
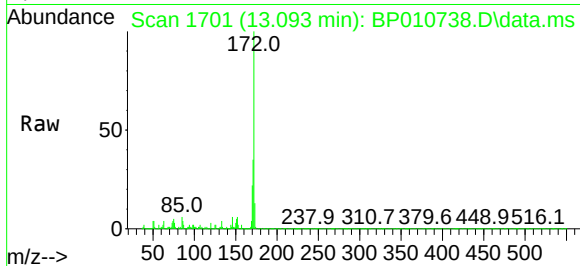




#45  
2-Fluorobiphenyl  
Concen: 98.821 ng  
RT: 13.093 min Scan# 1702  
Delta R.T. 0.000 min  
Lab File: BP010738.D  
Acq: 15 Jun 2022 20:05

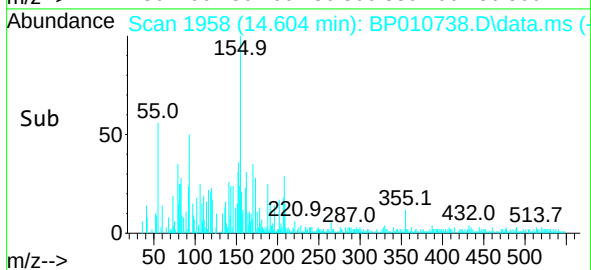
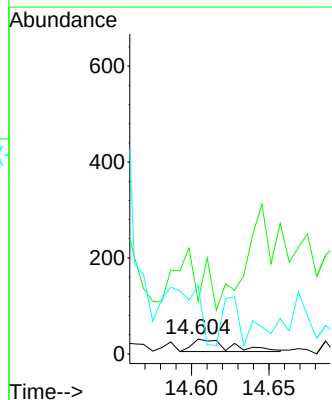
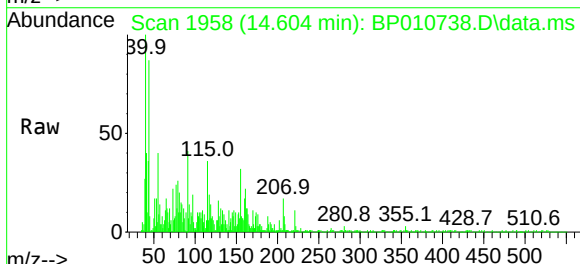
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BNA\_P  
ClientSampleId :  
DUP061422

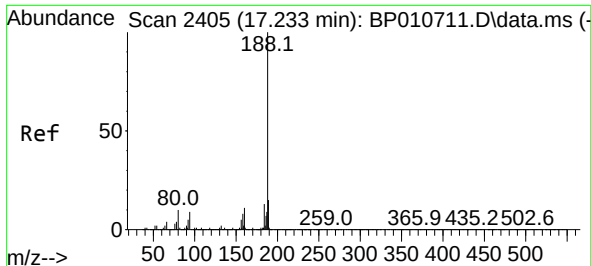
Tgt Ion:172 Resp: 1432434  
Ion Ratio Lower Upper  
172 100  
171 34.9 27.9 41.9  
170 22.4 18.2 27.2



#54  
2,4-Dinitrophenol  
Concen: 5.333 ng  
RT: 14.604 min Scan# 1958  
Delta R.T. 0.006 min  
Lab File: BP010738.D  
Acq: 15 Jun 2022 20:05

Tgt Ion:184 Resp: 44  
Ion Ratio Lower Upper  
184 100  
63 354.8 65.4 98.2#  
154 458.1 55.4 83.2#

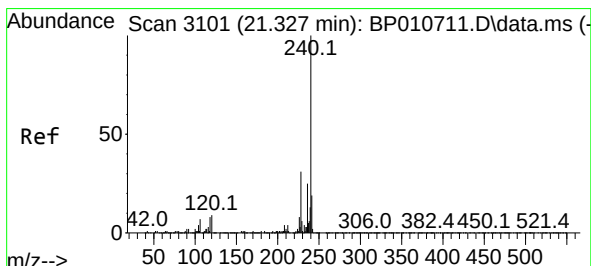
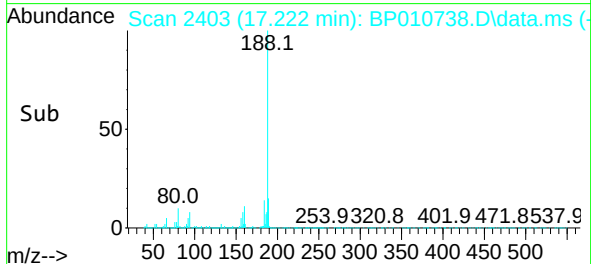
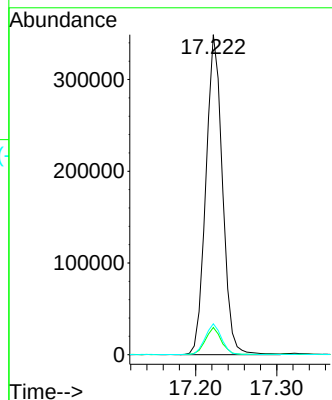
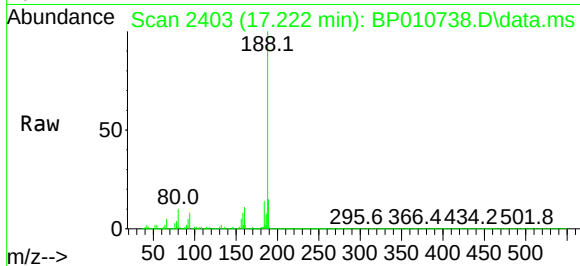




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.222 min Scan# 2403  
Delta R.T. 0.000 min  
Lab File: BP010738.D  
Acq: 15 Jun 2022 20:05

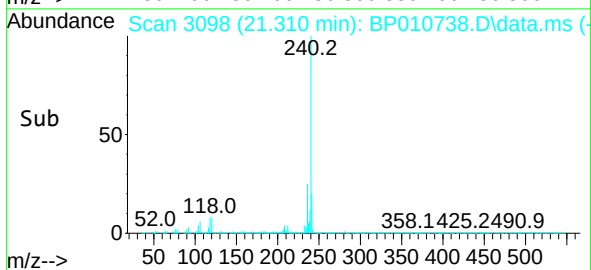
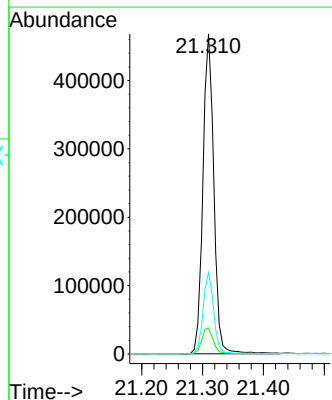
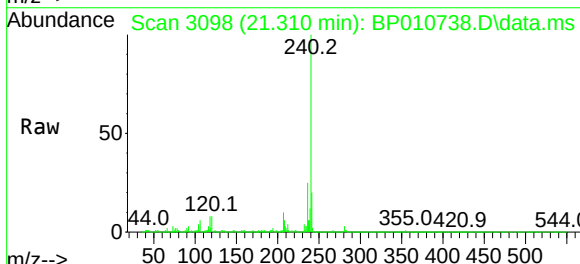
Instrument :  
BNA\_P  
ClientSampleId :  
DUP061422

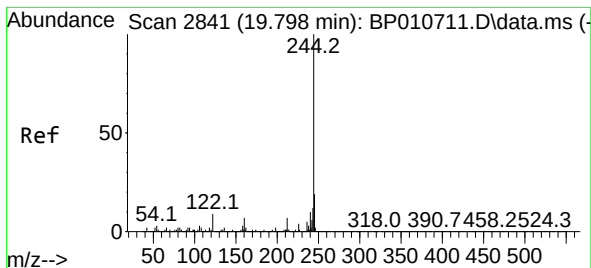
Tgt Ion:188 Resp: 493732  
Ion Ratio Lower Upper  
188 100  
94 8.5 6.6 10.0  
80 9.7 8.0 12.0



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.310 min Scan# 3098  
Delta R.T. -0.006 min  
Lab File: BP010738.D  
Acq: 15 Jun 2022 20:05

Tgt Ion:240 Resp: 583204  
Ion Ratio Lower Upper  
240 100  
120 8.1 8.6 12.8#  
236 25.4 19.8 29.6





#79

Terphenyl-d14

Concen: 92.297 ng

RT: 19.786 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP010738.D

Acq: 15 Jun 2022 20:05

Instrument :

BNA\_P

ClientSampleId :

DUP061422

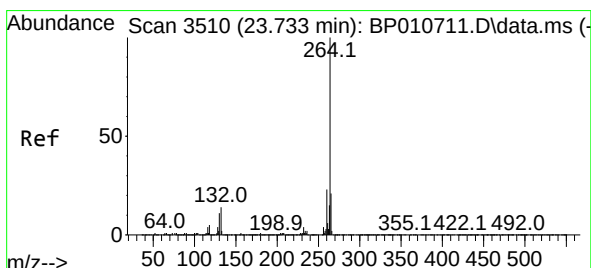
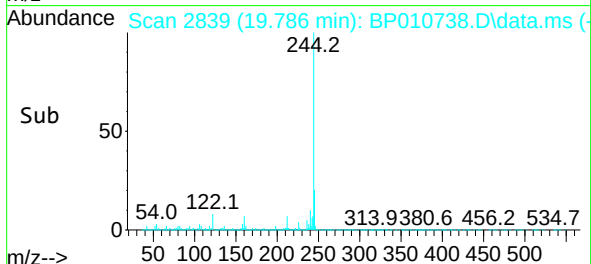
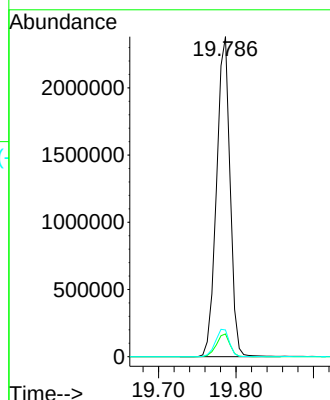
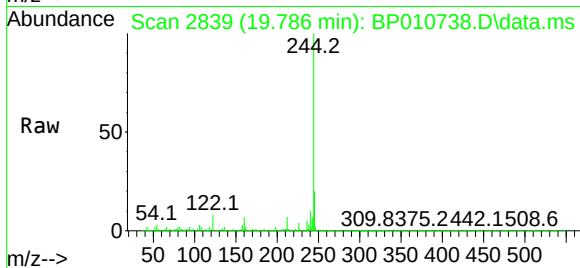
Tgt Ion:244 Resp: 2878660

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

122 8.3 7.6 11.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.704 min Scan# 3505

Delta R.T. -0.006 min

Lab File: BP010738.D

Acq: 15 Jun 2022 20:05

Tgt Ion:264 Resp: 629186

Ion Ratio Lower Upper

264 100

260 23.2 19.3 28.9

265 21.2 18.0 27.0

