

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM102423\  
 Data File : BM042424.D  
 Acq On : 24 Oct 2023 17:53  
 Operator : MA/JU  
 Sample : 04960-01  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Oct 25 02:13:33 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM102123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Oct 21 02:32:53 2023  
 Response via : Initial Calibration

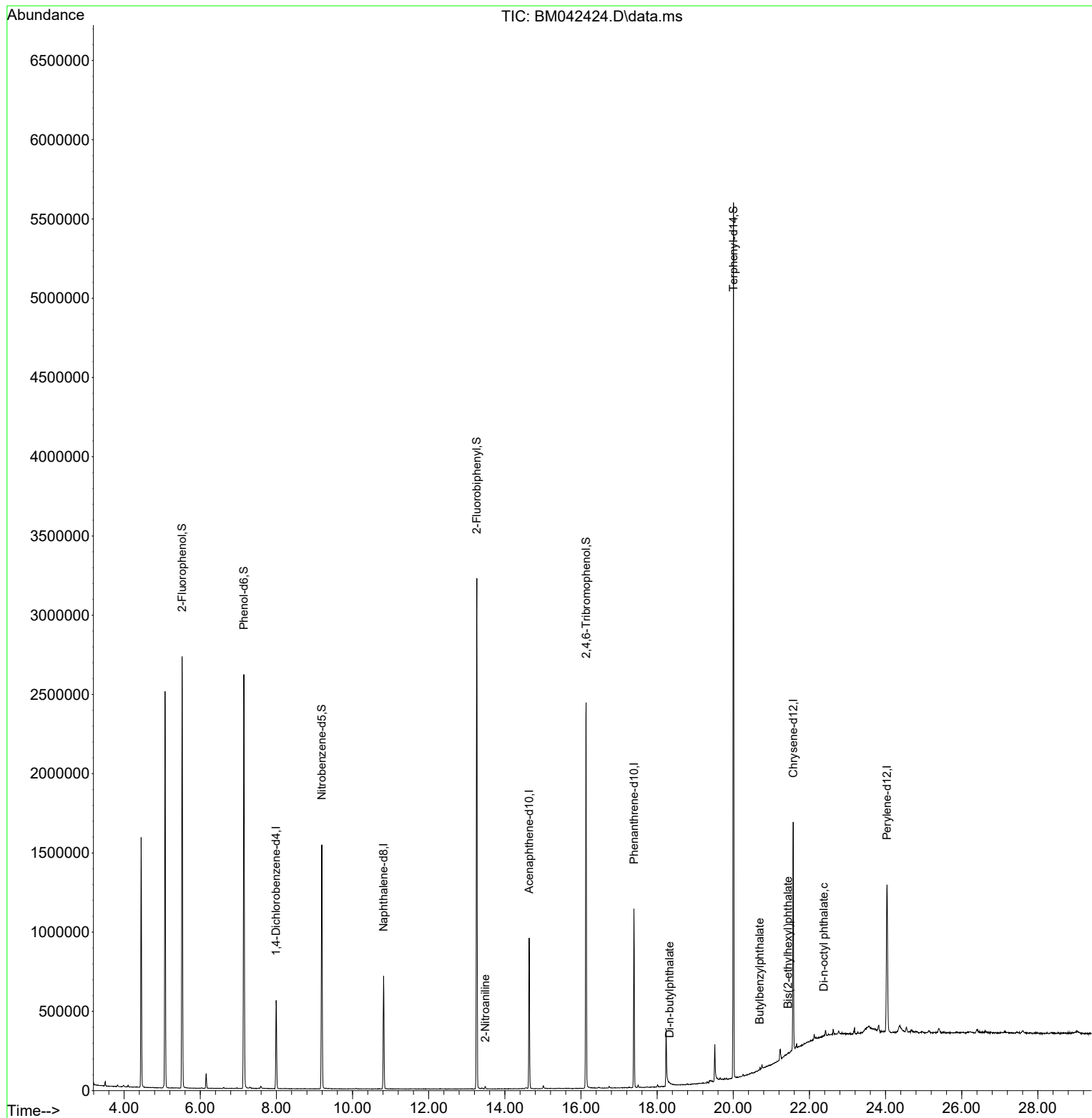
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.992  | 152  | 138327   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.816 | 136  | 548034   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.639 | 164  | 292979   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.392 | 188  | 616302   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.574 | 240  | 612356   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 24.038 | 264  | 717130   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.522  | 112  | 1061761  | 108.482 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.145  | 99   | 1351578  | 103.045 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.192  | 82   | 836201   | 67.471  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.133 | 330  | 385356   | 119.875 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.263 | 172  | 1568527  | 72.094  | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.003 | 244  | 2393250  | 69.313  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
| 48) 2-Nitroaniline            | 13.486 | 65   | 309      | 3.678   | ng    | # 46     |
| 74) Di-n-butylphthalate       | 18.327 | 149  | 2291     | 2.872   | ng    | # 78     |
| 80) Butylbenzylphthalate      | 20.691 | 149  | 347      | 3.275   | ng    | # 85     |
| 84) Bis(2-ethylhexyl)phtha... | 21.438 | 149  | 1684     | 3.425   | ng    | # 96     |
| 85) Di-n-octyl phthalate      | 22.374 | 149  | 275      | 4.224   | ng    | # 1      |

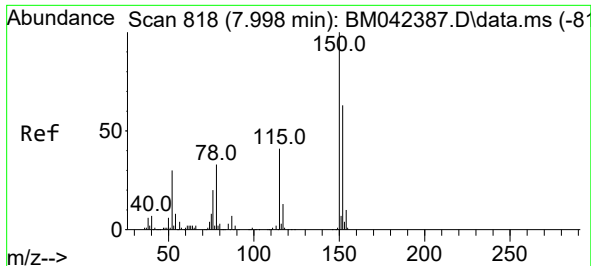
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM102423\  
Data File : BM042424.D  
Acq On : 24 Oct 2023 17:53  
Operator : MA/JU  
Sample : 04960-01  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :

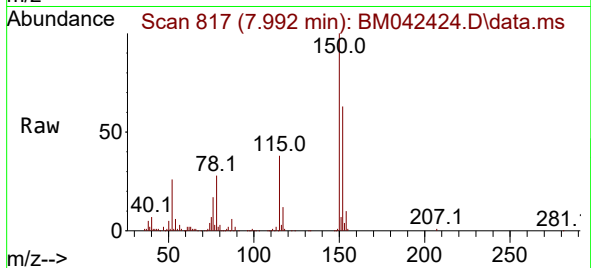
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM102123.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Oct 21 02:32:53 2023  
Response via : Initial Calibration



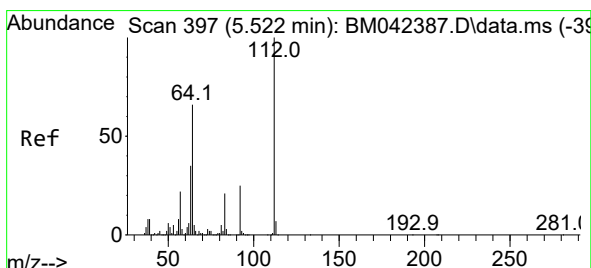
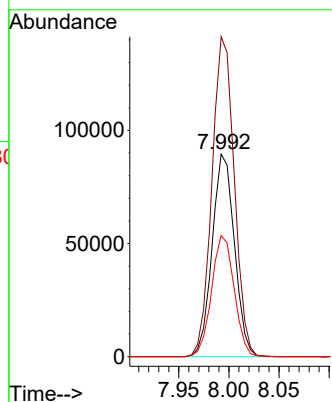
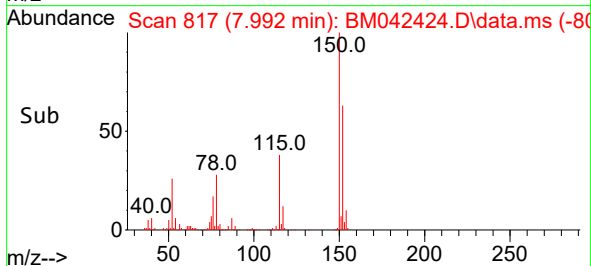


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.992 min Scan# 818  
Delta R.T. -0.006 min  
Lab File: BM042424.D  
Acq: 24 Oct 2023 17:53

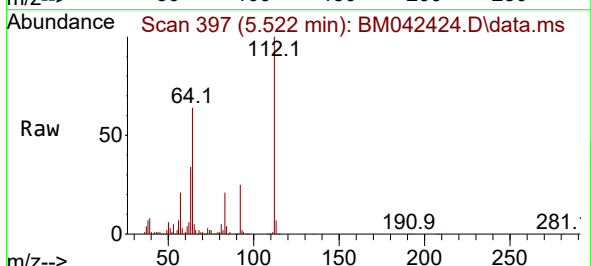
Instrument :  
BNA\_M  
ClientSampleId :



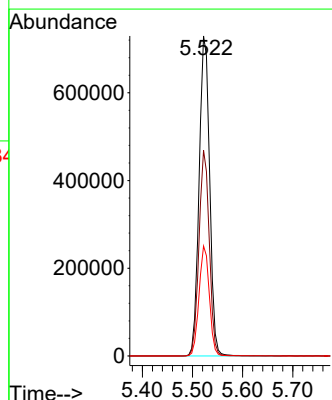
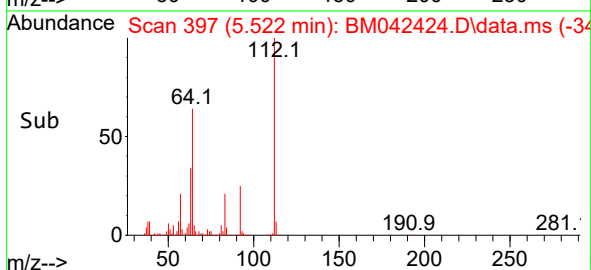
Tgt Ion:152 Resp: 138327  
Ion Ratio Lower Upper  
152 100  
150 157.9 126.2 189.4  
115 59.8 51.9 77.9

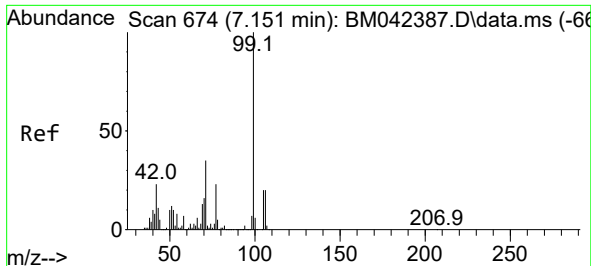


#5  
2-Fluorophenol  
Concen: 108.482 ng  
RT: 5.522 min Scan# 397  
Delta R.T. -0.000 min  
Lab File: BM042424.D  
Acq: 24 Oct 2023 17:53



Tgt Ion:112 Resp: 1061761  
Ion Ratio Lower Upper  
112 100  
64 64.3 52.7 79.1  
63 34.4 28.3 42.5

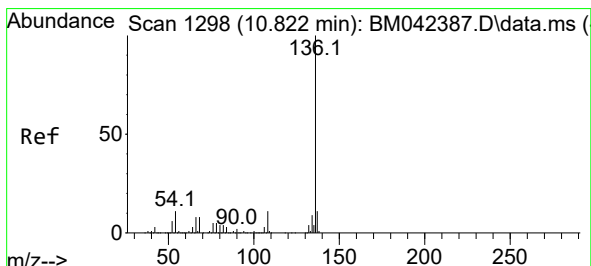
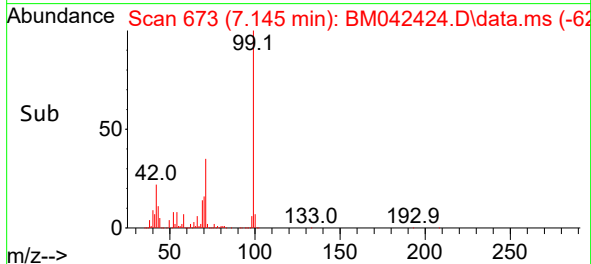
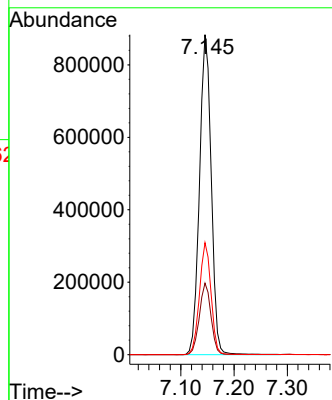
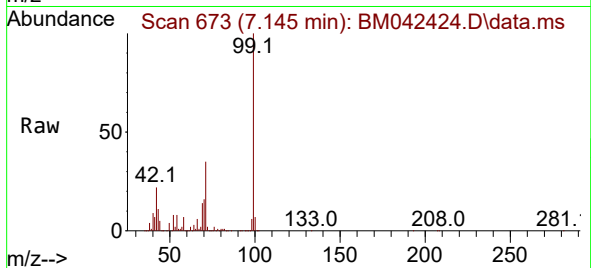




#7  
Phenol-d6  
Concen: 103.045 ng  
RT: 7.145 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BM042424.D  
Acq: 24 Oct 2023 17:53

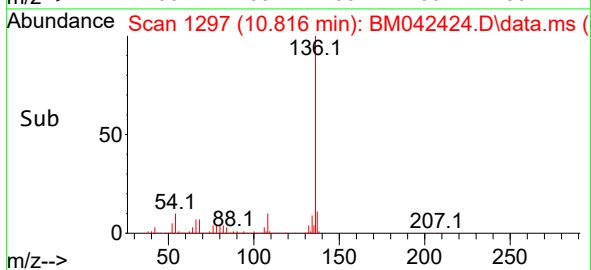
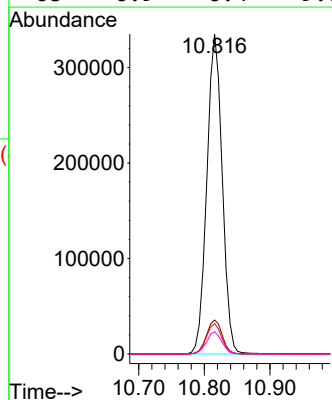
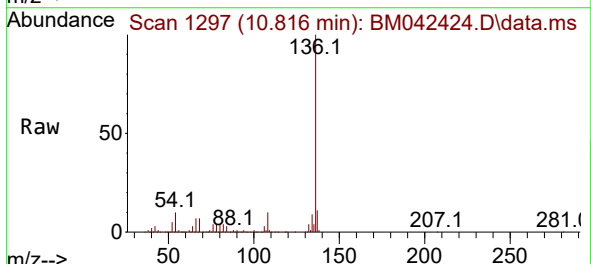
Instrument :  
BNA\_M  
ClientSampleId :

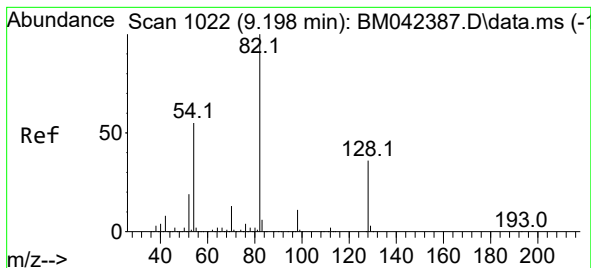
Tgt Ion: 99 Resp: 1351578  
Ion Ratio Lower Upper  
99 100  
42 22.4 18.5 27.7  
71 35.0 27.7 41.5



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.816 min Scan# 1297  
Delta R.T. -0.006 min  
Lab File: BM042424.D  
Acq: 24 Oct 2023 17:53

Tgt Ion: 136 Resp: 548034  
Ion Ratio Lower Upper  
136 100  
137 10.6 8.5 12.7  
54 9.6 8.6 12.8  
68 6.9 6.4 9.6

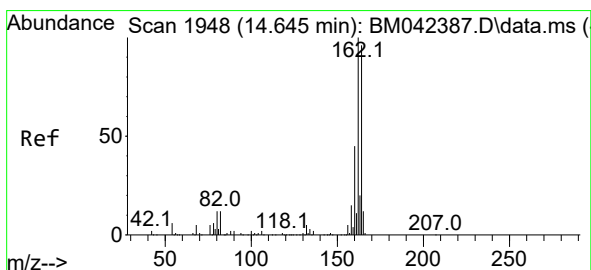
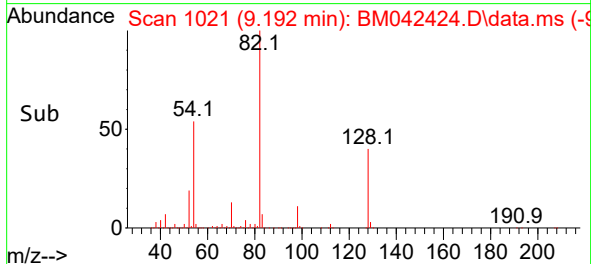
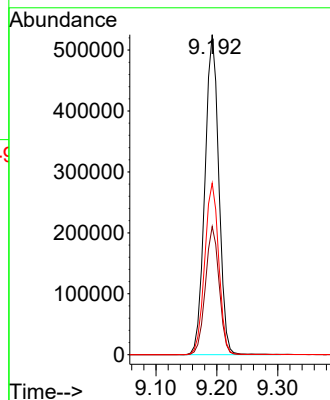
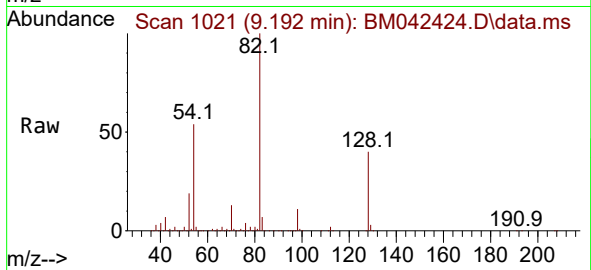




#23  
Nitrobenzene-d5  
Concen: 67.471 ng  
RT: 9.192 min Scan# 1021  
Delta R.T. -0.006 min  
Lab File: BM042424.D  
Acq: 24 Oct 2023 17:53

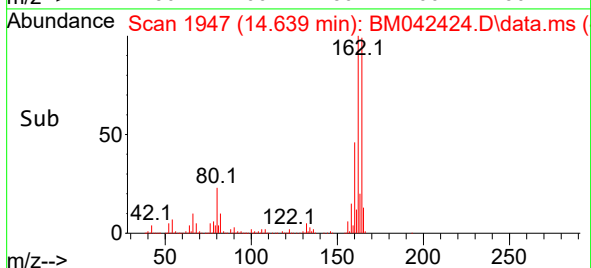
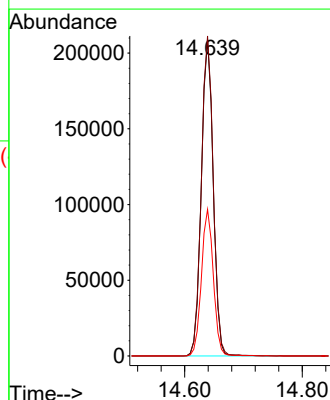
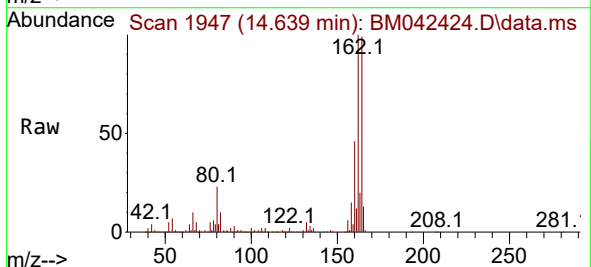
Instrument :  
BNA\_M  
ClientSampleId :

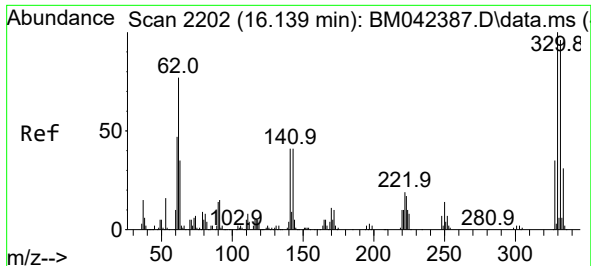
Tgt Ion: 82 Resp: 836201  
Ion Ratio Lower Upper  
82 100  
128 40.0 29.0 43.6  
54 53.6 43.7 65.5



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.639 min Scan# 1947  
Delta R.T. -0.006 min  
Lab File: BM042424.D  
Acq: 24 Oct 2023 17:53

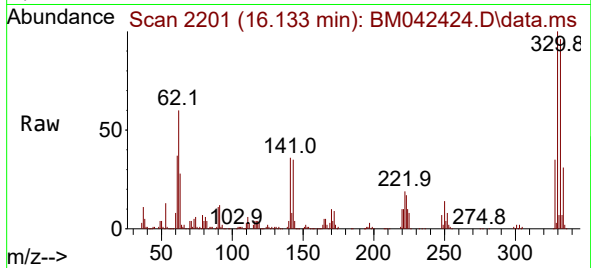
Tgt Ion: 164 Resp: 292979  
Ion Ratio Lower Upper  
164 100  
162 100.9 83.0 124.4  
160 46.2 37.0 55.4



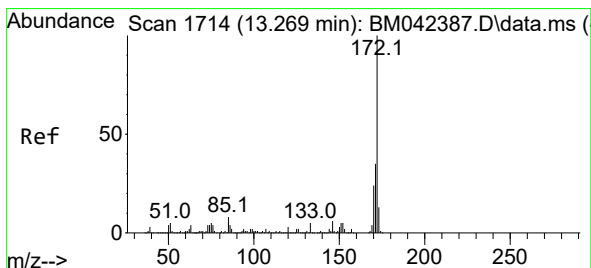
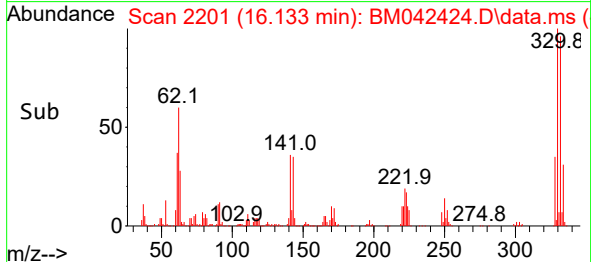
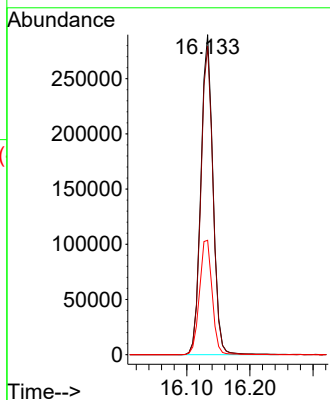


#42  
2,4,6-Tribromophenol  
Concen: 119.875 ng  
RT: 16.133 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BM042424.D  
Acq: 24 Oct 2023 17:53

Instrument :  
BNA\_M  
ClientSampleId :

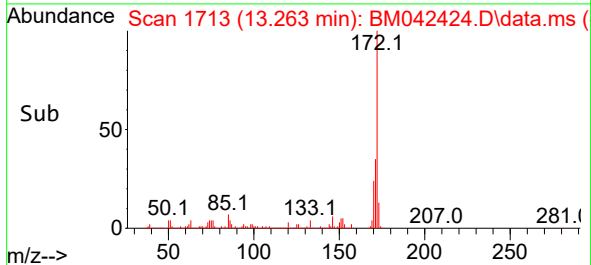
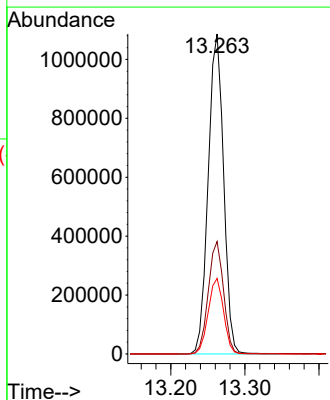
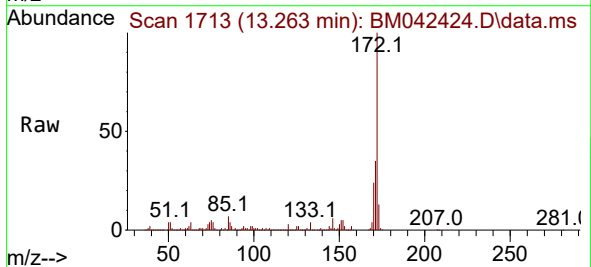


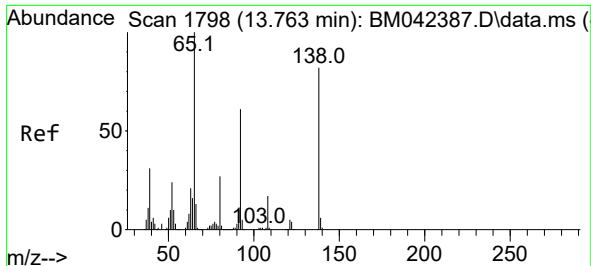
Tgt Ion:330 Resp: 385356  
Ion Ratio Lower Upper  
330 100  
332 96.8 77.6 116.4  
141 37.5 38.0 57.0#



#45  
2-Fluorobiphenyl  
Concen: 72.094 ng  
RT: 13.263 min Scan# 1713  
Delta R.T. -0.006 min  
Lab File: BM042424.D  
Acq: 24 Oct 2023 17:53

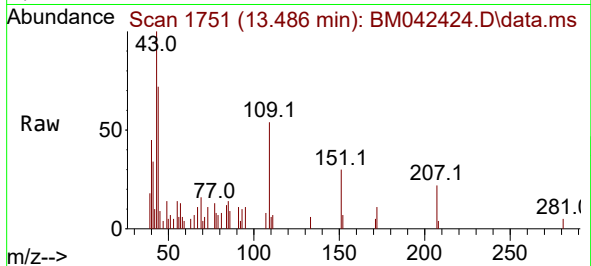
Tgt Ion:172 Resp: 1568527  
Ion Ratio Lower Upper  
172 100  
171 35.2 28.1 42.1  
170 23.6 18.9 28.3



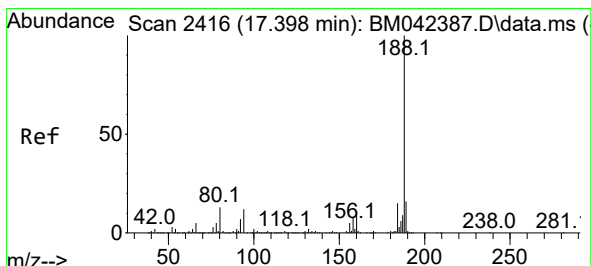
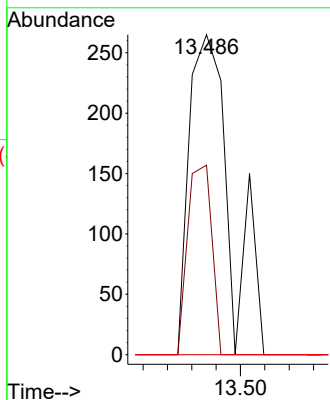
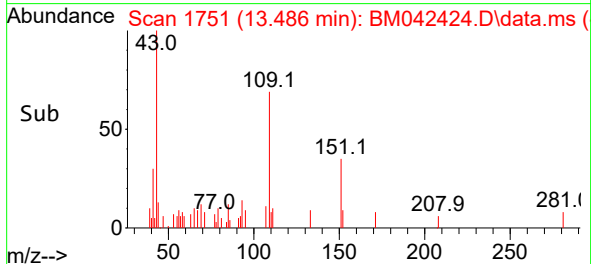


#48  
2-Nitroaniline  
Concen: 3.678 ng  
RT: 13.486 min Scan# 1751  
Delta R.T. -0.277 min  
Lab File: BM042424.D  
Acq: 24 Oct 2023 17:53

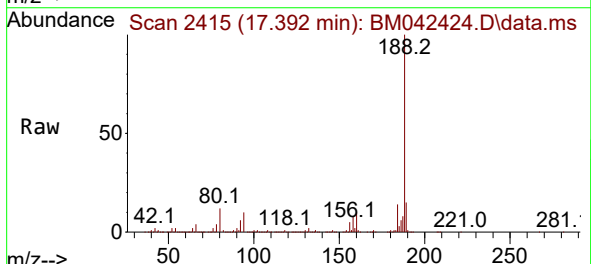
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BNA\_M  
ClientSampleId :



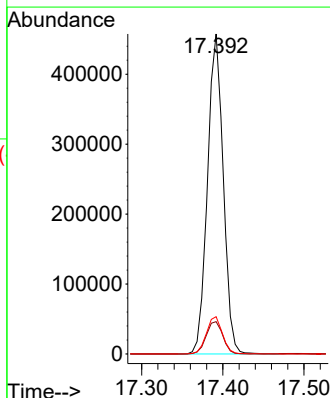
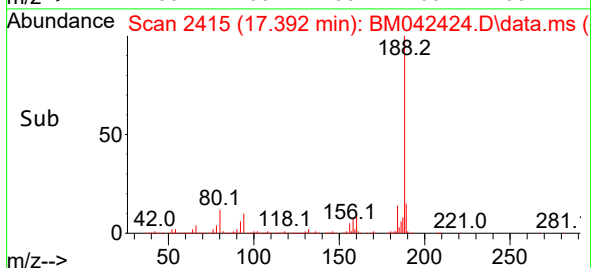
Tgt Ion: 65 Resp: 309  
Ion Ratio Lower Upper  
65 100  
92 59.2 49.0 73.6  
138 0.0 65.5 98.3#

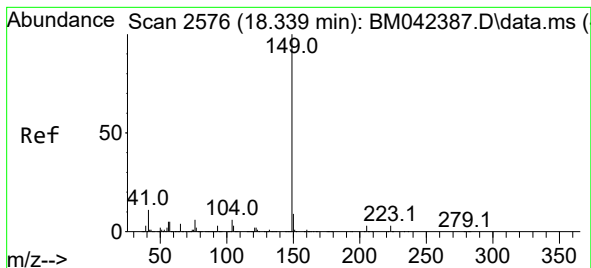


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.392 min Scan# 2415  
Delta R.T. -0.006 min  
Lab File: BM042424.D  
Acq: 24 Oct 2023 17:53



Tgt Ion: 188 Resp: 616302  
Ion Ratio Lower Upper  
188 100  
94 10.1 9.4 14.0  
80 11.7 10.7 16.1





#74

Di-n-butylphthalate

Concen: 2.872 ng

RT: 18.327 min Scan# 21

Delta R.T. -0.012 min

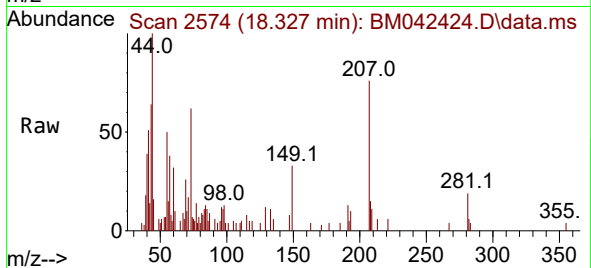
Lab File: BM042424.D

Acq: 24 Oct 2023 17:53

Instrument :

BNA\_M

ClientSampleId :



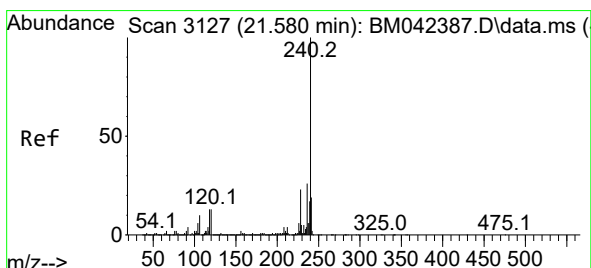
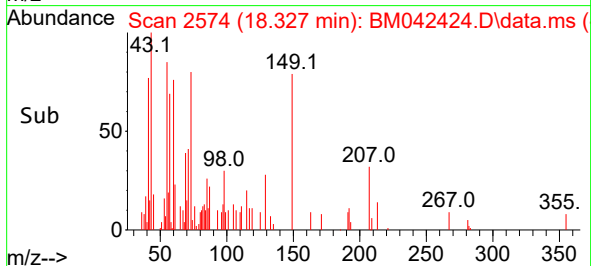
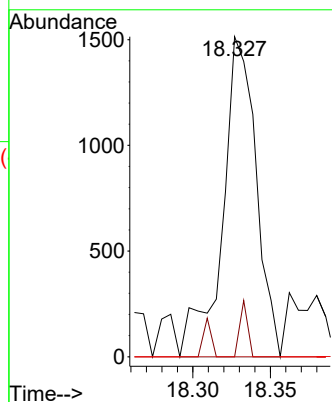
Tgt Ion:149 Resp: 2291

Ion Ratio Lower Upper

149 100

150 0.0 7.4 11.0#

104 0.0 4.6 7.0#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.574 min Scan# 3126

Delta R.T. -0.006 min

Lab File: BM042424.D

Acq: 24 Oct 2023 17:53

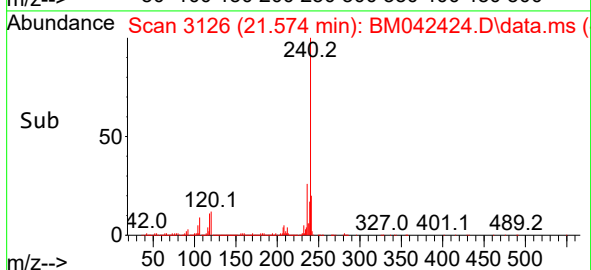
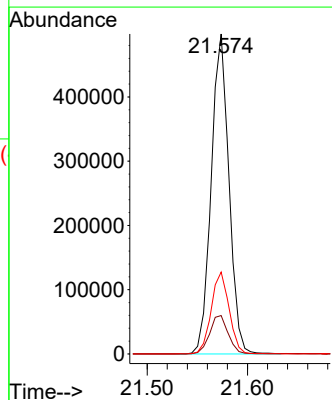
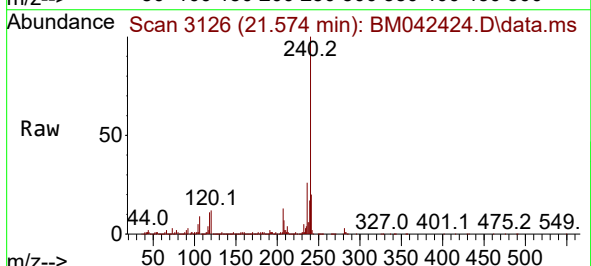
Tgt Ion:240 Resp: 612356

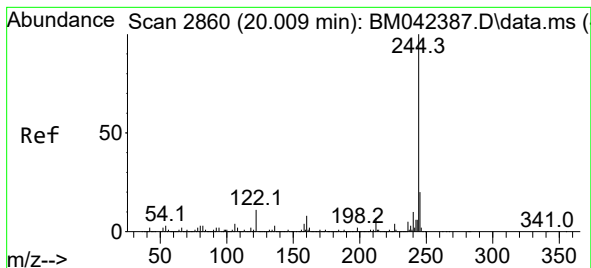
Ion Ratio Lower Upper

240 100

120 12.0 10.7 16.1

236 25.6 20.7 31.1





#79

Terphenyl-d14

Concen: 69.313 ng

RT: 20.003 min Scan# 2

Delta R.T. -0.006 min

Lab File: BM042424.D

Acq: 24 Oct 2023 17:53

Instrument :

BNA\_M

ClientSampleId :

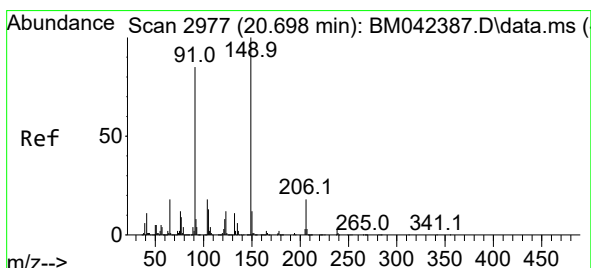
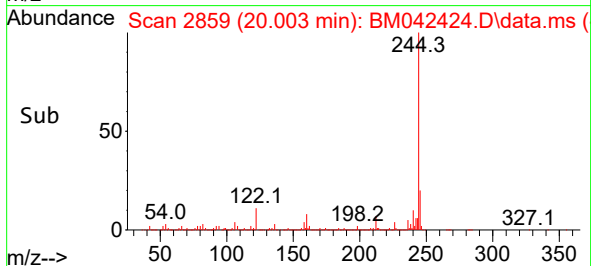
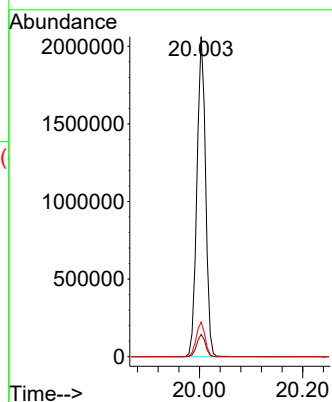
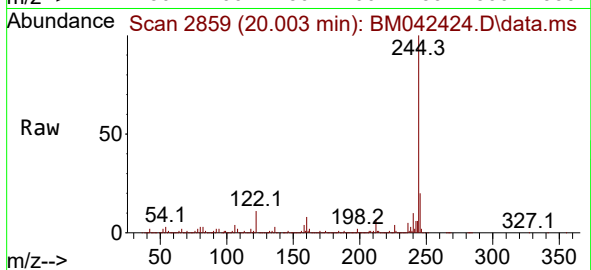
Tgt Ion:244 Resp: 2393250

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 10.8 8.8 13.2



#80

Butylbenzylphthalate

Concen: 3.275 ng

RT: 20.691 min Scan# 2976

Delta R.T. -0.007 min

Lab File: BM042424.D

Acq: 24 Oct 2023 17:53

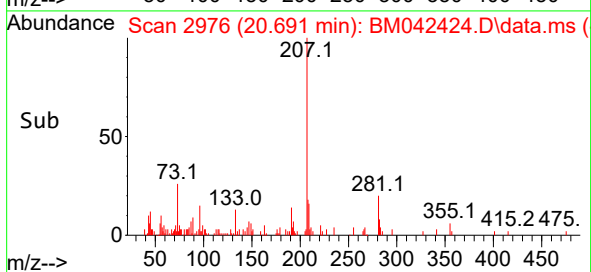
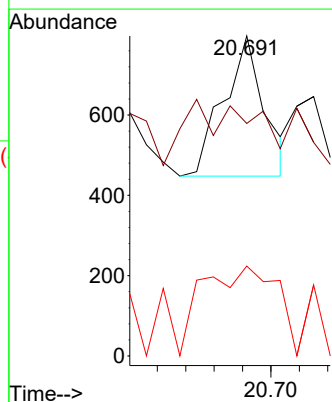
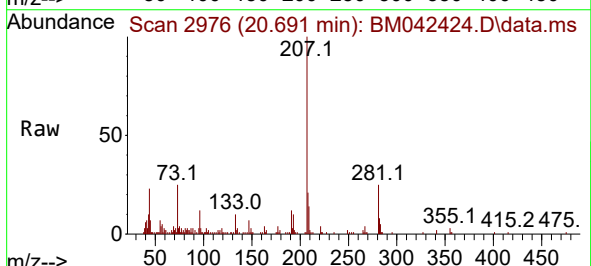
Tgt Ion:149 Resp: 347

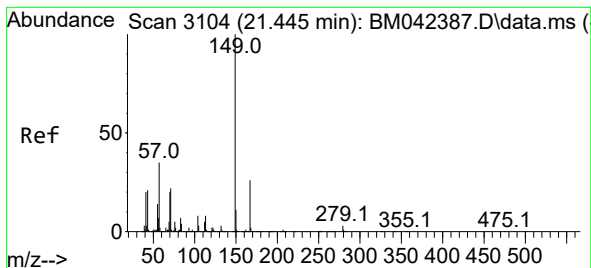
Ion Ratio Lower Upper

149 100

91 72.6 68.3 102.5

206 28.1 14.6 22.0#





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.425 ng

RT: 21.438 min Scan# 3104

Delta R.T. -0.007 min

Lab File: BM042424.D

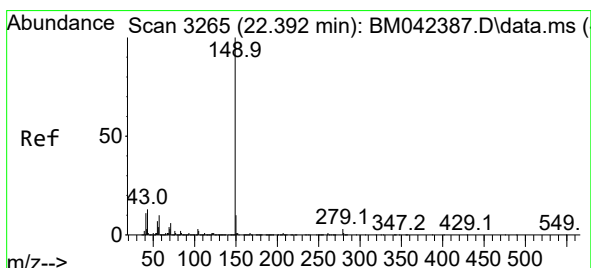
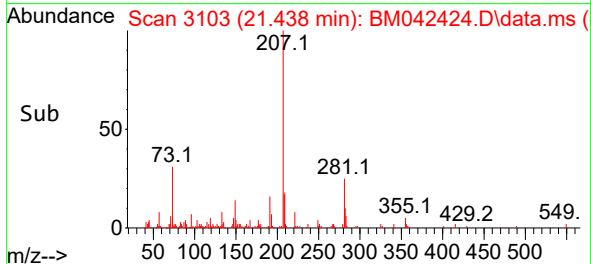
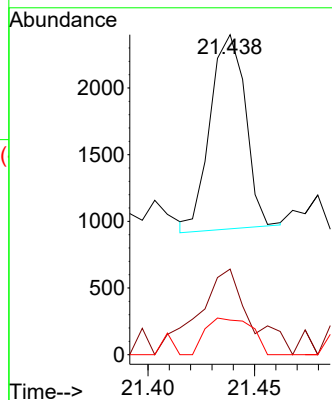
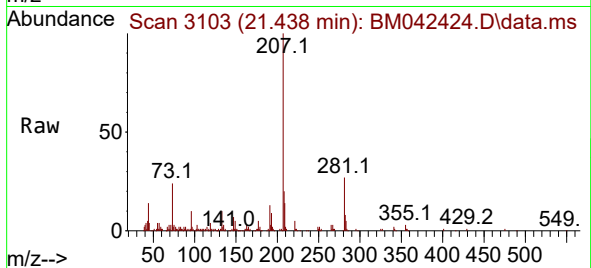
Acq: 24 Oct 2023 17:53

Instrument :

BNA\_M

ClientSampleId :

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:149 | Resp: | 1684      |
| Ion Ratio   | Lower | Upper     |
| 149         | 100   |           |
| 167         | 26.7  | 20.9 31.3 |
| 279         | 10.8  | 2.7 4.1#  |



#85

Di-n-octyl phthalate

Concen: 4.224 ng

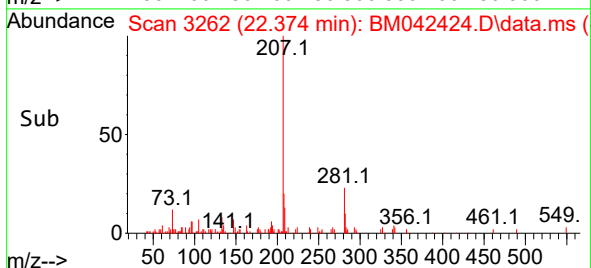
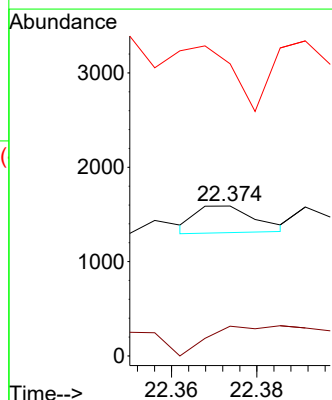
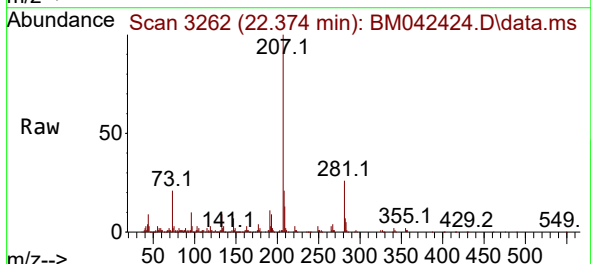
RT: 22.374 min Scan# 3262

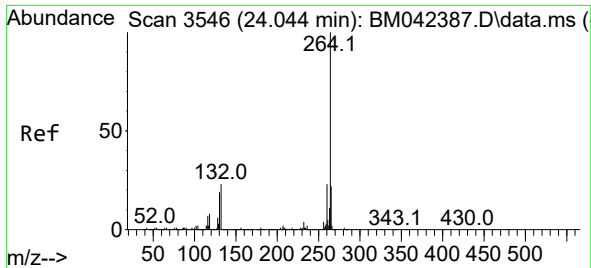
Delta R.T. -0.018 min

Lab File: BM042424.D

Acq: 24 Oct 2023 17:53

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:149 | Resp: | 275        |
| Ion Ratio   | Lower | Upper      |
| 149         | 100   |            |
| 167         | 214.9 | 1.2 1.8#   |
| 43          | 246.5 | 11.0 16.6# |





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.038 min Scan# 31  
 Delta R.T. -0.006 min  
 Lab File: BM042424.D  
 Acq: 24 Oct 2023 17:53

Instrument :  
 BNA\_M  
 ClientSampleId :

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:264 | Resp: | 717130      |
| Ion         | Ratio | Lower Upper |
| 264         | 100   |             |
| 260         | 23.7  | 18.6 27.8   |
| 265         | 22.1  | 17.8 26.8   |

