

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM102323\  
 Data File : BM042404.D  
 Acq On : 23 Oct 2023 16:20  
 Operator : MA/JU  
 Sample : 04905-01  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 LSS-B4-COMP-101323

Quant Time: Oct 23 17:14:59 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

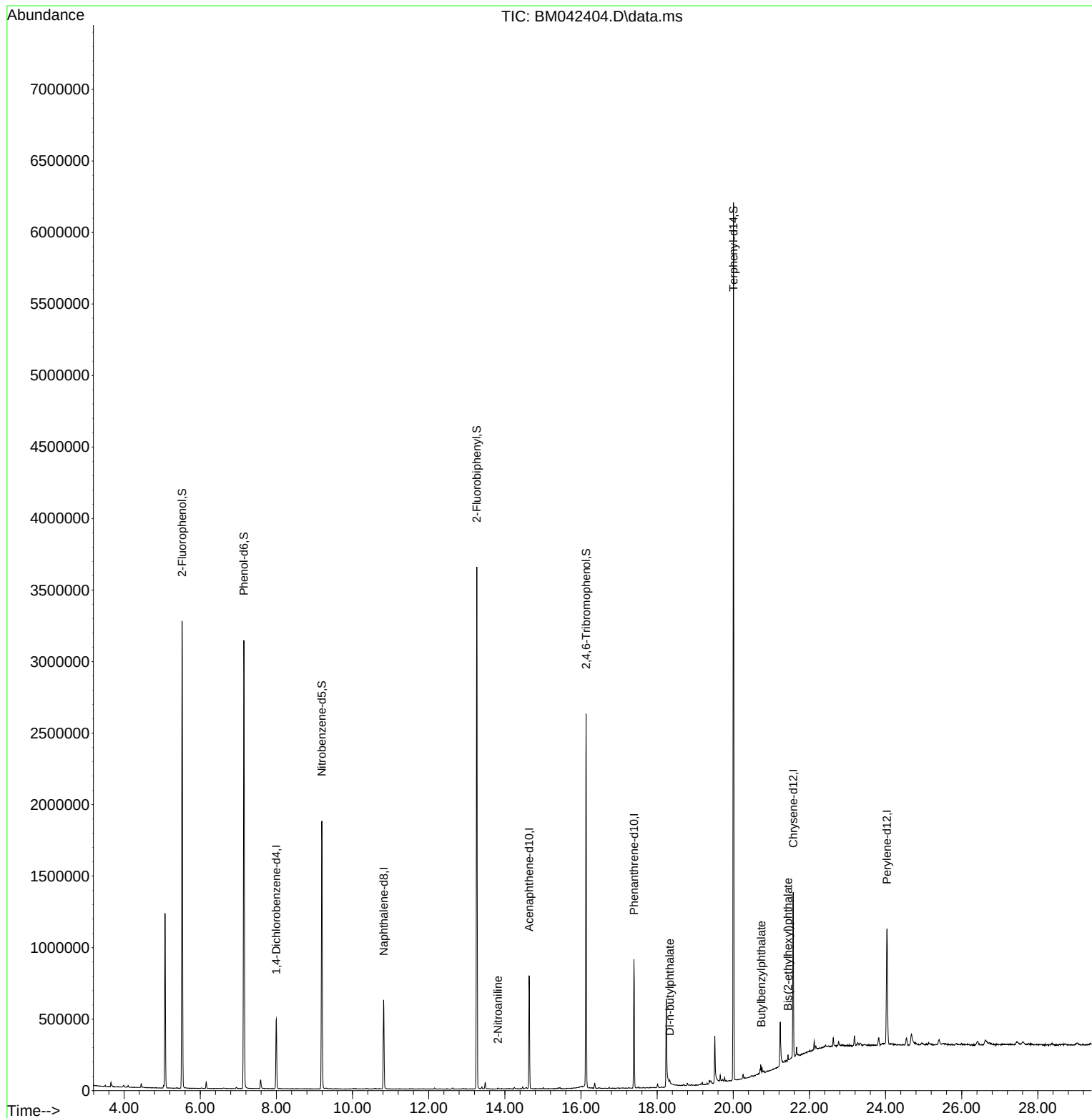
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.998  | 152  | 120583   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.816 | 136  | 465871   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.639 | 164  | 235879   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.392 | 188  | 480214   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.574 | 240  | 489920   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 24.038 | 264  | 570808   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.522  | 112  | 1269424  | 148.785 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.145  | 99   | 1639896  | 143.425 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.192  | 82   | 1022134  | 97.019  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.133 | 330  | 361912   | 138.296 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.263 | 172  | 1755605  | 100.226 | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.003 | 244  | 2570685  | 93.058  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 48) 2-Nitroaniline            | 13.816 | 65   | 67       | 3.650   | ng    | # 13     |
| 74) Di-n-butylphthalate       | 18.333 | 149  | 12777    | 3.209   | ng    | 96       |
| 80) Butylbenzylphthalate      | 20.739 | 149  | 299      | 3.276   | ng    | 94       |
| 84) Bis(2-ethylhexyl)phtha... | 21.439 | 149  | 12822    | 3.909   | ng    | 99       |
| -----                         |        |      |          |         |       |          |

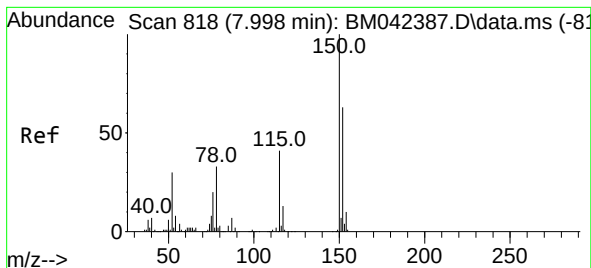
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM102323\  
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Quant Time: Oct 23 17:14:59 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

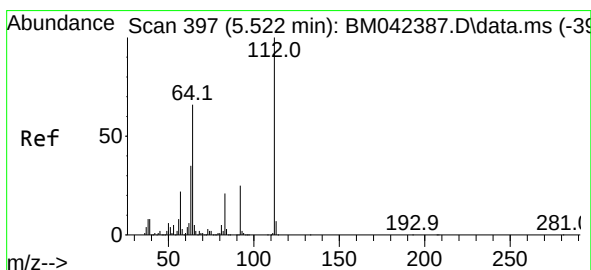
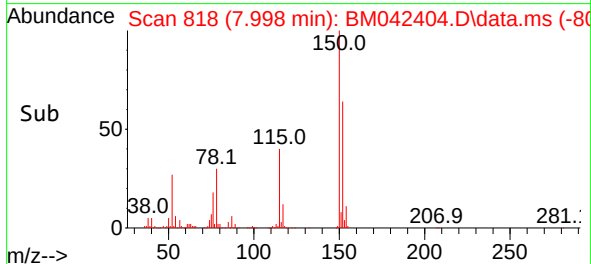
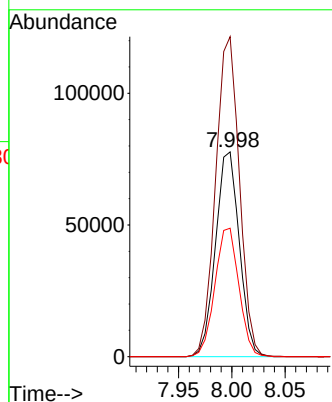
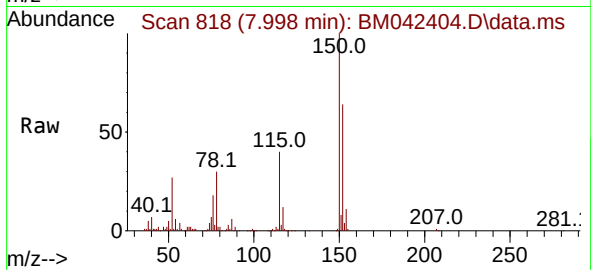




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.998 min Scan# 818  
 Delta R.T. 0.000 min  
 Lab File: BM042404.D  
 Acq: 23 Oct 2023 16:20

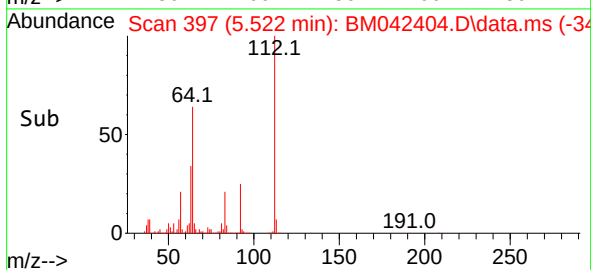
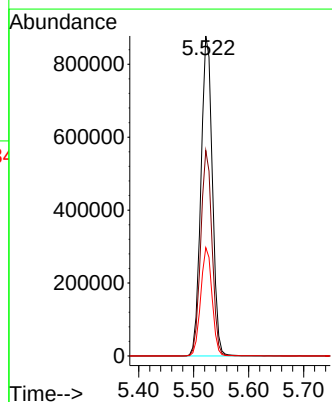
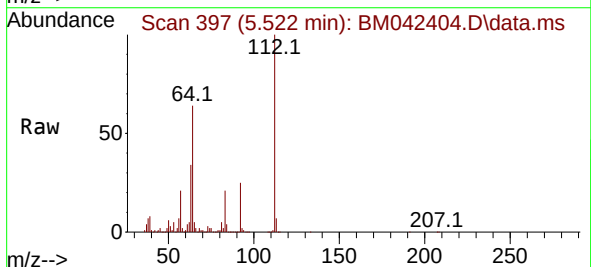
Instrument :  
 BNA\_M  
 ClientSampleId :  
 LSS-B4-COMP-101323

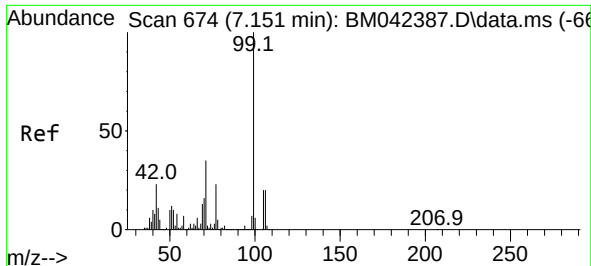
Tgt Ion:152 Resp: 120583  
 Ion Ratio Lower Upper  
 152 100  
 150 156.3 126.2 189.4  
 115 62.7 51.9 77.9



#5  
 2-Fluorophenol  
 Concen: 148.785 ng  
 RT: 5.522 min Scan# 397  
 Delta R.T. -0.000 min  
 Lab File: BM042404.D  
 Acq: 23 Oct 2023 16:20

Tgt Ion:112 Resp: 1269424  
 Ion Ratio Lower Upper  
 112 100  
 64 64.2 52.7 79.1  
 63 33.8 28.3 42.5

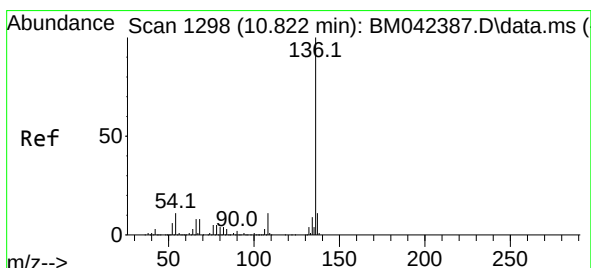
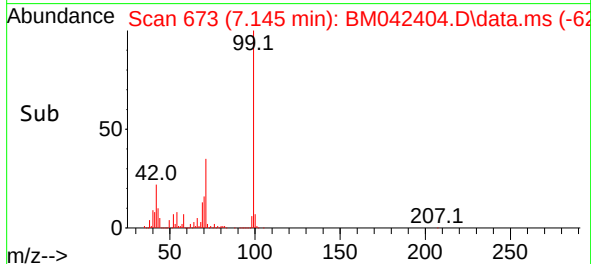
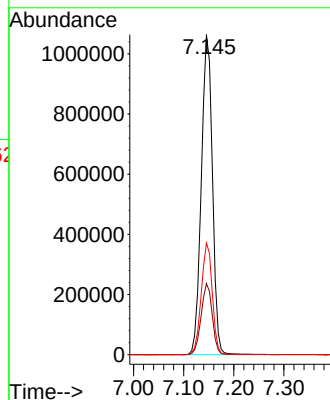
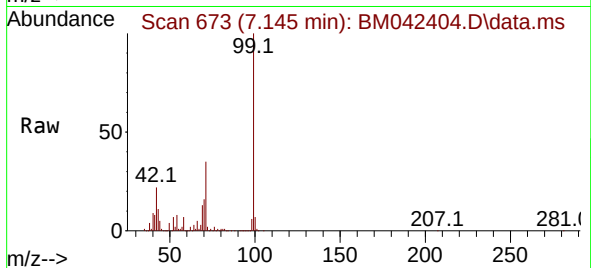




#7  
Phenol-d6  
Concen: 143.425 ng  
RT: 7.145 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BM042404.D  
Acq: 23 Oct 2023 16:20

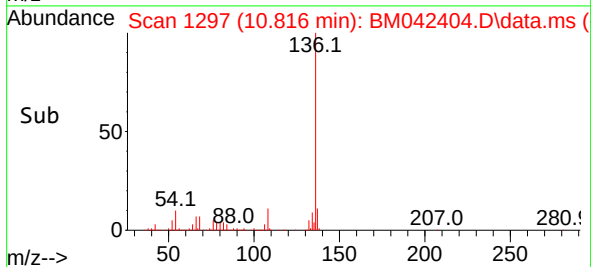
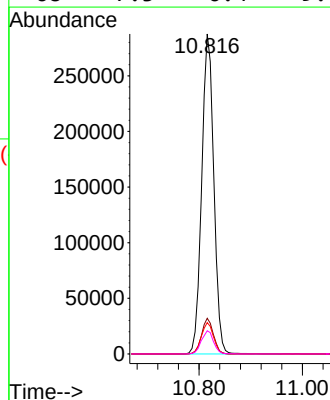
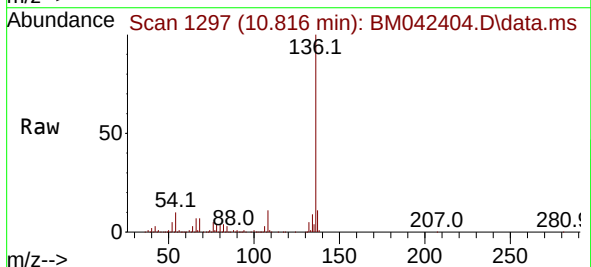
Instrument :  
BNA\_M  
ClientSampleId :  
LSS-B4-COMP-101323

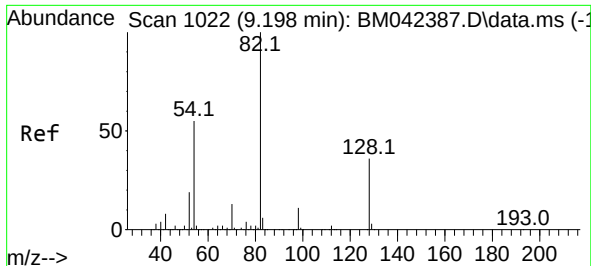
Tgt Ion: 99 Resp: 1639896  
Ion Ratio Lower Upper  
99 100  
42 22.2 18.5 27.7  
71 34.9 27.7 41.5



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.816 min Scan# 1297  
Delta R.T. -0.006 min  
Lab File: BM042404.D  
Acq: 23 Oct 2023 16:20

Tgt Ion: 136 Resp: 465871  
Ion Ratio Lower Upper  
136 100  
137 11.2 8.5 12.7  
54 9.8 8.6 12.8  
68 7.3 6.4 9.6





#23

Nitrobenzene-d5

Concen: 97.019 ng

RT: 9.192 min Scan# 1022

Delta R.T. -0.006 min

Lab File: BM042404.D

Acq: 23 Oct 2023 16:20

Instrument :

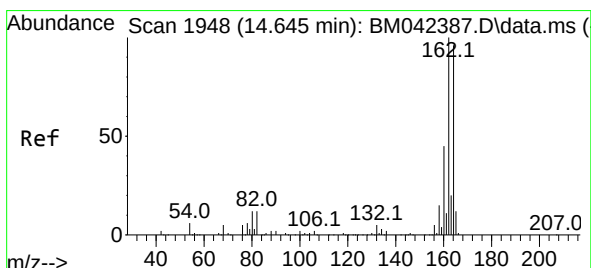
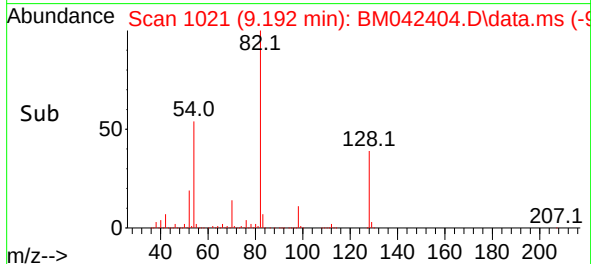
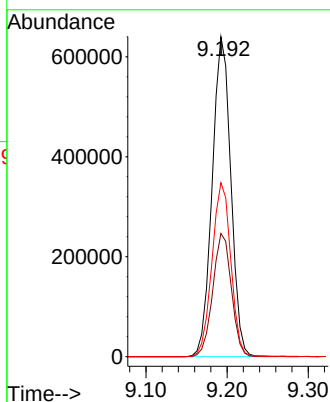
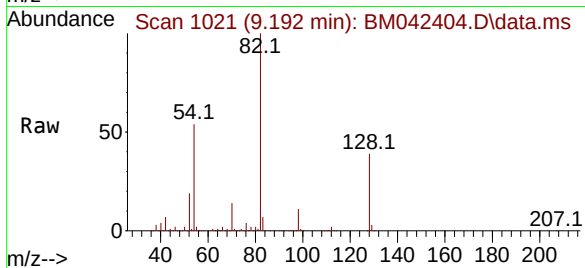
BNA\_M

ClientSampleId :

LSS-B4-COMP-101323

Tgt Ion: 82 Resp: 1022134

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 38.5  | 29.0  | 43.6  |
| 54  | 54.3  | 43.7  | 65.5  |



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.639 min Scan# 1947

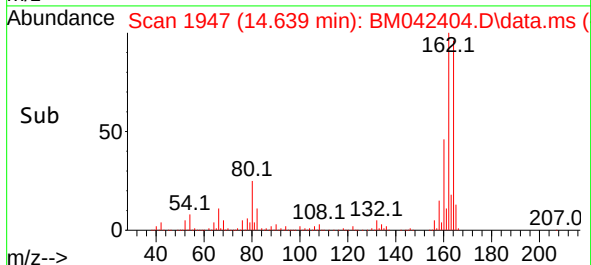
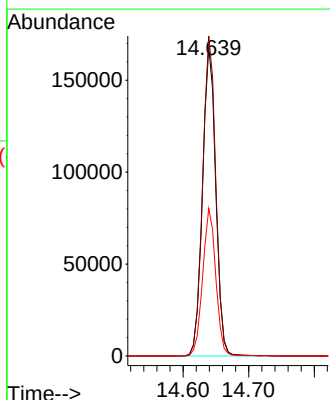
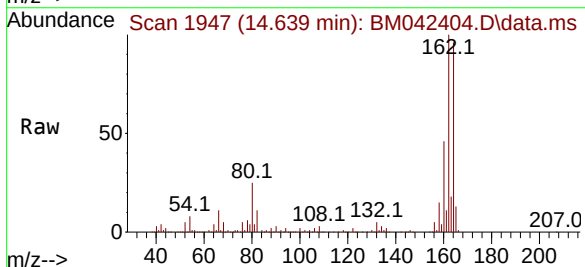
Delta R.T. -0.006 min

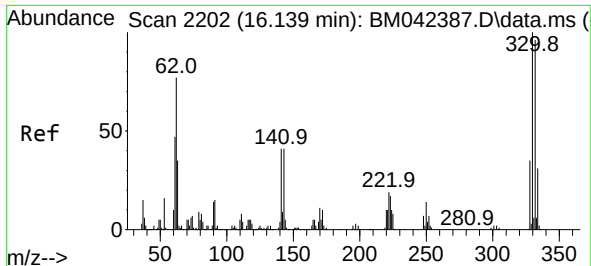
Lab File: BM042404.D

Acq: 23 Oct 2023 16:20

Tgt Ion: 164 Resp: 235879

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 103.8 | 83.0  | 124.4 |
| 160 | 47.8  | 37.0  | 55.4  |

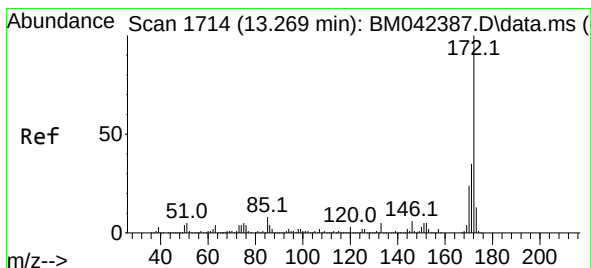
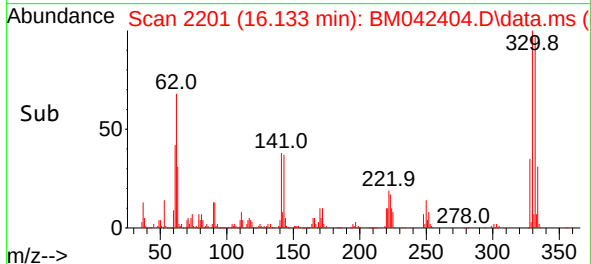
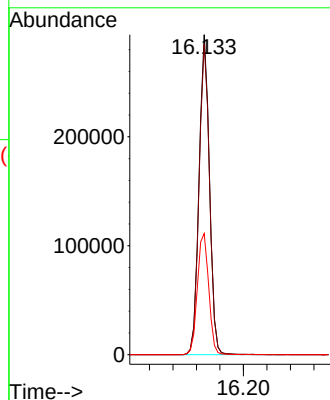
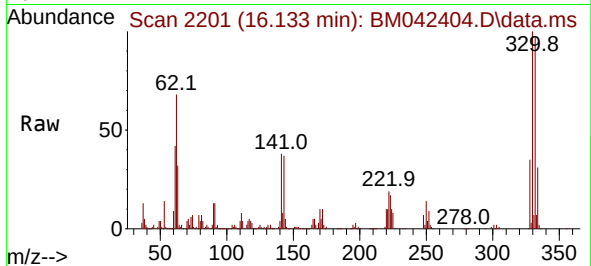




#42  
2,4,6-Tribromophenol  
Concen: 138.296 ng  
RT: 16.133 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BM042404.D  
Acq: 23 Oct 2023 16:20

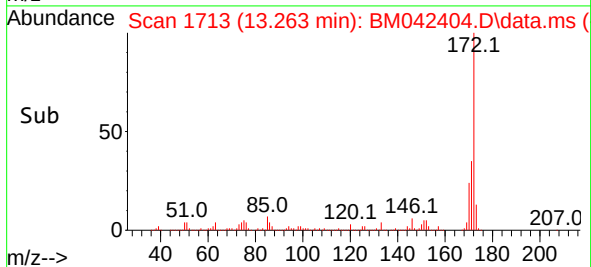
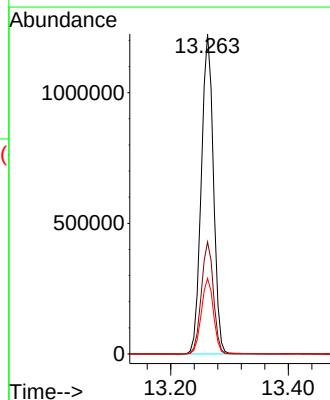
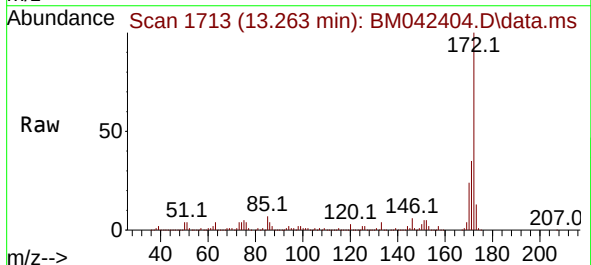
Instrument :  
BNA\_M  
ClientSampleId :  
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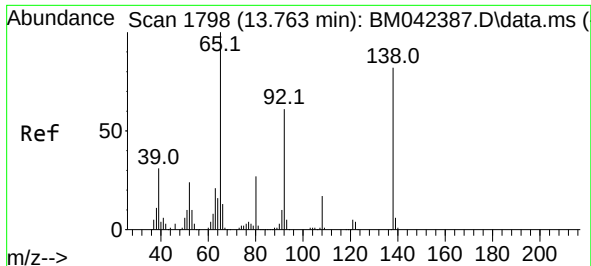
Tgt Ion:330 Resp: 361912  
Ion Ratio Lower Upper  
330 100  
332 97.4 77.6 116.4  
141 41.1 38.0 57.0



#45  
2-Fluorobiphenyl  
Concen: 100.226 ng  
RT: 13.263 min Scan# 1713  
Delta R.T. -0.006 min  
Lab File: BM042404.D  
Acq: 23 Oct 2023 16:20

Tgt Ion:172 Resp: 1755605  
Ion Ratio Lower Upper  
172 100  
171 35.0 28.1 42.1  
170 23.6 18.9 28.3

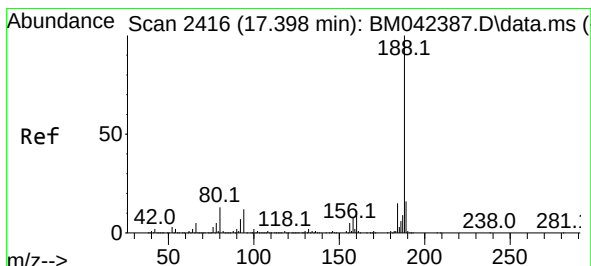
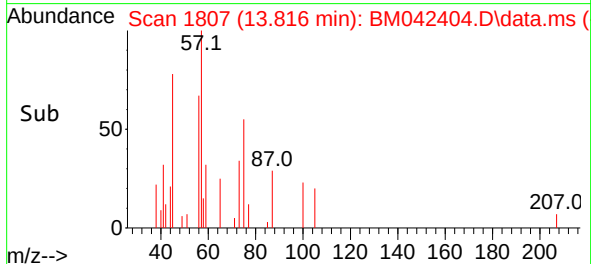
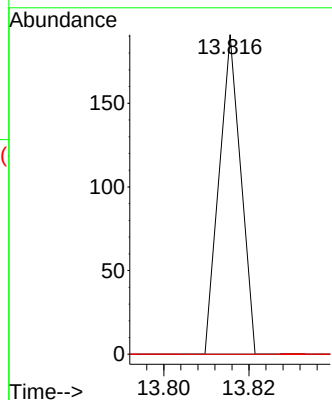
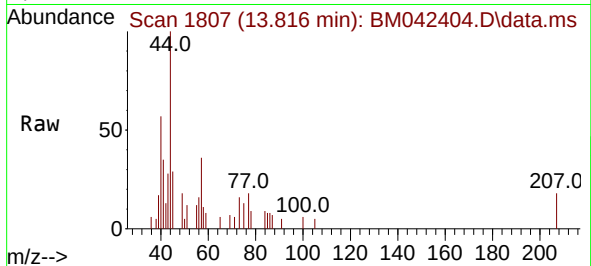




#48  
2-Nitroaniline  
Concen: 3.650 ng  
RT: 13.816 min Scan# 11  
Delta R.T. 0.053 min  
Lab File: BM042404.D  
Acq: 23 Oct 2023 16:20

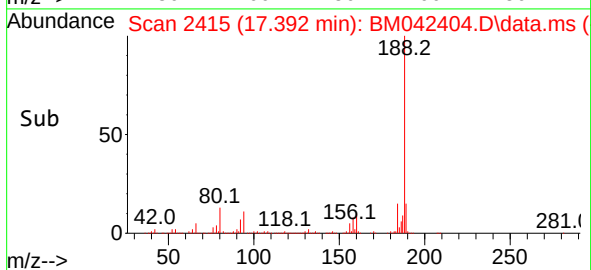
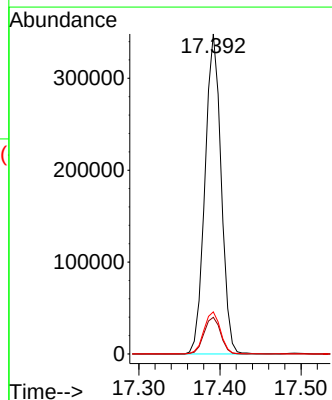
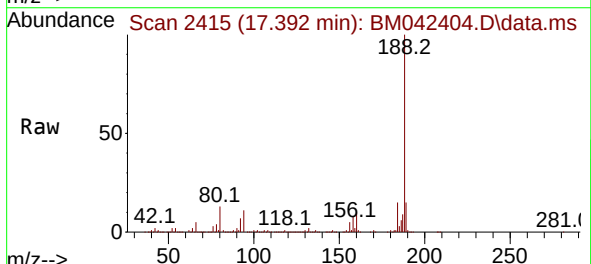
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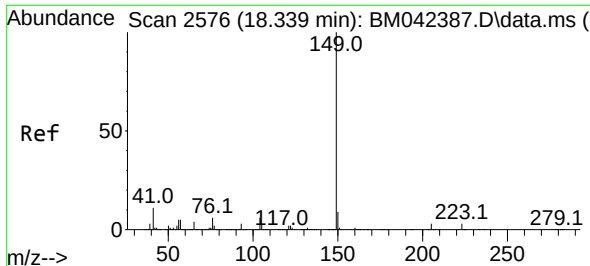
Tgt Ion: 65 Resp: 67  
Ion Ratio Lower Upper  
65 100  
92 0.0 49.0 73.6#  
138 0.0 65.5 98.3#



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.392 min Scan# 2415  
Delta R.T. -0.006 min  
Lab File: BM042404.D  
Acq: 23 Oct 2023 16:20

Tgt Ion:188 Resp: 480214  
Ion Ratio Lower Upper  
188 100  
94 11.5 9.4 14.0  
80 13.2 10.7 16.1

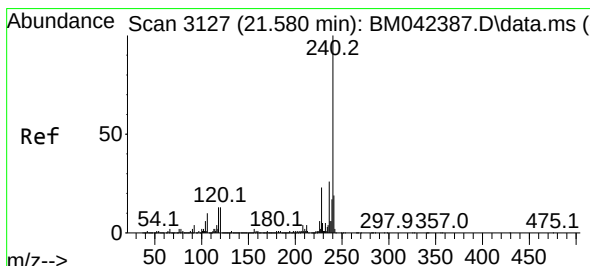
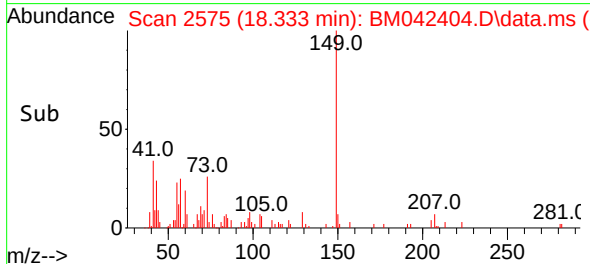
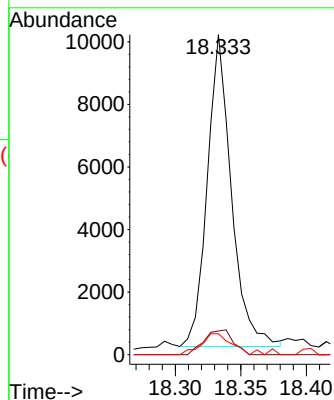
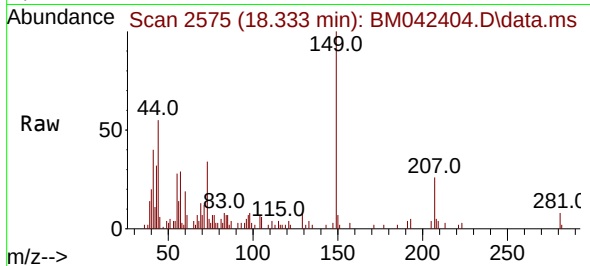




#74  
Di-n-butylphthalate  
Concen: 3.209 ng  
RT: 18.333 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BM042404.D  
Acq: 23 Oct 2023 16:20

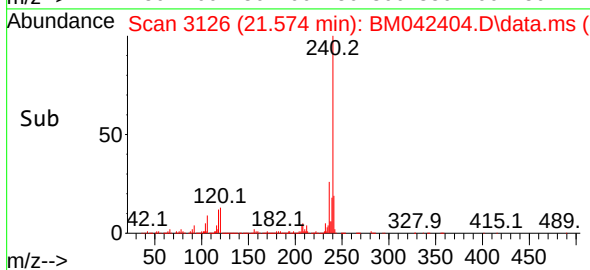
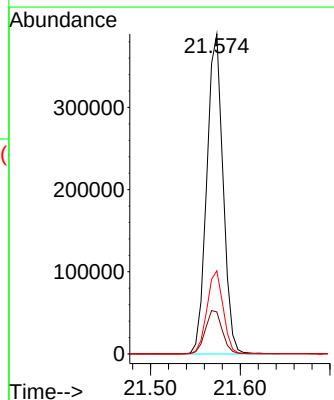
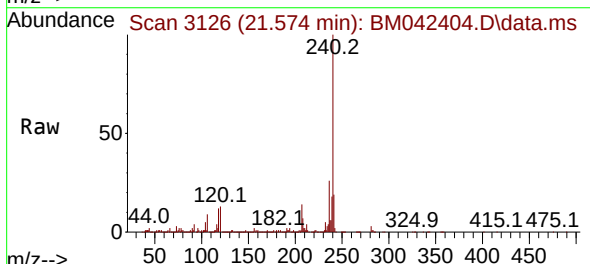
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|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:149 | Resp: | 12777       |
| Ion         | Ratio | Lower Upper |
| 149         | 100   |             |
| 150         | 7.4   | 7.4 11.0    |
| 104         | 6.5   | 4.6 7.0     |

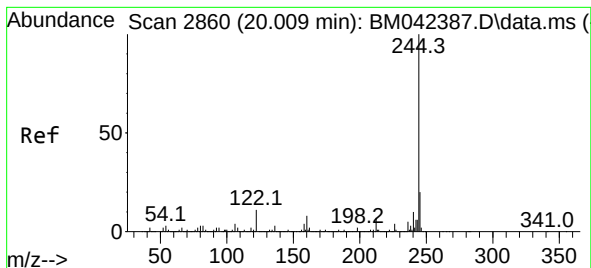


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.574 min Scan# 3126  
Delta R.T. -0.006 min  
Lab File: BM042404.D  
Acq: 23 Oct 2023 16:20

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:240 | Resp: | 489920      |
| Ion         | Ratio | Lower Upper |
| 240         | 100   |             |
| 120         | 13.2  | 10.7 16.1   |
| 236         | 26.0  | 20.7 31.1   |







#79

Terphenyl-d14

Concen: 93.058 ng

RT: 20.003 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM042404.D

Acq: 23 Oct 2023 16:20

Instrument :

BNA\_M

ClientSampleId :

LSS-B4-COMP-101323

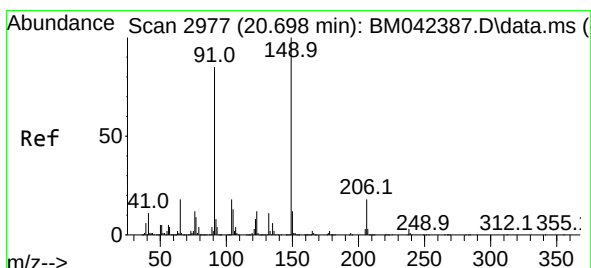
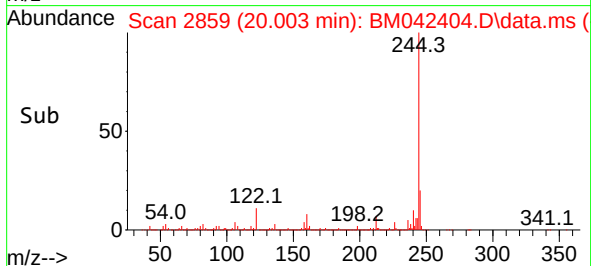
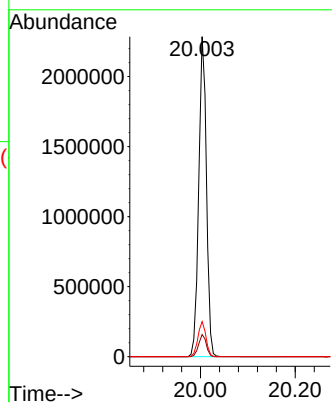
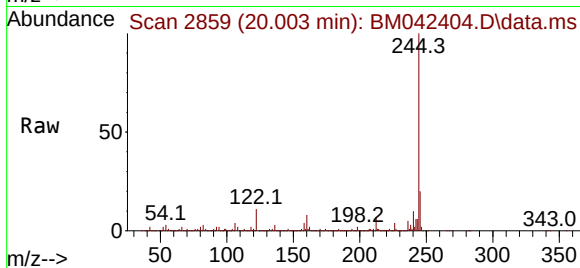
Tgt Ion:244 Resp: 2570685

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 11.0 8.8 13.2



#80

Butylbenzylphthalate

Concen: 3.276 ng

RT: 20.739 min Scan# 2984

Delta R.T. 0.041 min

Lab File: BM042404.D

Acq: 23 Oct 2023 16:20

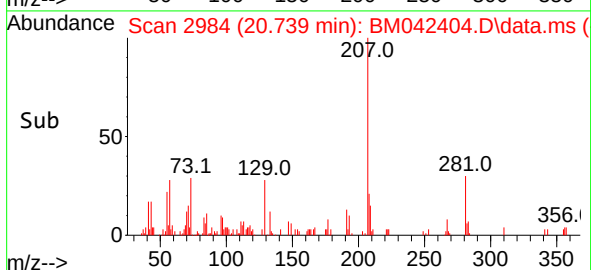
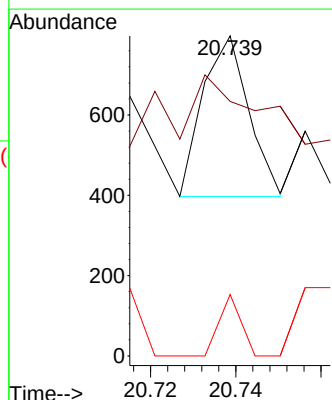
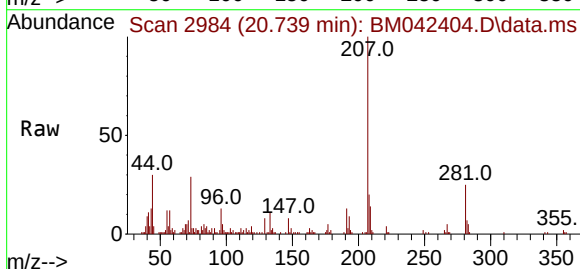
Tgt Ion:149 Resp: 299

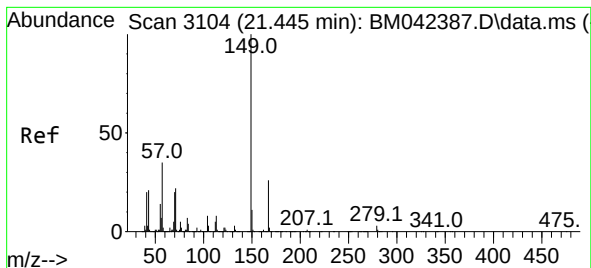
Ion Ratio Lower Upper

149 100

91 79.5 68.3 102.5

206 19.2 14.6 22.0





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.909 ng

RT: 21.439 min Scan# 3103

Delta R.T. -0.006 min

Lab File: BM042404.D

Acq: 23 Oct 2023 16:20

Instrument :

BNA\_M

ClientSampleId :

LSS-B4-COMP-101323

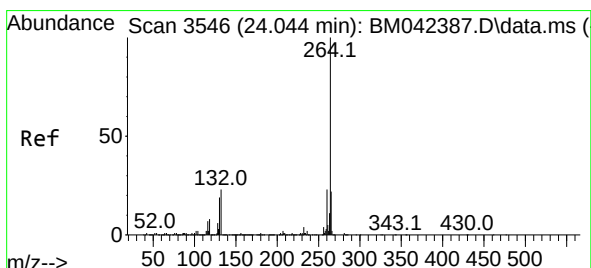
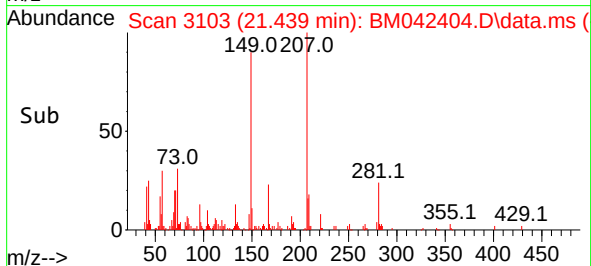
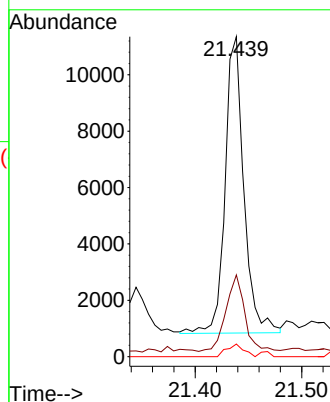
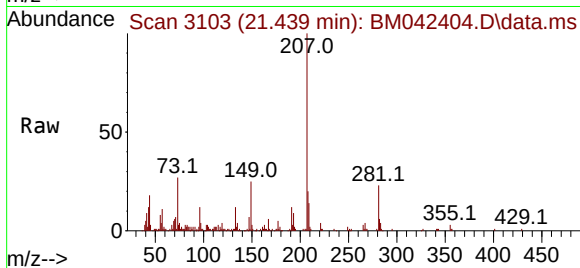
Tgt Ion:149 Resp: 12822

Ion Ratio Lower Upper

149 100

167 25.6 20.9 31.3

279 3.9 2.7 4.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.038 min Scan# 3545

Delta R.T. -0.006 min

Lab File: BM042404.D

Acq: 23 Oct 2023 16:20

Tgt Ion:264 Resp: 570808

Ion Ratio Lower Upper

264 100

260 24.1 18.6 27.8

265 22.3 17.8 26.8

