

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080423\  
 Data File : BM041291.D  
 Acq On : 04 Aug 2023 13:05  
 Operator : MA/JU  
 Sample : 03877-08  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 COMP-3

Quant Time: Aug 04 16:13:57 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM072823.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 02 19:20:51 2023  
 Response via : Initial Calibration

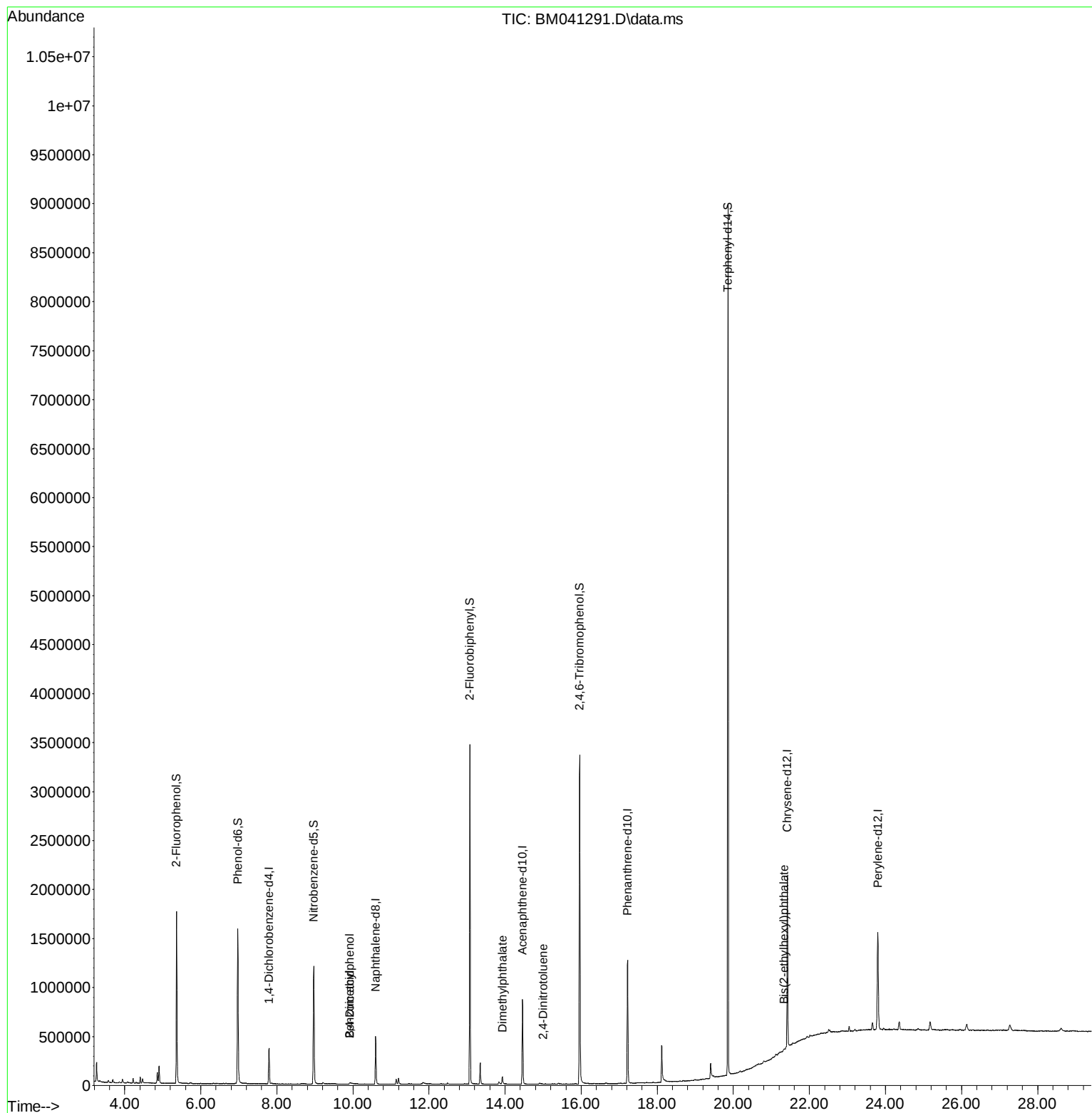
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min)   |
|-------------------------------|--------|------|----------|---------|-------|------------|
| -----                         |        |      |          |         |       |            |
| Internal Standards            |        |      |          |         |       |            |
| 1) 1,4-Dichlorobenzene-d4     | 7.792  | 152  | 97318    | 20.000  | ng    | 0.00       |
| 21) Naphthalene-d8            | 10.598 | 136  | 404841   | 20.000  | ng    | 0.00       |
| 39) Acenaphthene-d10          | 14.457 | 164  | 290745   | 20.000  | ng    | 0.00       |
| 64) Phenanthrene-d10          | 17.221 | 188  | 767749   | 20.000  | ng    | 0.00       |
| 76) Chrysene-d12              | 21.421 | 240  | 812613   | 20.000  | ng    | -0.01      |
| 86) Perylene-d12              | 23.797 | 264  | 789583   | 20.000  | ng    | 0.00       |
| System Monitoring Compounds   |        |      |          |         |       |            |
| 5) 2-Fluorophenol             | 5.363  | 112  | 735973   | 113.029 | ng    | 0.00       |
| 7) Phenol-d6                  | 6.975  | 99   | 884638   | 104.811 | ng    | 0.00       |
| 23) Nitrobenzene-d5           | 8.969  | 82   | 698795   | 80.271  | ng    | 0.00       |
| 42) 2,4,6-Tribromophenol      | 15.962 | 330  | 654002   | 159.030 | ng    | 0.00       |
| 45) 2-Fluorobiphenyl          | 13.074 | 172  | 1707840  | 74.203  | ng    | 0.00       |
| 79) Terphenyl-d14             | 19.856 | 244  | 4248984  | 94.539  | ng    | 0.00       |
| Target Compounds              |        |      |          |         |       |            |
| 27) 2,4-Dimethylphenol        | 9.910  | 122  | 12428    | 2.052   | ng    | Qvalue # 2 |
| 32) Benzoic acid              | 9.910  | 122  | 12428    | 9.480   | ng    | 96         |
| 50) Dimethylphthalate         | 13.927 | 163  | 53447    | 2.444   | ng    | 100        |
| 57) 2,4-Dinitrotoluene        | 15.004 | 165  | 55       | 2.679   | ng    | # 12       |
| 84) Bis(2-ethylhexyl)phtha... | 21.327 | 149  | 4337     | 2.664   | ng    | # 95       |
| -----                         |        |      |          |         |       |            |

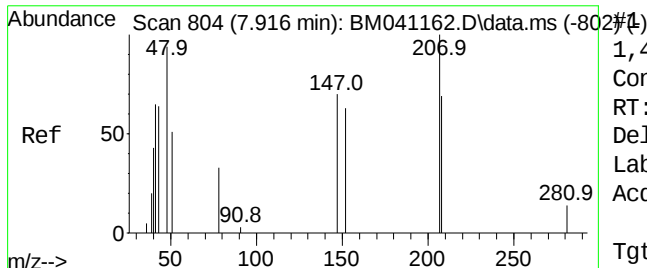
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM072823.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Aug 02 19:20:51 2023  
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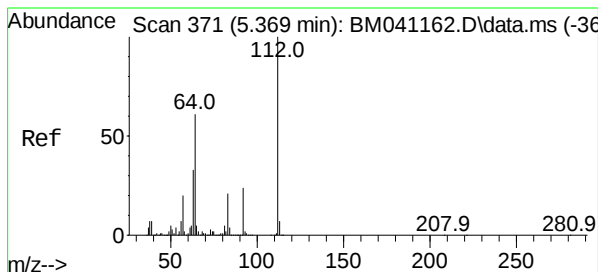
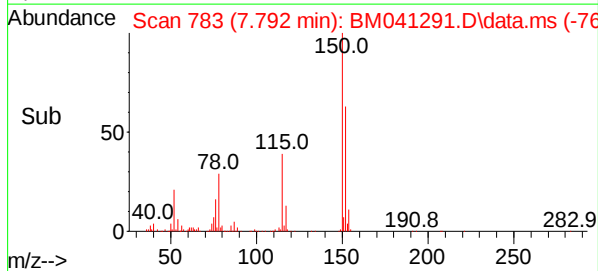
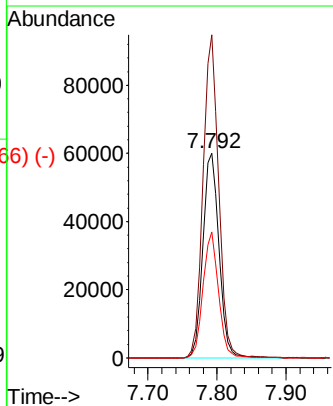
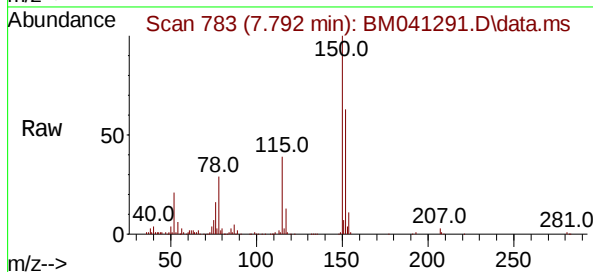




1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.792 min Scan#  
 Delta R.T. -0.001 min  
 Lab File: BM041291.D  
 Acq: 04 Aug 2023 13:05

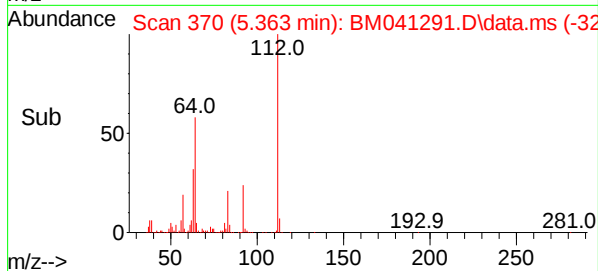
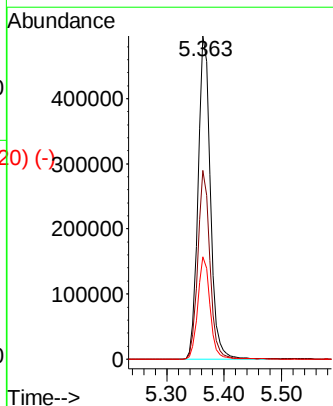
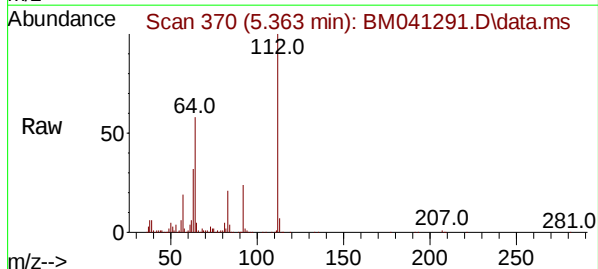
Instrument :  
 BNA\_M  
 ClientSampleId :  
 COMP-3

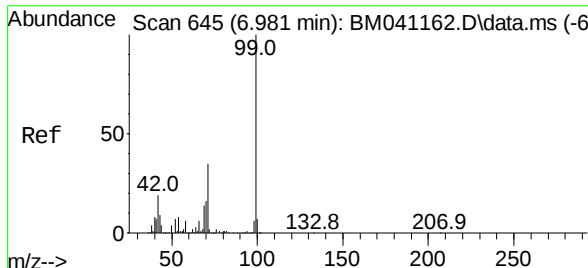
Tgt Ion:152 Resp: 97318  
 Ion Ratio Lower Upper  
 152 100  
 150 157.8 125.5 188.3  
 115 61.6 48.0 72.0



2-Fluorophenol  
 Concen: 113.029 ng  
 RT: 5.363 min Scan# 370  
 Delta R.T. -0.006 min  
 Lab File: BM041291.D  
 Acq: 04 Aug 2023 13:05

Tgt Ion:112 Resp: 735973  
 Ion Ratio Lower Upper  
 112 100  
 64 58.4 48.5 72.7  
 63 31.7 26.5 39.7

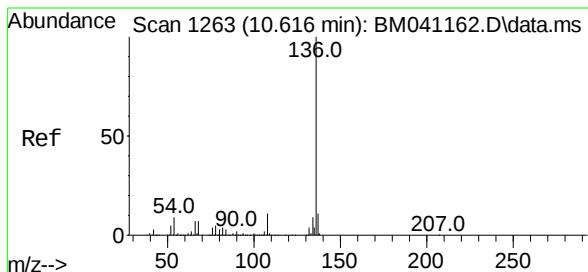
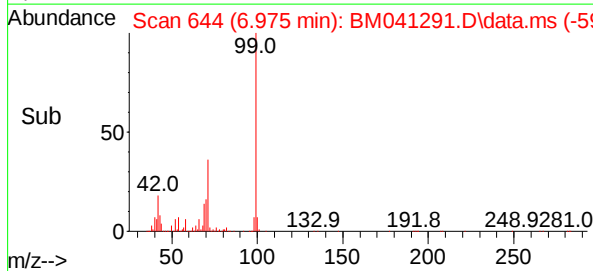
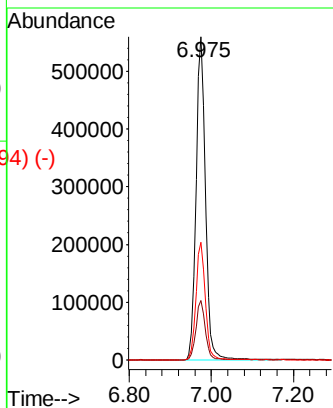
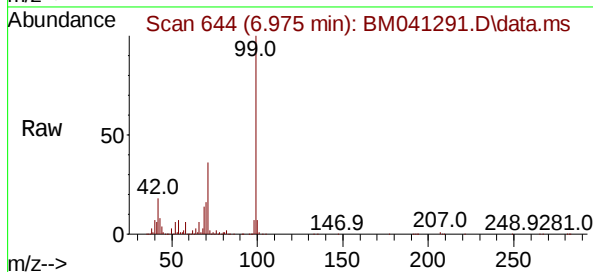




Phenol-d6  
 Concen: 104.811 ng  
 RT: 6.975 min Scan# 645  
 Delta R.T. -0.006 min  
 Lab File: BM041291.D  
 Acq: 04 Aug 2023 13:05

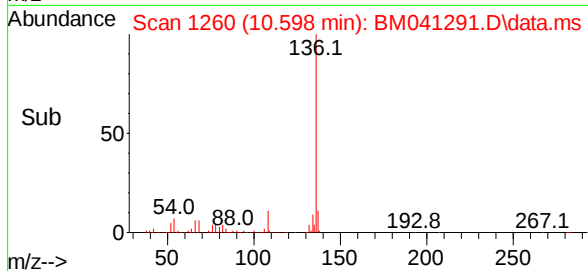
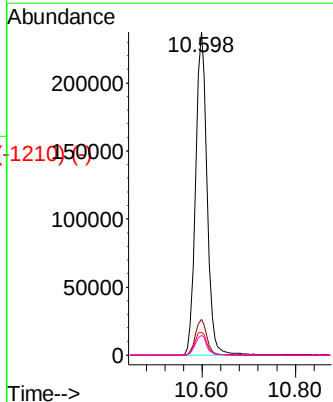
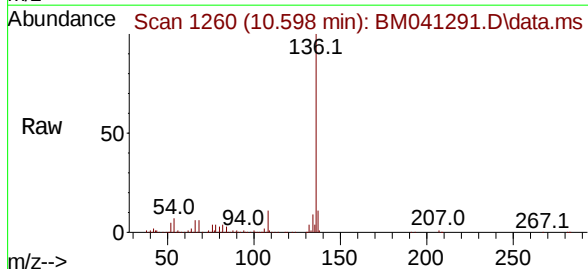
Instrument :  
 BNA\_M  
 ClientSampleId :  
 COMP-3

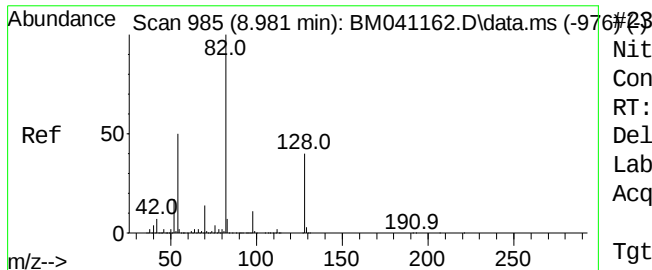
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 99    | Resp: | 884638 |
| Ion      | Ratio | Lower | Upper  |
| 99       | 100   |       |        |
| 42       | 18.4  | 15.4  | 23.0   |
| 71       | 36.5  | 28.2  | 42.4   |



Naphthalene-d8  
 Concen: 20.000 ng  
 RT: 10.598 min Scan# 1260  
 Delta R.T. -0.006 min  
 Lab File: BM041291.D  
 Acq: 04 Aug 2023 13:05

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 404841 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.1  | 8.8   | 13.2   |
| 54       | 7.1   | 6.9   | 10.3   |
| 68       | 6.1   | 5.4   | 8.2    |

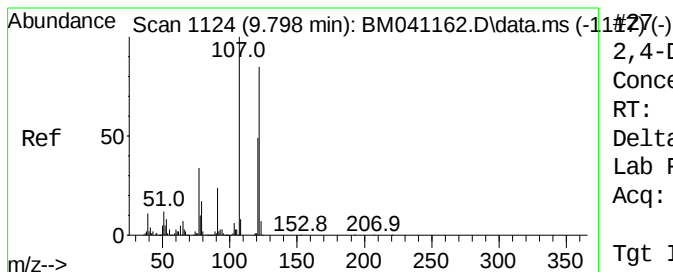
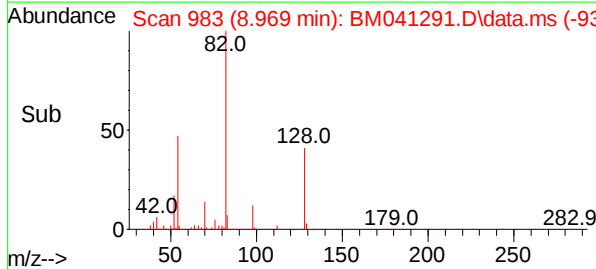
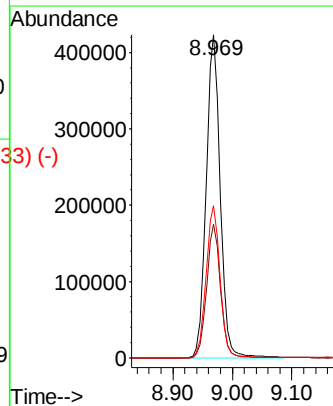
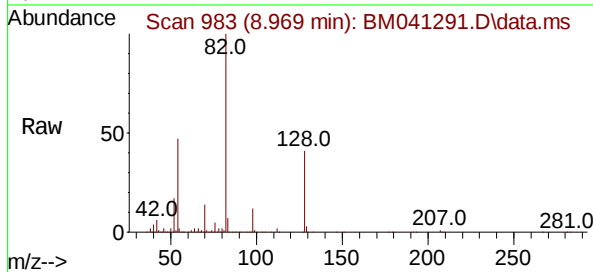




Nitrobenzene-d5  
Concen: 80.271 ng  
RT: 8.969 min Scan# 1143  
Delta R.T. -0.006 min  
Lab File: BM041291.D  
Acq: 04 Aug 2023 13:05

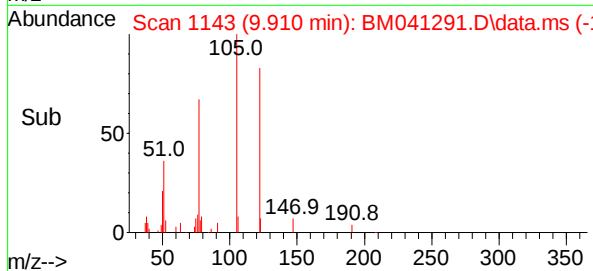
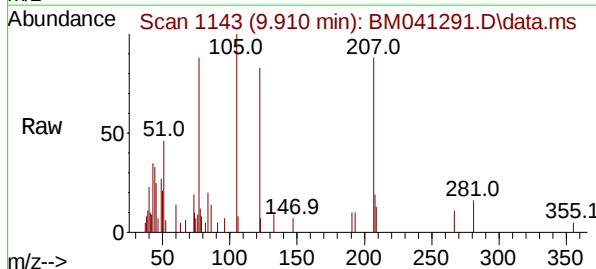
Instrument :  
BNA\_M  
ClientSampleId :  
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|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 82    | Resp: | 698795 |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 128      | 41.3  | 31.8  | 47.6   |
| 54       | 47.1  | 40.1  | 60.1   |

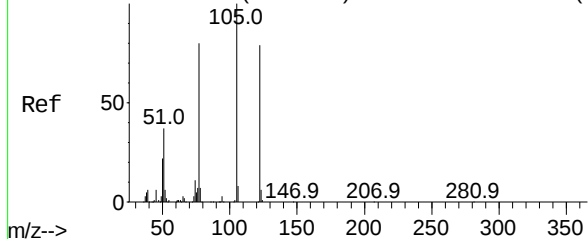


2,4-Dimethylphenol  
Concen: 2.052 ng  
RT: 9.910 min Scan# 1143  
Delta R.T. 0.117 min  
Lab File: BM041291.D  
Acq: 04 Aug 2023 13:05

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 122   | Resp: | 12428  |
| Ion      | Ratio | Lower | Upper  |
| 122      | 100   |       |        |
| 107      | 0.0   | 94.3  | 141.5# |
| 121      | 0.0   | 45.8  | 68.8#  |



Abundance Scan 1151 (9.957 min): BM041162.D\data.ms (-1151) (-)



Benzoic acid

Concen: 9.480 ng

RT: 9.910 min Scan#

Delta R.T. -0.047 min

Lab File: BM041291.D

Acq: 04 Aug 2023 13:05

Instrument :

BNA\_M

ClientSampleId :

COMP-3

Tgt Ion:122 Resp: 12428

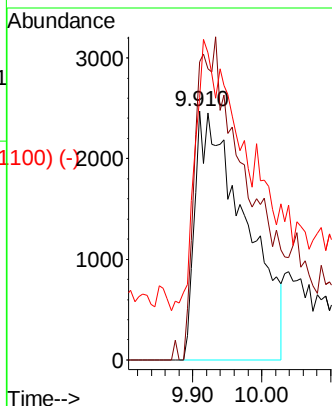
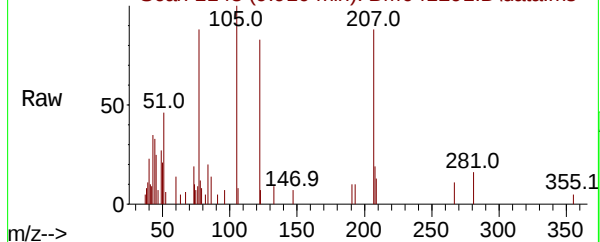
Ion Ratio Lower Upper

122 100

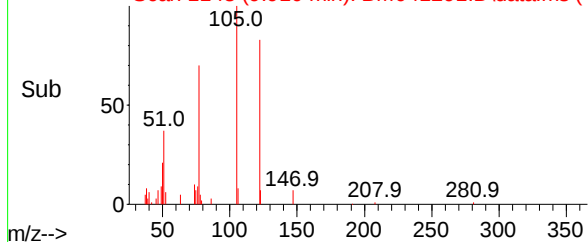
105 119.8 104.0 144.0

77 105.4 79.9 119.9

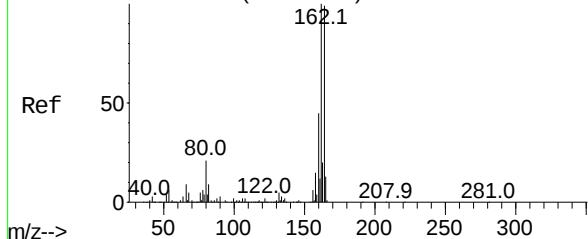
Abundance Scan 1143 (9.910 min): BM041291.D\data.ms



Abundance Scan 1143 (9.910 min): BM041291.D\data.ms (-1100) (-)



Abundance Scan 1919 (14.474 min): BM041162.D\data.ms (-1919) (-)



Acenaphthene-d10

Concen: 20.000 ng

RT: 14.457 min Scan# 1916

Delta R.T. -0.006 min

Lab File: BM041291.D

Acq: 04 Aug 2023 13:05

Tgt Ion:164 Resp: 290745

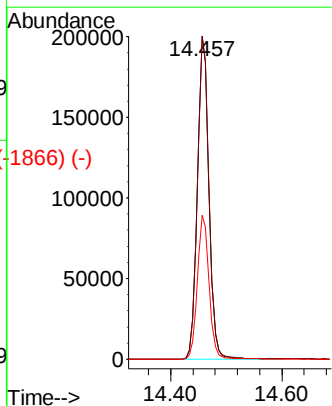
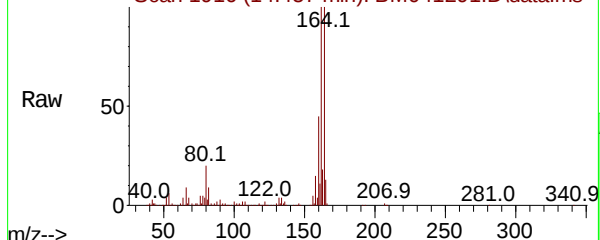
Ion Ratio Lower Upper

164 100

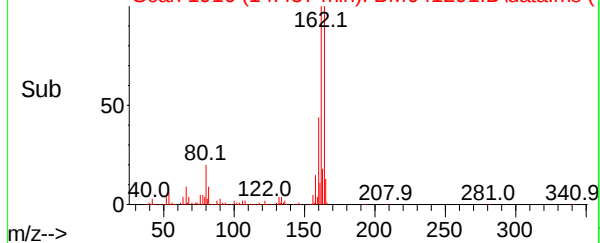
162 99.9 80.4 120.6

160 44.6 36.2 54.2

Abundance Scan 1916 (14.457 min): BM041291.D\data.ms



Abundance Scan 1916 (14.457 min): BM041291.D\data.ms (-1866) (-)



Abundance Scan 2174 (15.974 min): BM041162.D\data.ms (-2162) (-)

2,4,6-Tribromophenol

Concen: 159.030 ng

RT: 15.962 min Scan# 2162

Delta R.T. -0.006 min

Lab File: BM041291.D

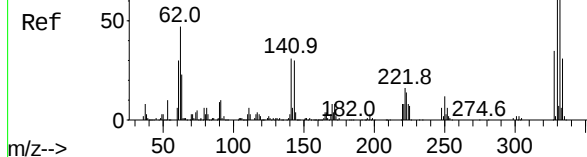
Acq: 04 Aug 2023 13:05

Instrument :

BNA\_M

ClientSampleId :

COMP-3



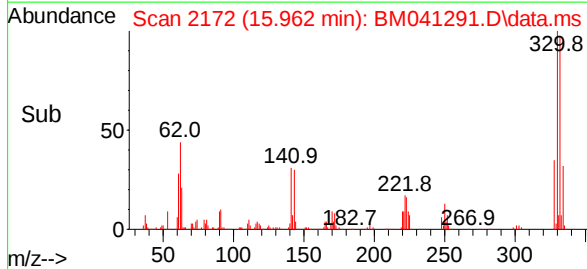
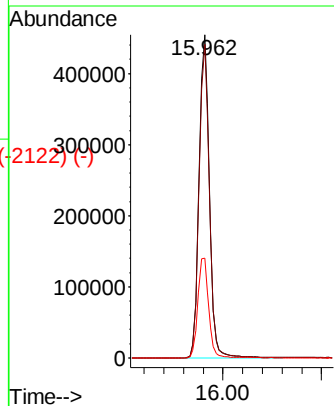
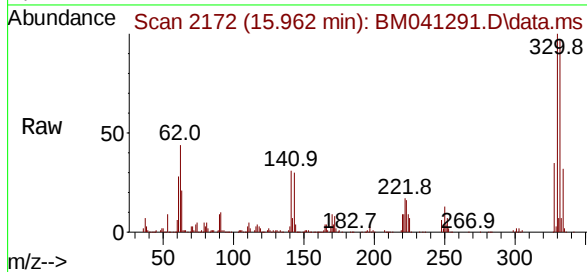
Tgt Ion:330 Resp: 654002

Ion Ratio Lower Upper

330 100

332 96.9 77.7 116.5

141 32.3 28.3 42.5



Abundance Scan 1684 (13.092 min): BM041162.D\data.ms (-1645) (-)

2-Fluorobiphenyl

Concen: 74.203 ng

RT: 13.074 min Scan# 1681

Delta R.T. -0.006 min

Lab File: BM041291.D

Acq: 04 Aug 2023 13:05

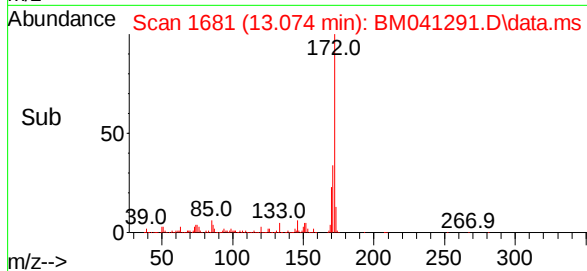
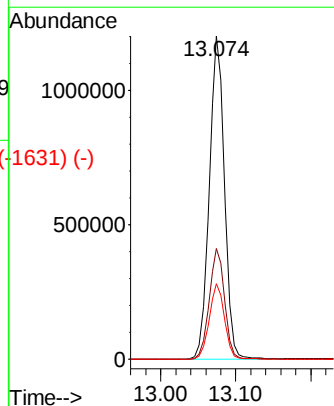
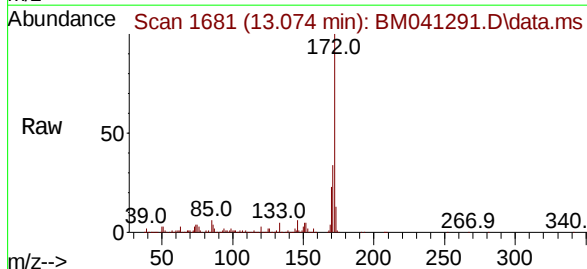
Tgt Ion:172 Resp: 1707840

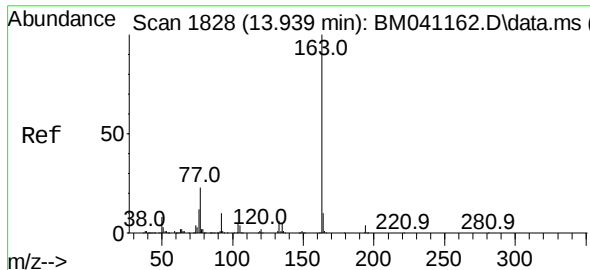
Ion Ratio Lower Upper

172 100

171 34.3 28.1 42.1

170 23.4 18.9 28.3

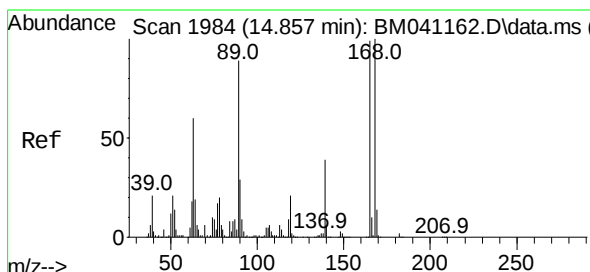
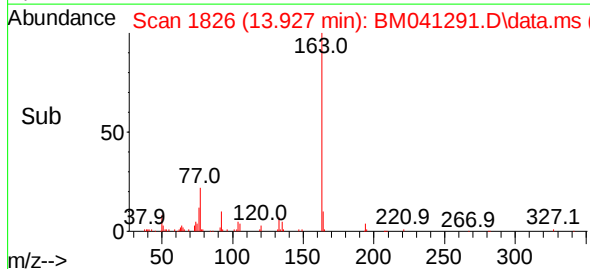
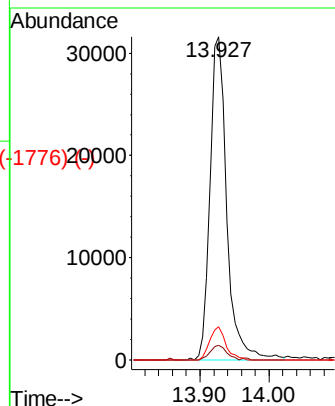
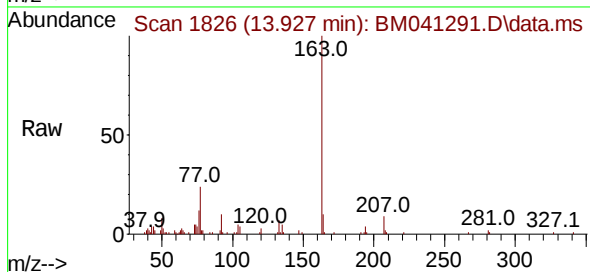




Dimethylphthalate  
 Concen: 2.444 ng  
 RT: 13.927 min Scan# 1826  
 Delta R.T. -0.006 min  
 Lab File: BM041291.D  
 Acq: 04 Aug 2023 13:05

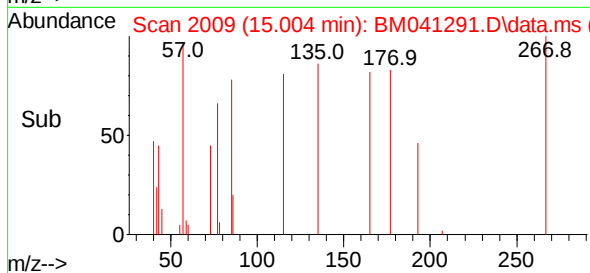
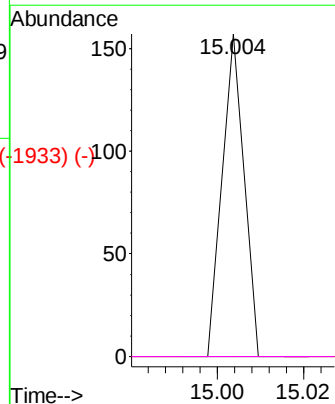
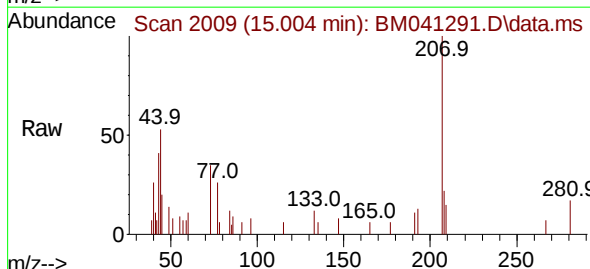
Instrument :  
 BNA\_M  
 ClientSampleId :  
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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 163   | Resp: | 53447 |
| Ion      | Ratio | Lower | Upper |
| 163      | 100   |       |       |
| 194      | 4.5   | 3.3   | 4.9   |
| 164      | 10.3  | 8.3   | 12.5  |

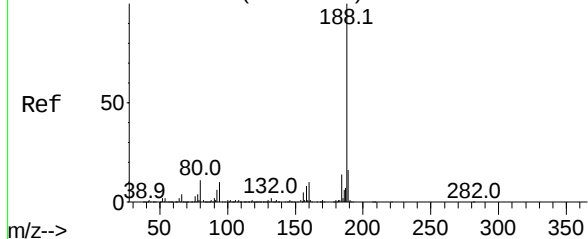


2,4-Dinitrotoluene  
 Concen: 2.679 ng  
 RT: 15.004 min Scan# 2009  
 Delta R.T. 0.147 min  
 Lab File: BM041291.D  
 Acq: 04 Aug 2023 13:05

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 165   | Resp: | 55     |
| Ion      | Ratio | Lower | Upper  |
| 165      | 100   |       |        |
| 63       | 0.0   | 48.3  | 72.5#  |
| 89       | 0.0   | 71.8  | 107.8# |
| 182      | 0.0   | 2.0   | 3.0#   |



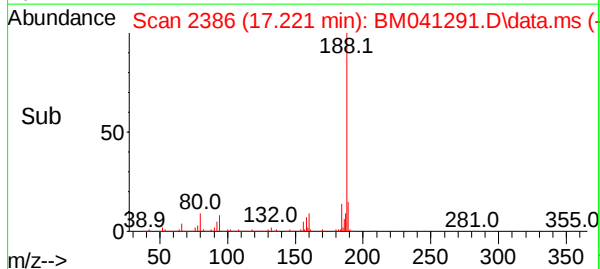
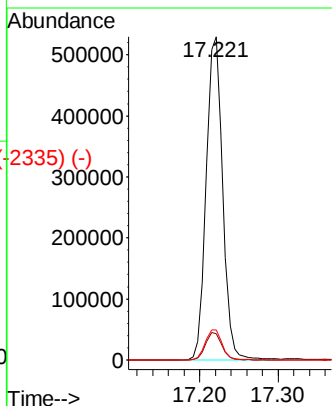
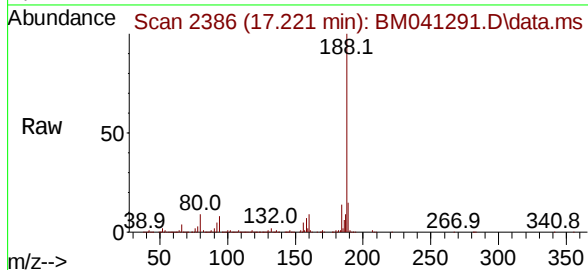
Abundance Scan 2387 (17.227 min): BM041162.D\data.ms (-2387) (-)



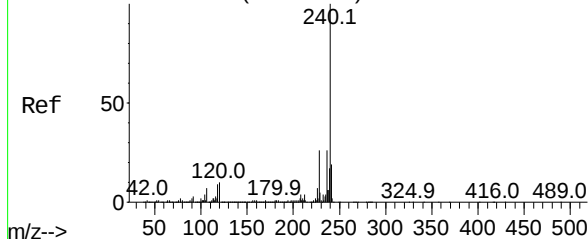
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.221 min Scan# 2387  
Delta R.T. -0.000 min  
Lab File: BM041291.D  
Acq: 04 Aug 2023 13:05

Instrument :  
BNA\_M  
ClientSampleId :  
COMP-3

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 188   | Resp: | 767749 |
| Ion      | Ratio | Lower | Upper  |
| 188      | 100   |       |        |
| 94       | 8.2   | 8.2   | 12.2   |
| 80       | 9.2   | 8.6   | 13.0   |

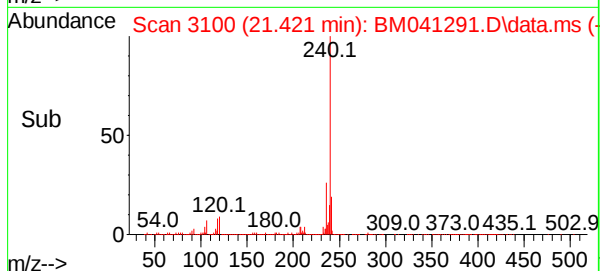
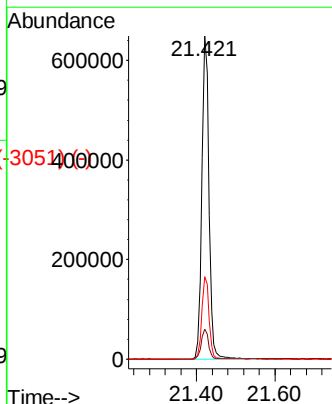
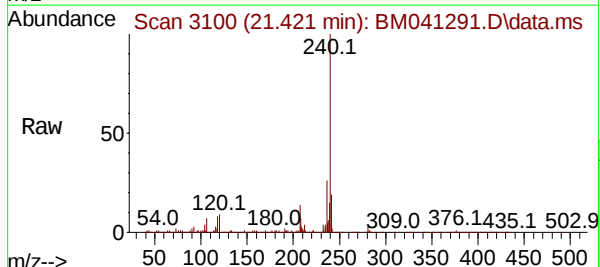


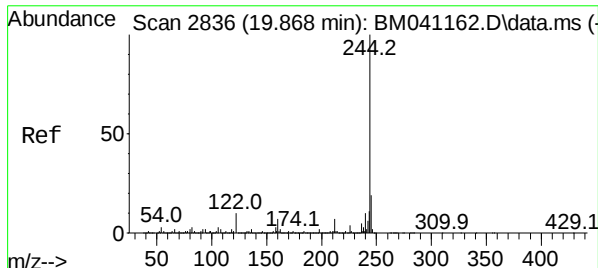
Abundance Scan 3102 (21.433 min): BM041162.D\data.ms (-3075) (-)



Chrysene-d12  
Concen: 20.000 ng  
RT: 21.421 min Scan# 3100  
Delta R.T. -0.012 min  
Lab File: BM041291.D  
Acq: 04 Aug 2023 13:05

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 240   | Resp: | 812613 |
| Ion      | Ratio | Lower | Upper  |
| 240      | 100   |       |        |
| 120      | 9.2   | 8.3   | 12.5   |
| 236      | 25.6  | 20.6  | 30.8   |



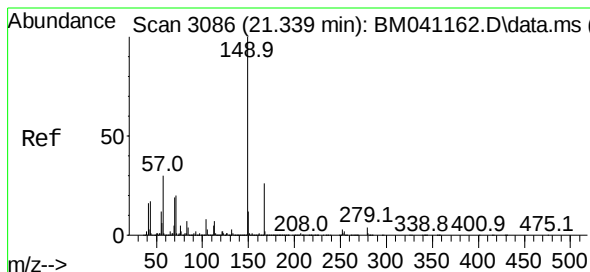
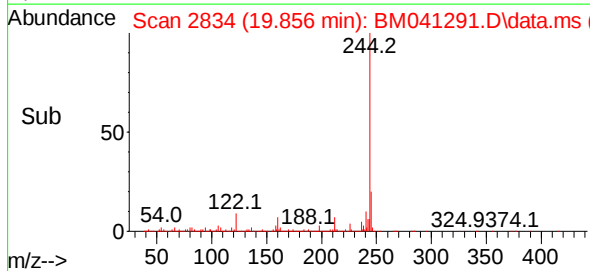
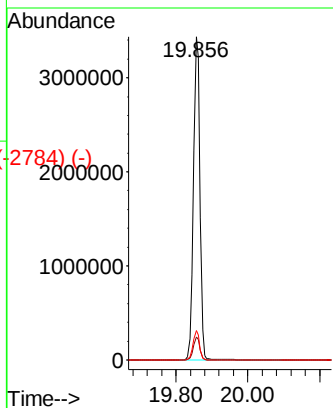
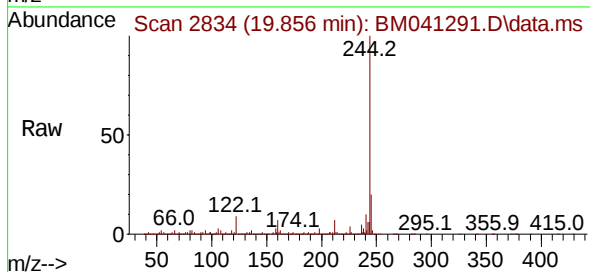


Terphenyl-d14  
 Concen: 94.539 ng  
 RT: 19.856 min Scan# 1  
 Delta R.T. -0.006 min  
 Lab File: BM041291.D  
 Acq: 04 Aug 2023 13:05

Instrument :  
 BNA\_M  
 ClientSampleId :  
 COMP-3

Tgt Ion:244 Resp: 4248984  

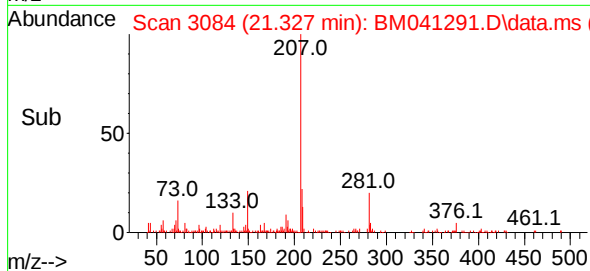
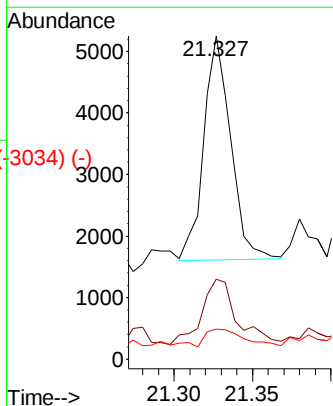
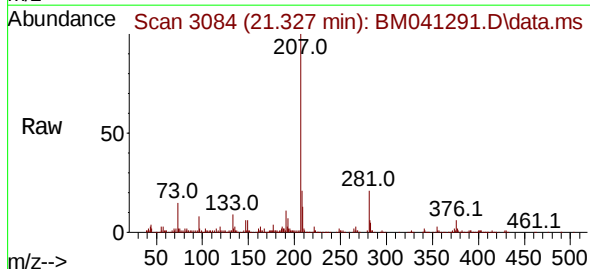
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 7.2   | 5.4   | 8.2   |
| 122 | 9.1   | 7.8   | 11.6  |

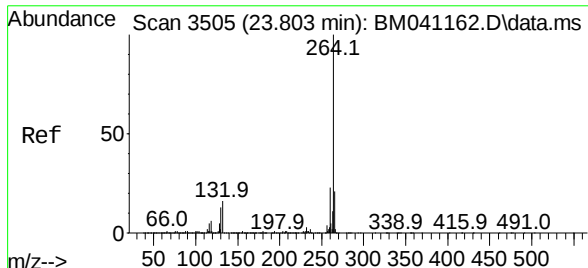


Bis(2-ethylhexyl)phthalate  
 Concen: 2.664 ng  
 RT: 21.327 min Scan# 3084  
 Delta R.T. -0.006 min  
 Lab File: BM041291.D  
 Acq: 04 Aug 2023 13:05

Tgt Ion:149 Resp: 4337  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 24.8  | 21.0  | 31.6  |
| 279 | 9.3   | 3.1   | 4.7#  |





Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.797 min Scan# 3485  
 Delta R.T. -0.006 min  
 Lab File: BM041291.D  
 Acq: 04 Aug 2023 13:05

Instrument :  
 BNA\_M  
 ClientSampleId :  
 COMP-3

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 264   | Resp: | 789583 |
| Ion      | Ratio | Lower | Upper  |
| 264      | 100   |       |        |
| 260      | 23.8  | 18.5  | 27.7   |
| 265      | 22.0  | 17.4  | 26.0   |

