

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM102423\  
 Data File : BM042428.D  
 Acq On : 24 Oct 2023 20:19  
 Operator : MA/JU  
 Sample : 04976-01  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 NB-426-COMP-01

Quant Time: Oct 25 02:14:02 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

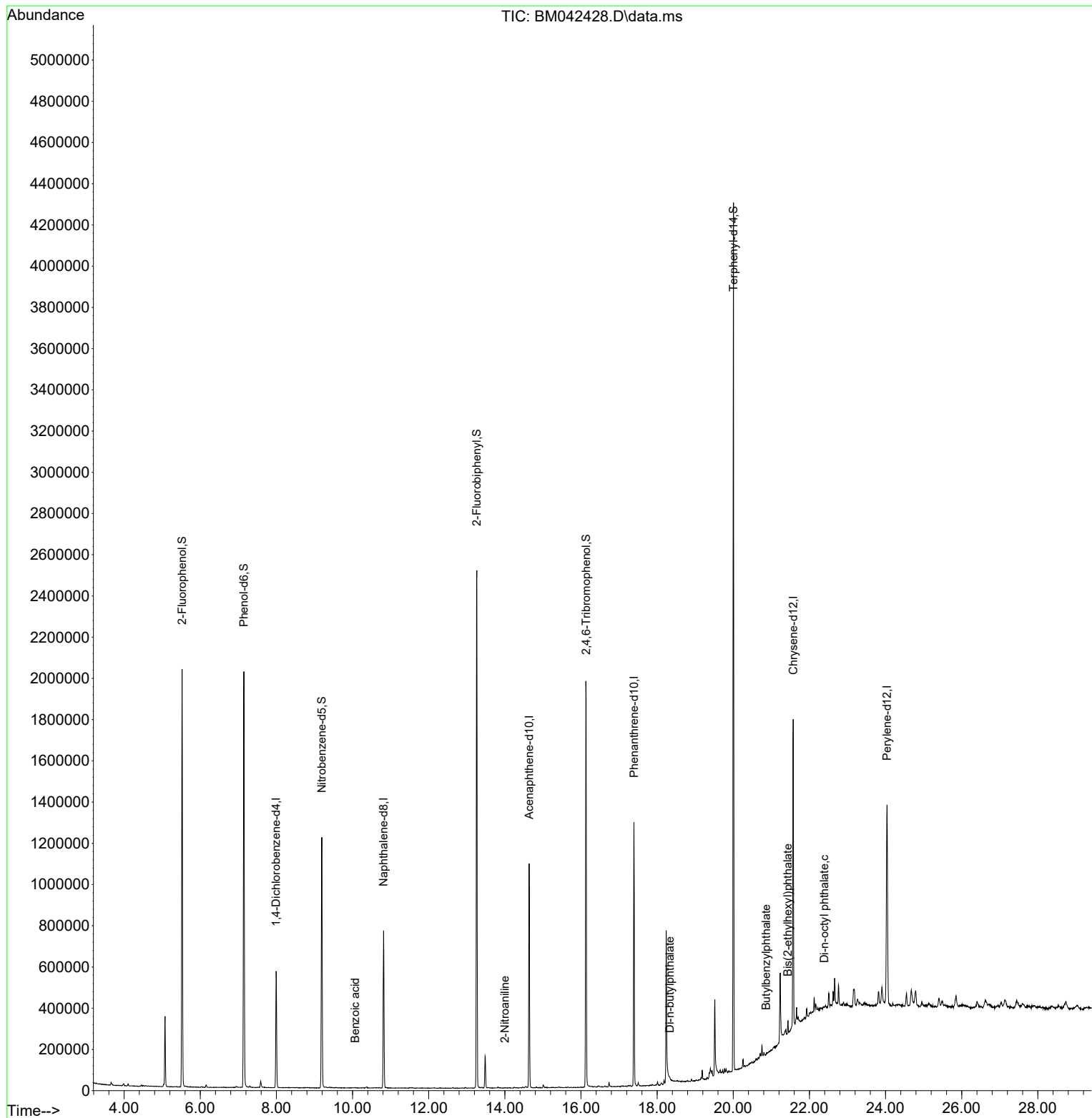
| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.992  | 152  | 140362   | 20.000 | ng     | 0.00     |
| 21) Naphthalene-d8            | 10.816 | 136  | 582380   | 20.000 | ng     | 0.00     |
| 39) Acenaphthene-d10          | 14.639 | 164  | 333614   | 20.000 | ng     | 0.00     |
| 64) Phenanthrene-d10          | 17.392 | 188  | 718045   | 20.000 | ng     | 0.00     |
| 76) Chrysene-d12              | 21.574 | 240  | 665390   | 20.000 | ng     | 0.00     |
| 86) Perylene-d12              | 24.038 | 264  | 742799   | 20.000 | ng     | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 5) 2-Fluorophenol             | 5.522  | 112  | 774468   | 77.982 | ng     | 0.00     |
| 7) Phenol-d6                  | 7.145  | 99   | 1044615  | 78.488 | ng     | 0.00     |
| 23) Nitrobenzene-d5           | 9.192  | 82   | 669334   | 50.822 | ng     | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.133 | 330  | 316847   | 89.127 | ng     | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.263 | 172  | 1234821  | 49.843 | ng     | 0.00     |
| 79) Terphenyl-d14             | 20.003 | 244  | 1811601  | 48.285 | ng     | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 32) Benzoic acid              | 10.069 | 122  | 60       | 5.332  | ng     | # 1      |
| 48) 2-Nitroaniline            | 13.998 | 65   | 118      | 3.653  | ng     | # 13     |
| 74) Di-n-butylphthalate       | 18.333 | 149  | 3338     | 2.886  | ng     | # 85     |
| 80) Butylbenzylphthalate      | 20.862 | 149  | 248      | 3.269  | ng     | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.433 | 149  | 18596    | 3.946  | ng     | 98       |
| 85) Di-n-octyl phthalate      | 22.386 | 149  | 290      | 4.224  | ng     | # 1      |
| -----                         |        |      |          |        |        |          |

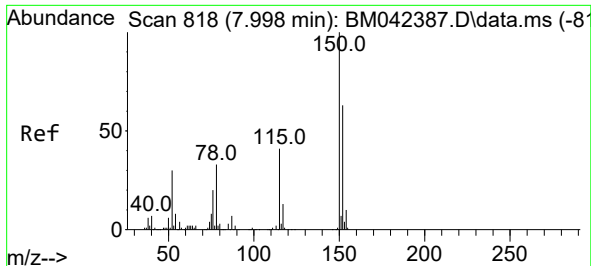
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM102423\  
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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  
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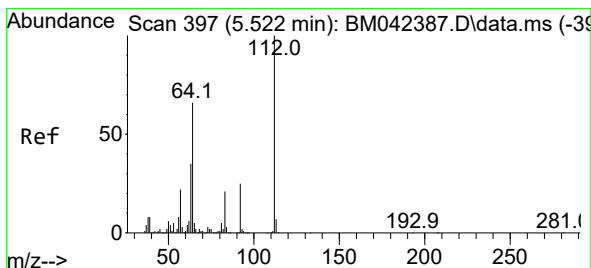
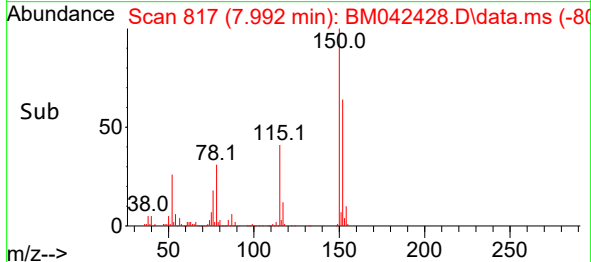
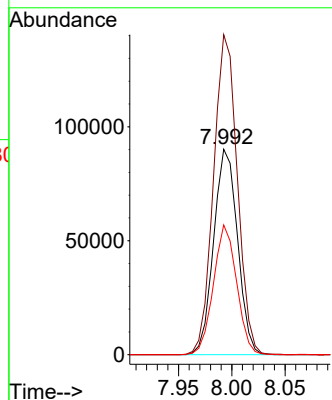
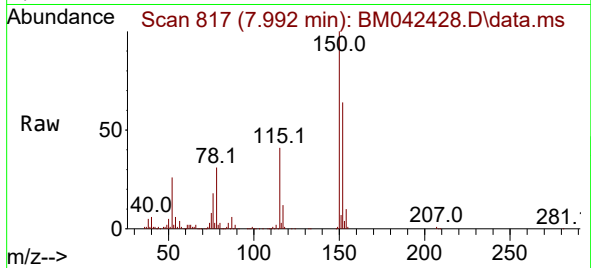




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.992 min Scan# 818  
 Delta R.T. -0.006 min  
 Lab File: BM042428.D  
 Acq: 24 Oct 2023 20:19

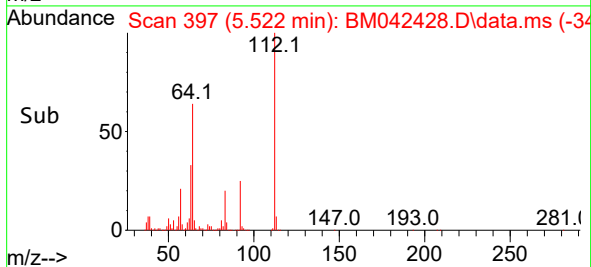
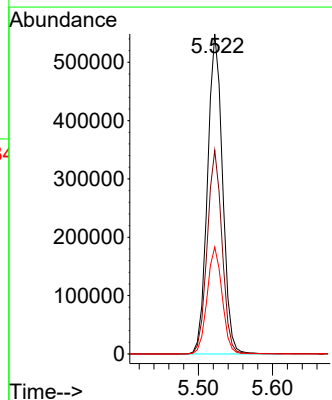
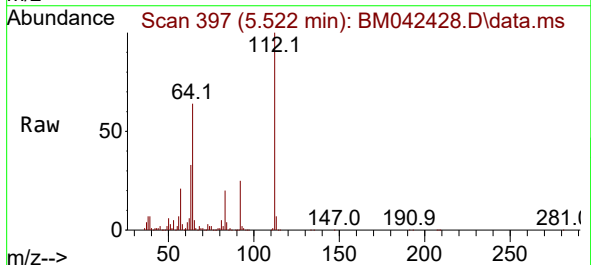
Instrument :  
 BNA\_M  
 ClientSampleId :  
 NB-426-COMP-01

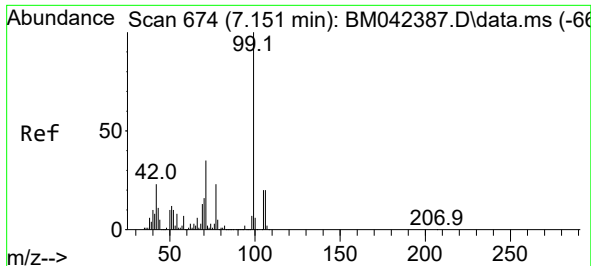
Tgt Ion:152 Resp: 140362  
 Ion Ratio Lower Upper  
 152 100  
 150 155.7 126.2 189.4  
 115 63.2 51.9 77.9



#5  
 2-Fluorophenol  
 Concen: 77.982 ng  
 RT: 5.522 min Scan# 397  
 Delta R.T. 0.000 min  
 Lab File: BM042428.D  
 Acq: 24 Oct 2023 20:19

Tgt Ion:112 Resp: 774468  
 Ion Ratio Lower Upper  
 112 100  
 64 63.7 52.7 79.1  
 63 33.4 28.3 42.5



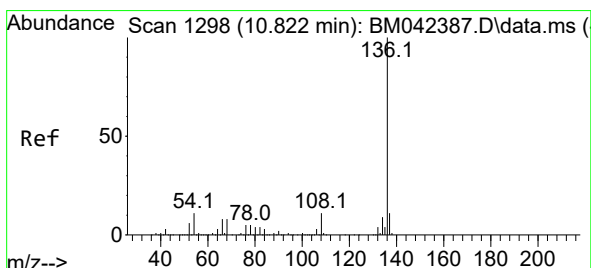
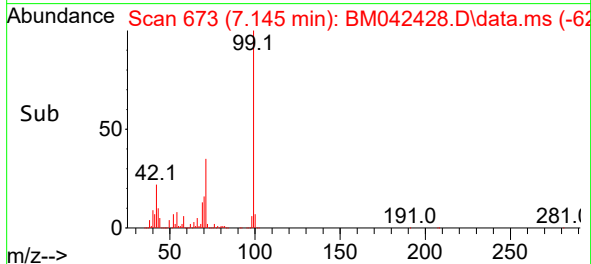
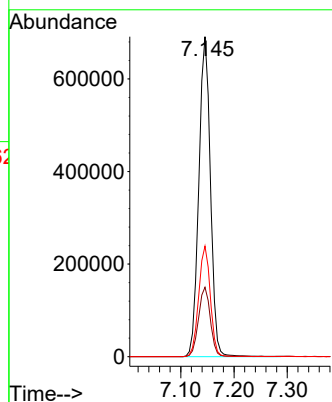
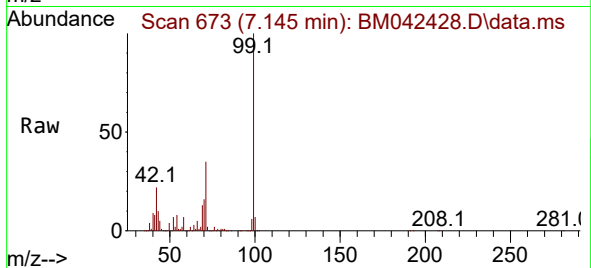


#7  
Phenol-d6  
Concen: 78.488 ng  
RT: 7.145 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BM042428.D  
Acq: 24 Oct 2023 20:19

Instrument :  
BNA\_M  
ClientSampleId :  
NB-426-COMP-01

Tgt Ion: 99 Resp: 1044615

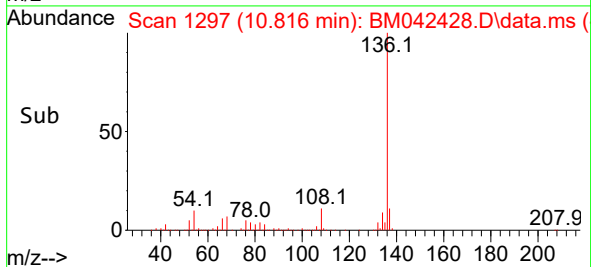
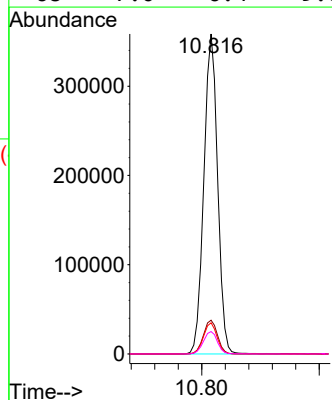
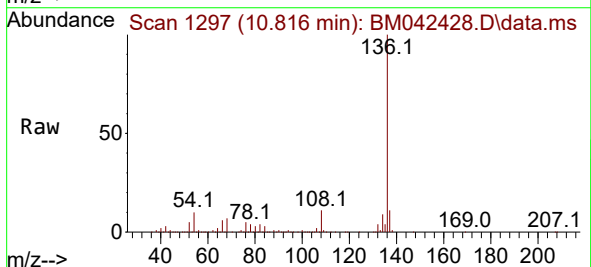
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 21.7  | 18.5  | 27.7  |
| 71  | 34.5  | 27.7  | 41.5  |

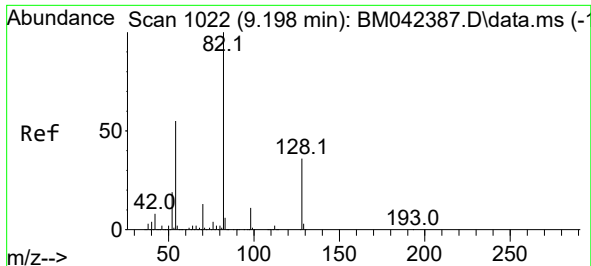


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.816 min Scan# 1297  
Delta R.T. -0.006 min  
Lab File: BM042428.D  
Acq: 24 Oct 2023 20:19

Tgt Ion: 136 Resp: 582380

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.6  | 8.5   | 12.7  |
| 54  | 9.7   | 8.6   | 12.8  |
| 68  | 7.0   | 6.4   | 9.6   |





#23

Nitrobenzene-d5

Concen: 50.822 ng

RT: 9.192 min Scan# 110

Delta R.T. -0.006 min

Lab File: BM042428.D

Acq: 24 Oct 2023 20:19

Instrument :

BNA\_M

ClientSampleId :

NB-426-COMP-01

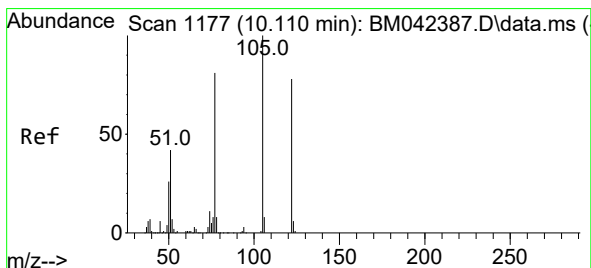
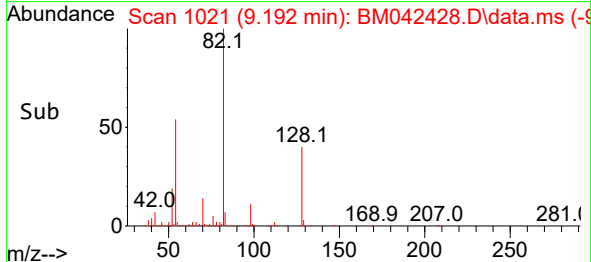
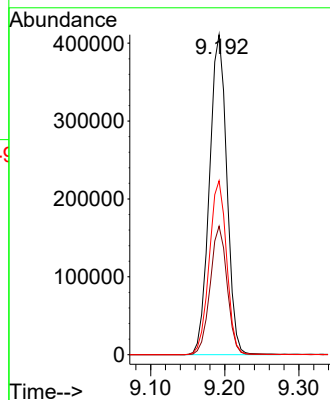
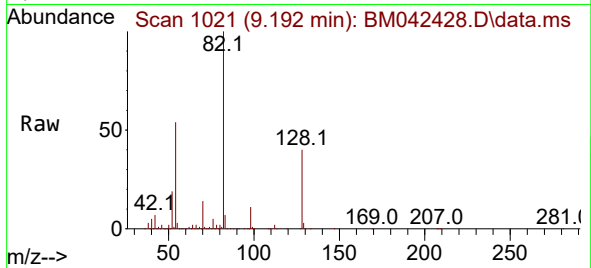
Tgt Ion: 82 Resp: 669334

Ion Ratio Lower Upper

82 100

128 40.1 29.0 43.6

54 54.4 43.7 65.5



#32

Benzoic acid

Concen: 5.332 ng

RT: 10.069 min Scan# 1170

Delta R.T. -0.041 min

Lab File: BM042428.D

Acq: 24 Oct 2023 20:19

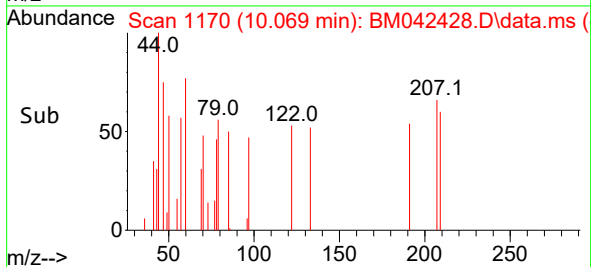
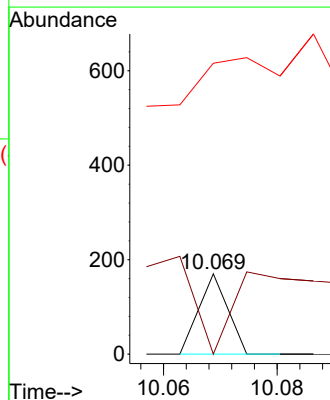
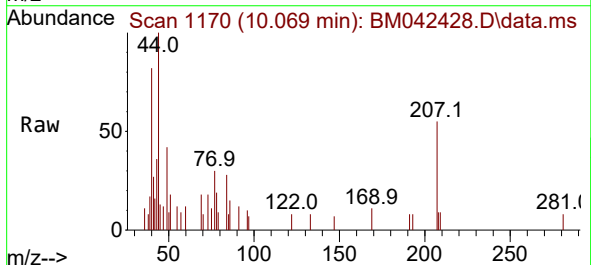
Tgt Ion:122 Resp: 60

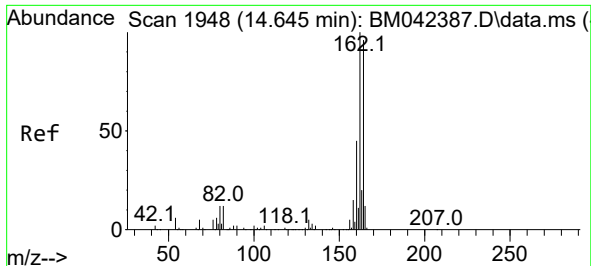
Ion Ratio Lower Upper

122 100

105 0.0 104.9 144.9#

77 362.4 83.4 123.4#

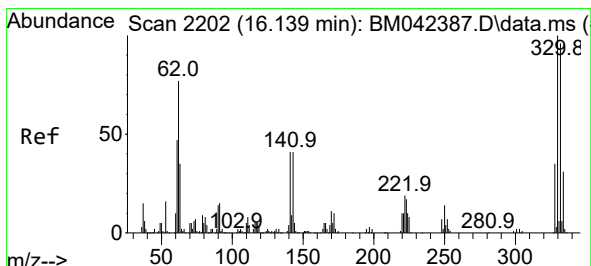
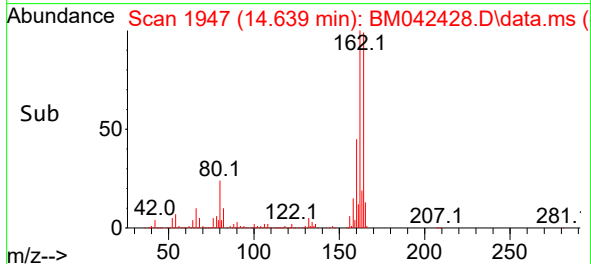
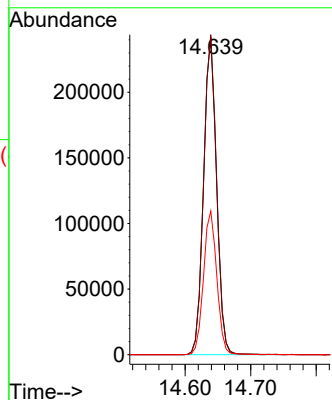
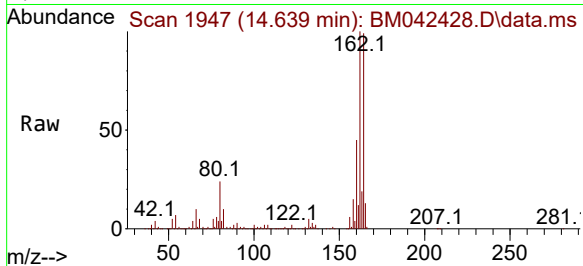




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.639 min Scan# 1948  
Delta R.T. -0.006 min  
Lab File: BM042428.D  
Acq: 24 Oct 2023 20:19

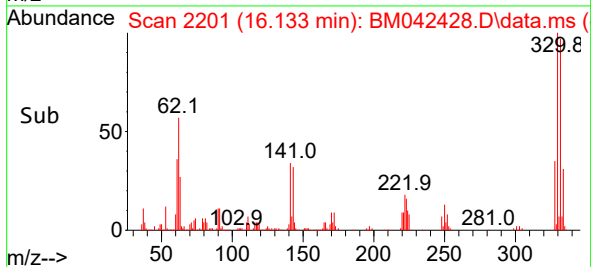
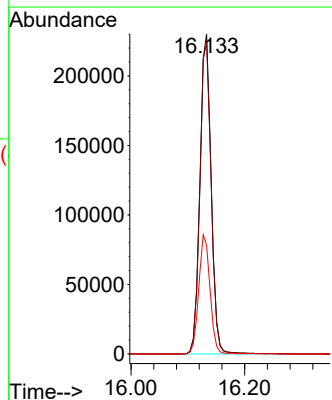
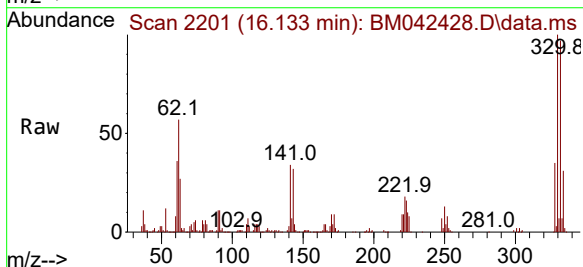
Instrument :  
BNA\_M  
ClientSampleId :  
NB-426-COMP-01

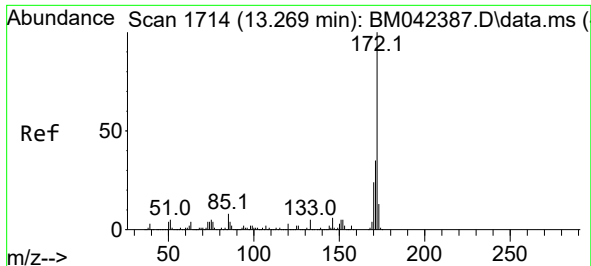
Tgt Ion:164 Resp: 333614  
Ion Ratio Lower Upper  
164 100  
162 100.6 83.0 124.4  
160 45.2 37.0 55.4



#42  
2,4,6-Tribromophenol  
Concen: 89.127 ng  
RT: 16.133 min Scan# 2201  
Delta R.T. -0.006 min  
Lab File: BM042428.D  
Acq: 24 Oct 2023 20:19

Tgt Ion:330 Resp: 316847  
Ion Ratio Lower Upper  
330 100  
332 97.7 77.6 116.4  
141 37.5 38.0 57.0#

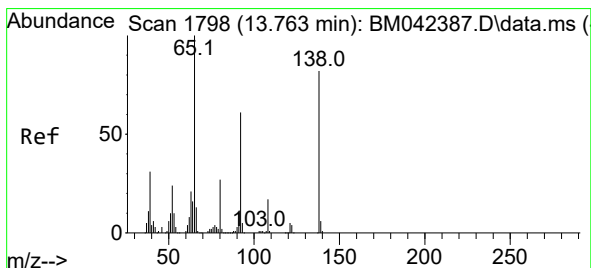
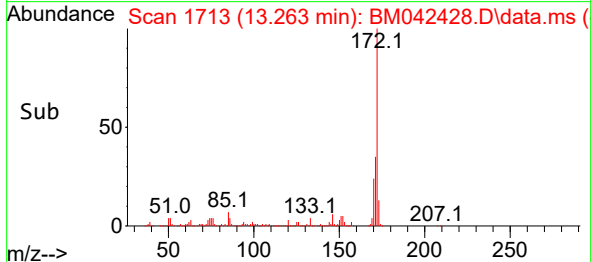
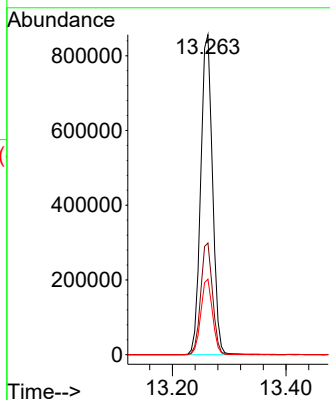
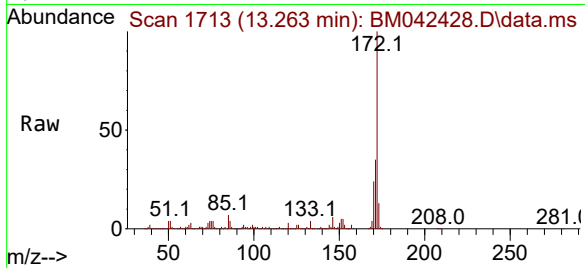




#45  
2-Fluorobiphenyl  
Concen: 49.843 ng  
RT: 13.263 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BM042428.D  
Acq: 24 Oct 2023 20:19

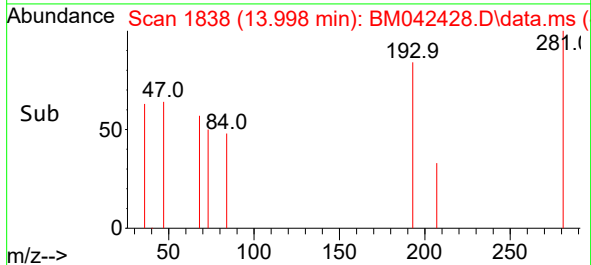
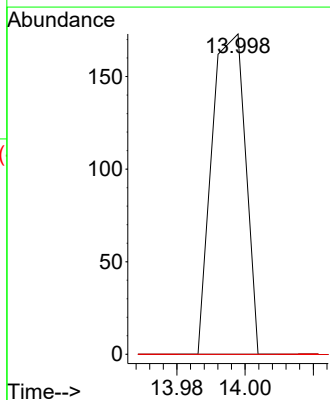
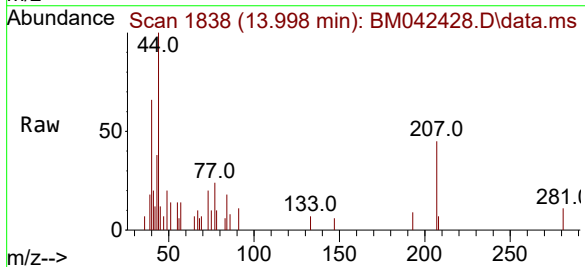
Instrument :  
BNA\_M  
ClientSampleId :  
NB-426-COMP-01

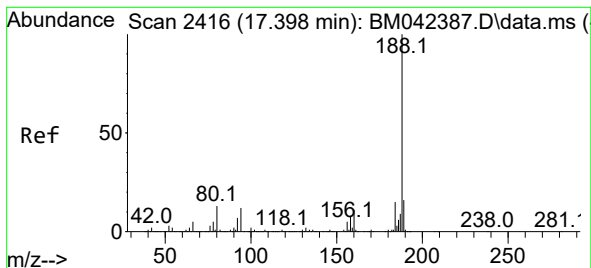
Tgt Ion:172 Resp: 1234821  
Ion Ratio Lower Upper  
172 100  
171 34.9 28.1 42.1  
170 23.6 18.9 28.3



#48  
2-Nitroaniline  
Concen: 3.653 ng  
RT: 13.998 min Scan# 1838  
Delta R.T. 0.235 min  
Lab File: BM042428.D  
Acq: 24 Oct 2023 20:19

Tgt Ion: 65 Resp: 118  
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# 2416

Delta R.T. -0.006 min

Lab File: BM042428.D

Acq: 24 Oct 2023 20:19

Instrument :

BNA\_M

ClientSampleId :

NB-426-COMP-01

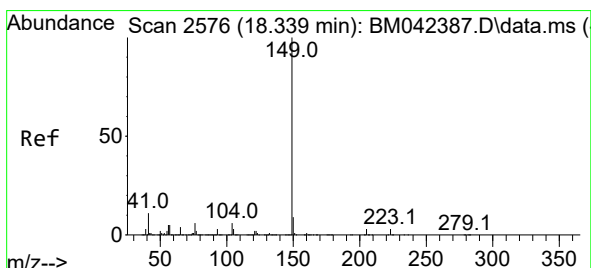
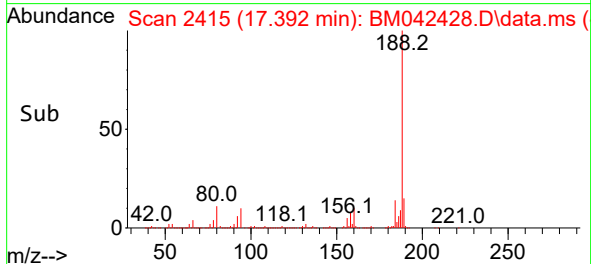
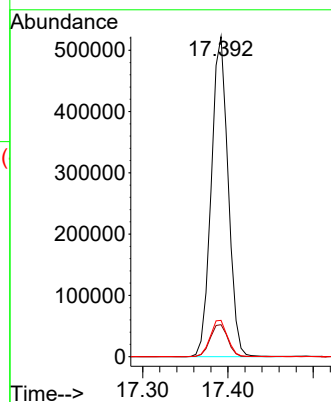
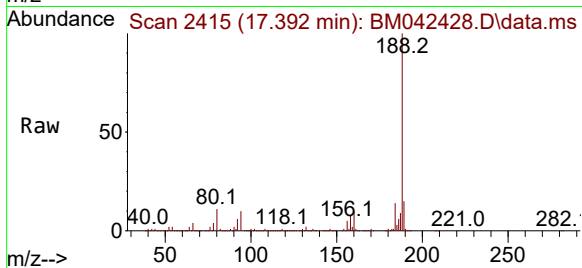
Tgt Ion:188 Resp: 718045

Ion Ratio Lower Upper

188 100

94 10.0 9.4 14.0

80 11.4 10.7 16.1



#74

Di-n-butylphthalate

Concen: 2.886 ng

RT: 18.333 min Scan# 2575

Delta R.T. -0.006 min

Lab File: BM042428.D

Acq: 24 Oct 2023 20:19

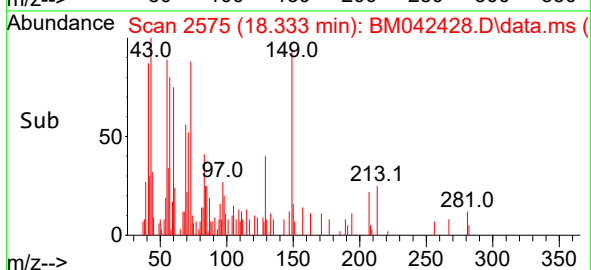
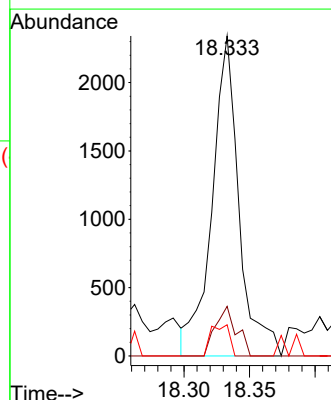
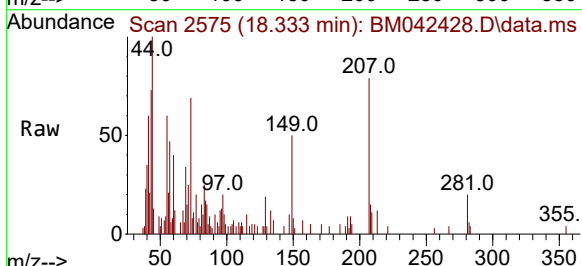
Tgt Ion:149 Resp: 3338

Ion Ratio Lower Upper

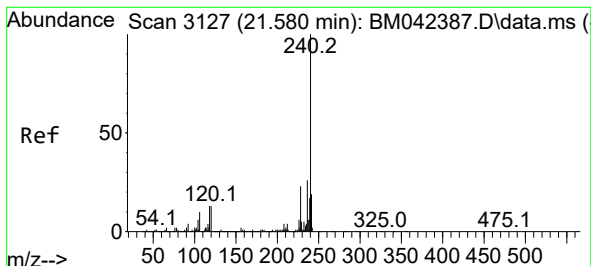
149 100

150 15.5 7.4 11.0#

104 9.7 4.6 7.0#







#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.574 min Scan# 3127

Delta R.T. -0.006 min

Lab File: BM042428.D

Acq: 24 Oct 2023 20:19

Instrument :

BNA\_M

ClientSampleId :

NB-426-COMP-01

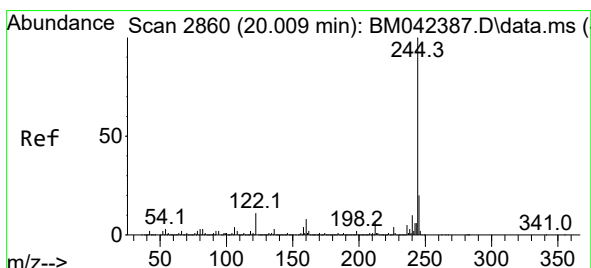
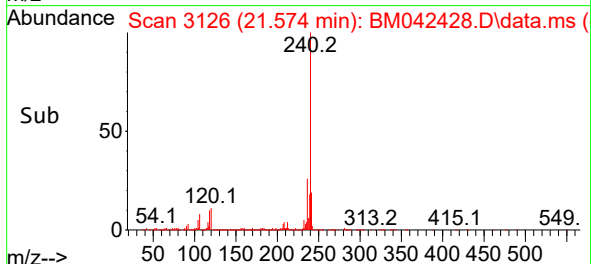
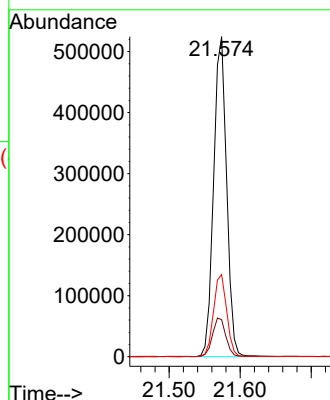
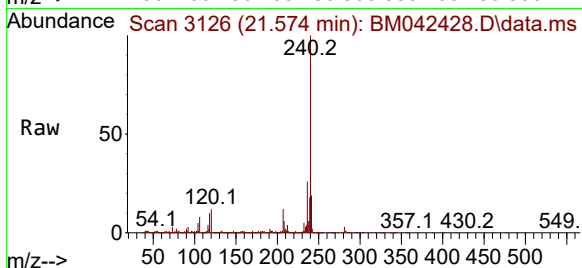
Tgt Ion:240 Resp: 665390

Ion Ratio Lower Upper

240 100

120 11.6 10.7 16.1

236 25.6 20.7 31.1



#79

Terphenyl-d14

Concen: 48.285 ng

RT: 20.003 min Scan# 2859

Delta R.T. -0.006 min

Lab File: BM042428.D

Acq: 24 Oct 2023 20:19

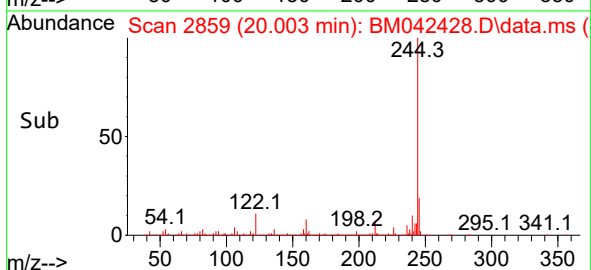
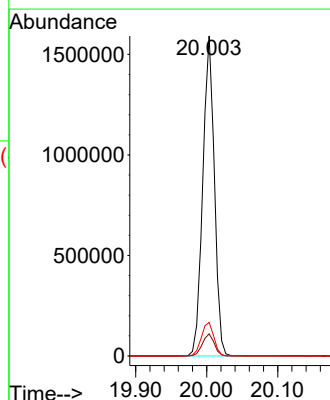
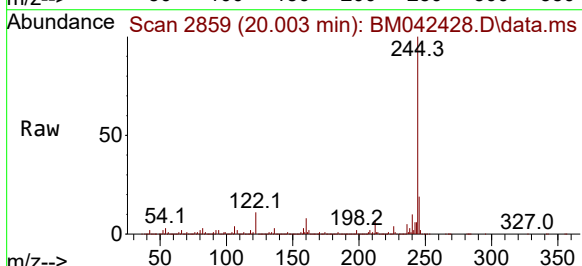
Tgt Ion:244 Resp: 1811601

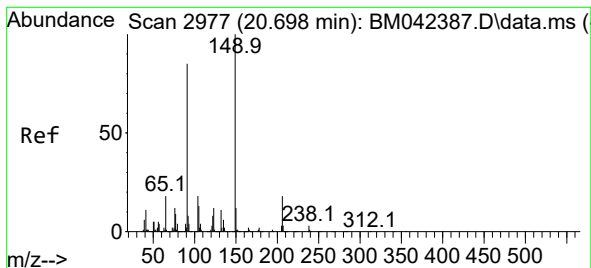
Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 10.5 8.8 13.2





#80

Butylbenzylphthalate

Concen: 3.269 ng

RT: 20.862 min Scan# 3005

Delta R.T. 0.164 min

Lab File: BM042428.D

Acq: 24 Oct 2023 20:19

Instrument :

BNA\_M

ClientSampleId :

NB-426-COMP-01

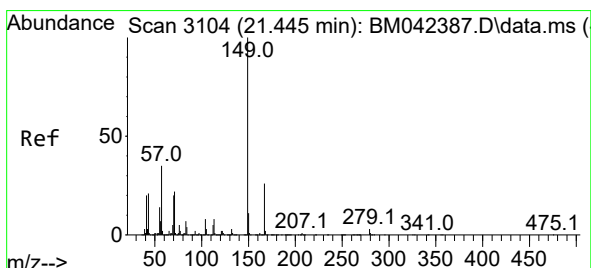
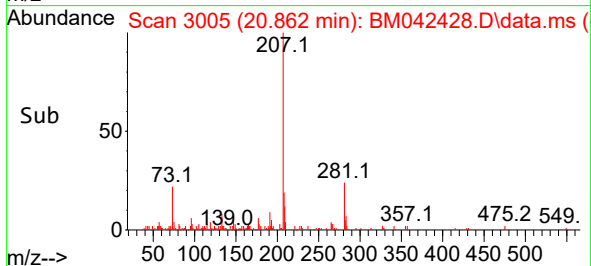
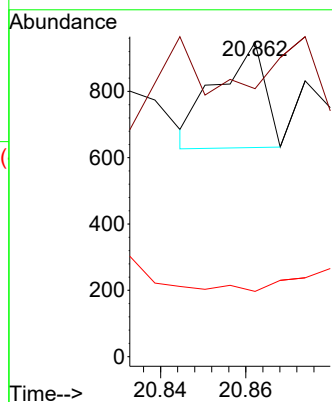
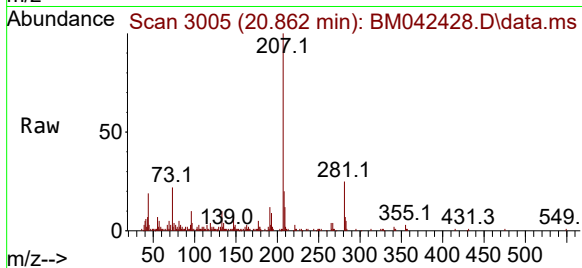
Tgt Ion:149 Resp: 248

Ion Ratio Lower Upper

149 100

91 85.2 68.3 102.5

206 20.8 14.6 22.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.946 ng

RT: 21.433 min Scan# 3102

Delta R.T. -0.012 min

Lab File: BM042428.D

Acq: 24 Oct 2023 20:19

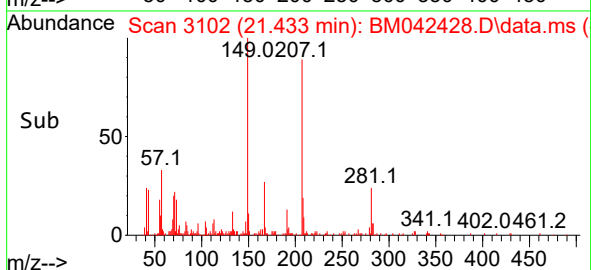
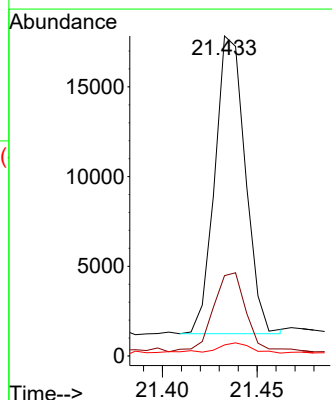
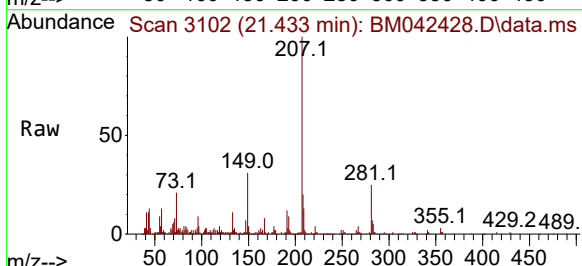
Tgt Ion:149 Resp: 18596

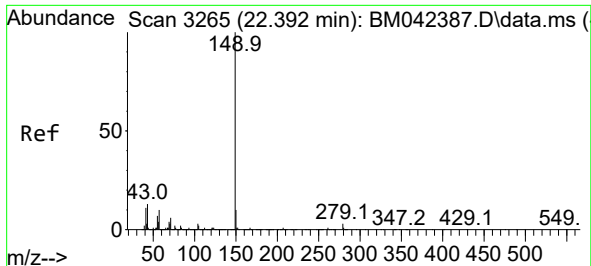
Ion Ratio Lower Upper

149 100

167 25.1 20.9 31.3

279 3.4 2.7 4.1

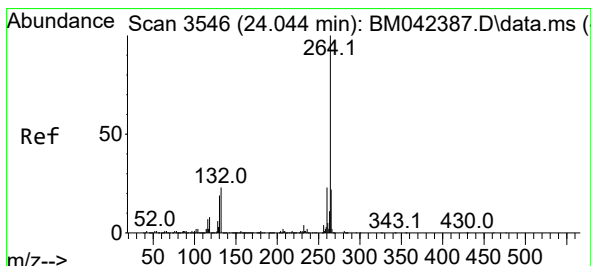
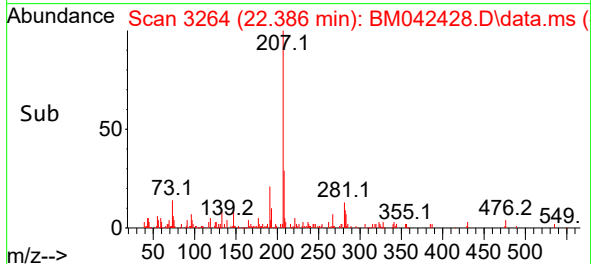
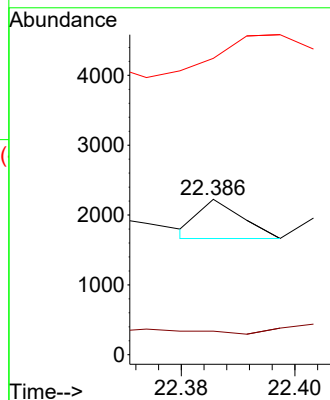
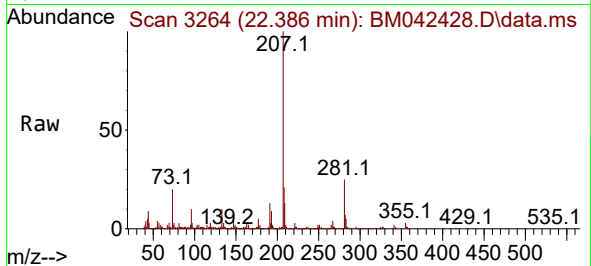




#85  
Di-n-octyl phthalate  
Concen: 4.224 ng  
RT: 22.386 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: BM042428.D  
Acq: 24 Oct 2023 20:19

Instrument :  
BNA\_M  
ClientSampleId :  
NB-426-COMP-01

Tgt Ion:149 Resp: 290  
Ion Ratio Lower Upper  
149 100  
167 0.0 1.2 1.8#  
43 242.4 11.0 16.6#



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.038 min Scan# 3545  
Delta R.T. -0.006 min  
Lab File: BM042428.D  
Acq: 24 Oct 2023 20:19

Tgt Ion:264 Resp: 742799  
Ion Ratio Lower Upper  
264 100  
260 23.9 18.6 27.8  
265 22.3 17.8 26.8

