

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM102323\  
 Data File : BM042401.D  
 Acq On : 23 Oct 2023 14:30  
 Operator : MA/JU  
 Sample : 04844-05  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Oct 23 15:08:13 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

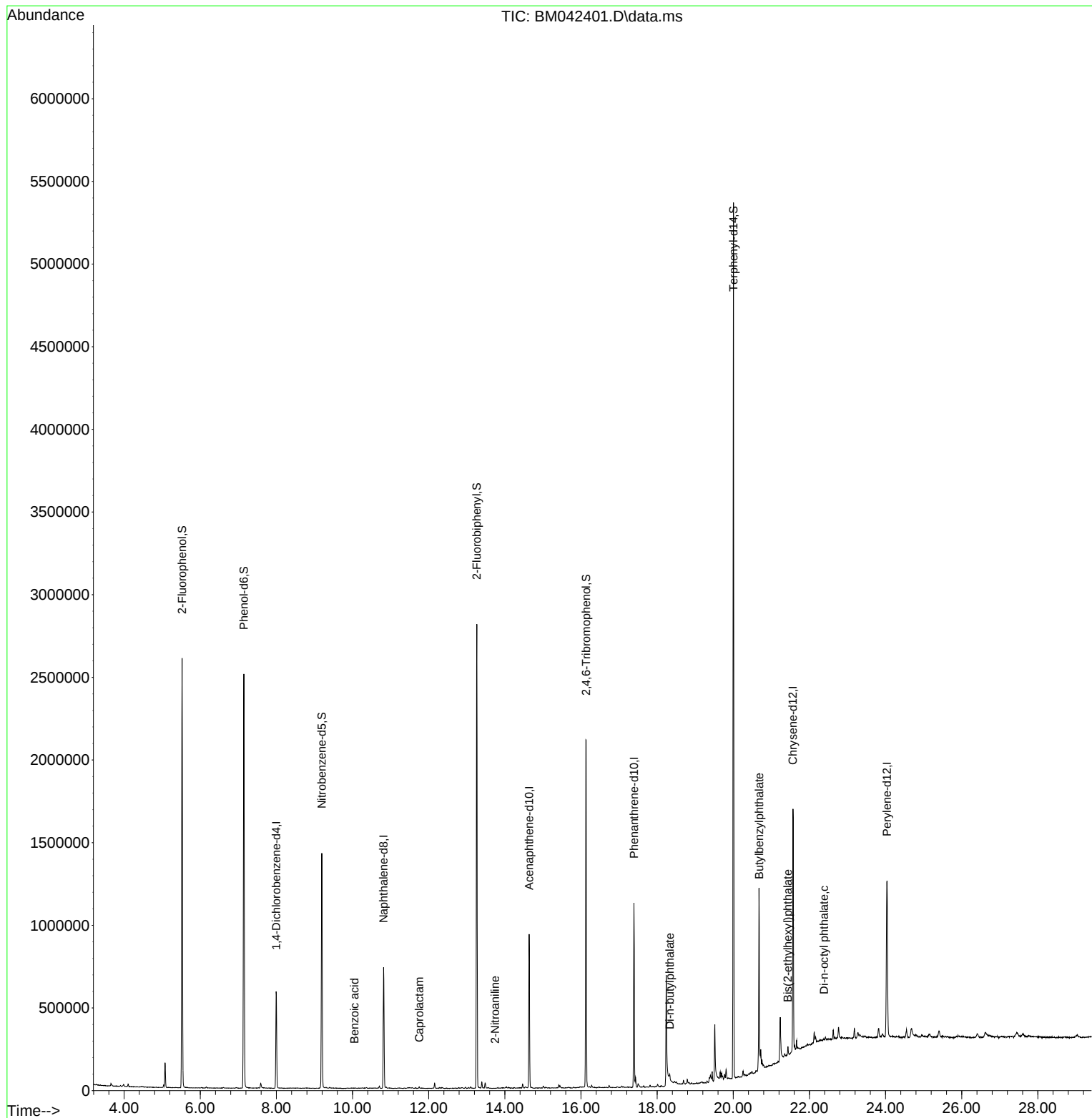
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.998  | 152  | 141773   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.816 | 136  | 547970   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.639 | 164  | 279735   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.392 | 188  | 577299   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.568 | 240  | 615474   | 20.000 | ng    | -0.01    |
| 86) Perylene-d12              | 24.039 | 264  | 692199   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.522  | 112  | 981961   | 97.890 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.146  | 99   | 1283827  | 95.501 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.192  | 82   | 775474   | 62.578 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.133 | 330  | 296740   | 98.468 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.263 | 172  | 1312410  | 63.178 | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.003 | 244  | 2202522  | 63.466 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 32) Benzoic acid              | 10.045 | 122  | 61       | 5.332  | ng    | # 18     |
| 35) Caprolactam               | 11.751 | 113  | 80       | 5.953  | ng    | # 32     |
| 48) 2-Nitroaniline            | 13.745 | 65   | 53       | 3.647  | ng    | # 13     |
| 74) Di-n-butylphthalate       | 18.333 | 149  | 26719    | 3.498  | ng    | 98       |
| 80) Butylbenzylphthalate      | 20.680 | 149  | 2282     | 3.367  | ng    | # 1      |
| 84) Bis(2-ethylhexyl)phtha... | 21.433 | 149  | 18683    | 3.995  | ng    | 91       |
| 85) Di-n-octyl phthalate      | 22.380 | 149  | 3166     | 4.279  | ng    | # 68     |
| -----                         |        |      |          |        |       |          |

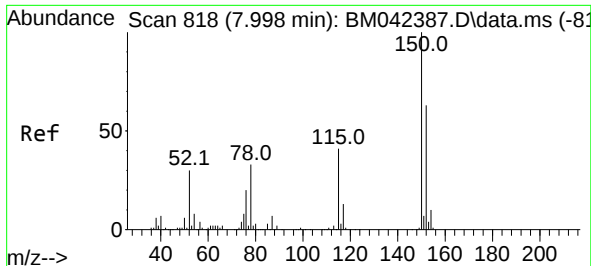
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM102323\  
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Quant Time: Oct 23 15:08:13 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

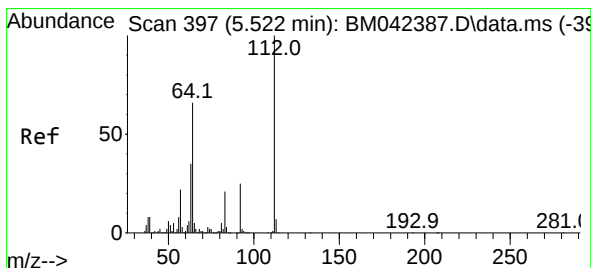
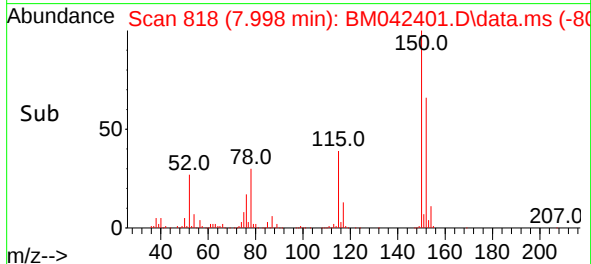
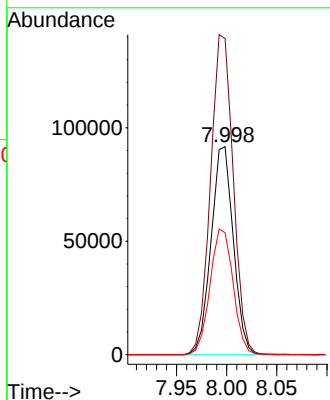
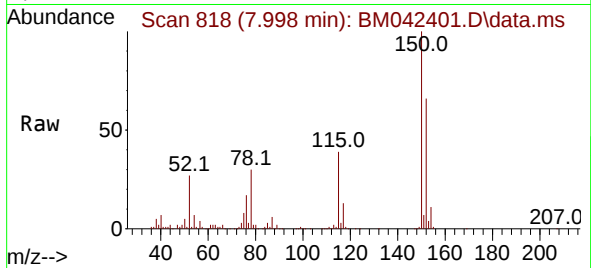




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.998 min Scan# 818  
Delta R.T. 0.000 min  
Lab File: BM042401.D  
Acq: 23 Oct 2023 14:30

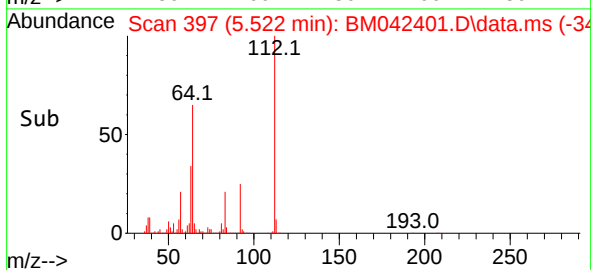
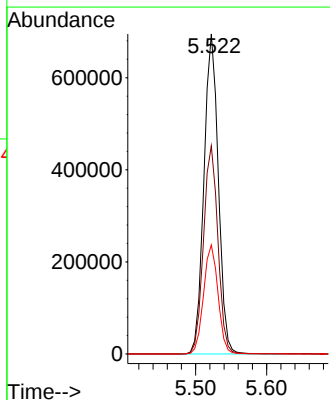
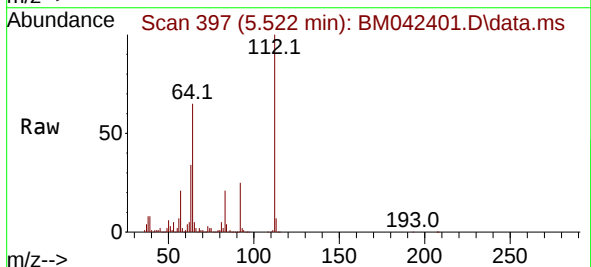
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ClientSampleId :

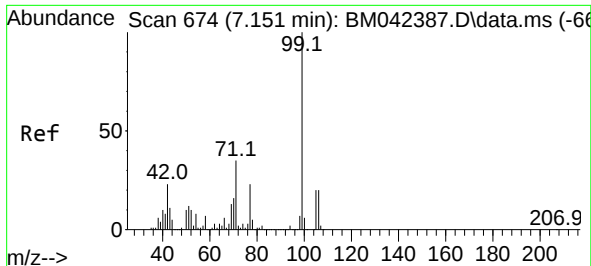
Tgt Ion:152 Resp: 141773  
Ion Ratio Lower Upper  
152 100  
150 152.1 126.2 189.4  
115 58.6 51.9 77.9



#5  
2-Fluorophenol  
Concen: 97.890 ng  
RT: 5.522 min Scan# 397  
Delta R.T. 0.000 min  
Lab File: BM042401.D  
Acq: 23 Oct 2023 14:30

Tgt Ion:112 Resp: 981961  
Ion Ratio Lower Upper  
112 100  
64 65.0 52.7 79.1  
63 34.1 28.3 42.5

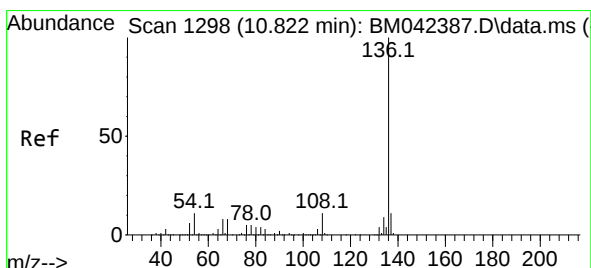
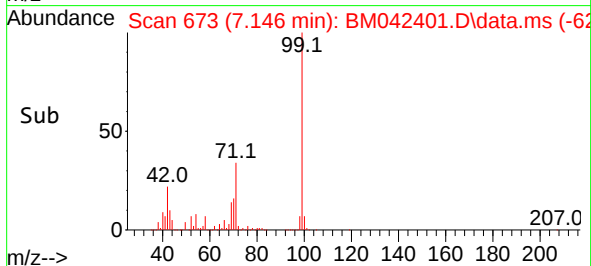
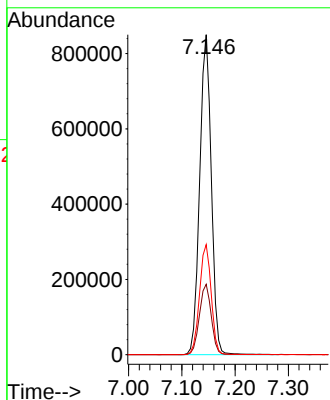
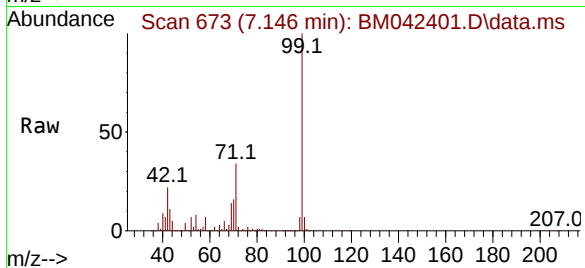




#7  
Phenol-d6  
Concen: 95.501 ng  
RT: 7.146 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BM042401.D  
Acq: 23 Oct 2023 14:30

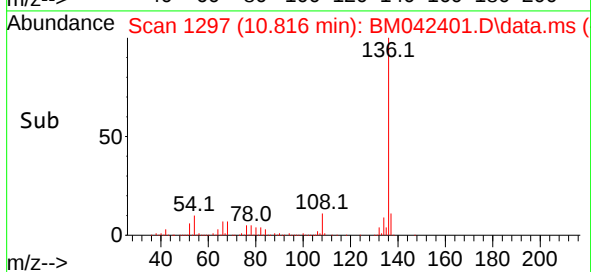
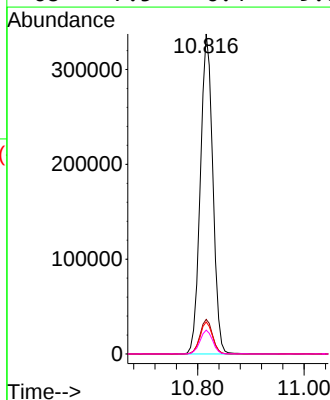
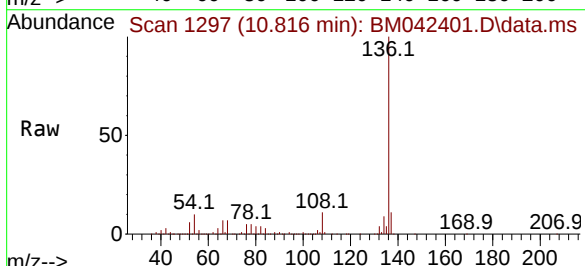
Instrument :  
BNA\_M  
ClientSampleId :

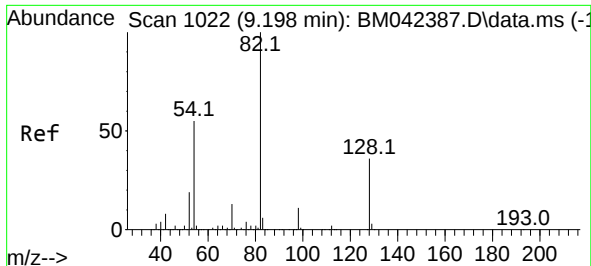
Tgt Ion: 99 Resp: 1283827  
Ion Ratio Lower Upper  
99 100  
42 22.0 18.5 27.7  
71 34.4 27.7 41.5



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.816 min Scan# 1297  
Delta R.T. -0.006 min  
Lab File: BM042401.D  
Acq: 23 Oct 2023 14:30

Tgt Ion: 136 Resp: 547970  
Ion Ratio Lower Upper  
136 100  
137 10.8 8.5 12.7  
54 10.0 8.6 12.8  
68 7.5 6.4 9.6

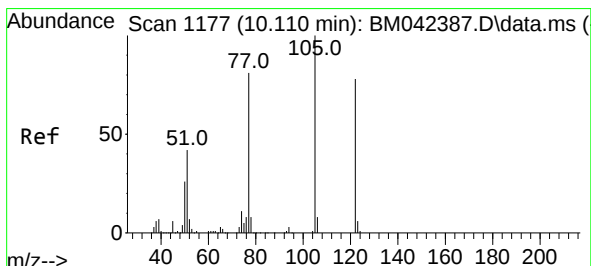
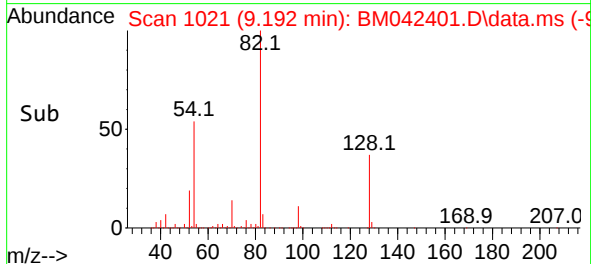
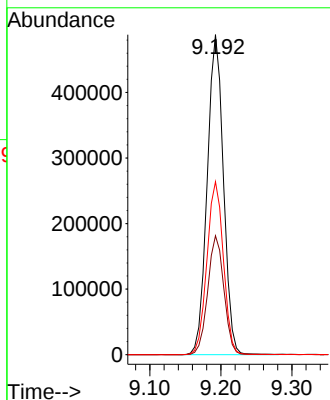
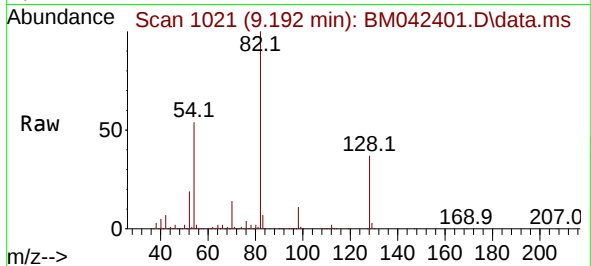




#23  
Nitrobenzene-d5  
Concen: 62.578 ng  
RT: 9.192 min Scan# 1166  
Delta R.T. -0.006 min  
Lab File: BM042401.D  
Acq: 23 Oct 2023 14:30

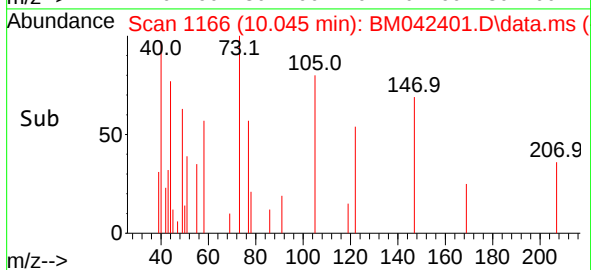
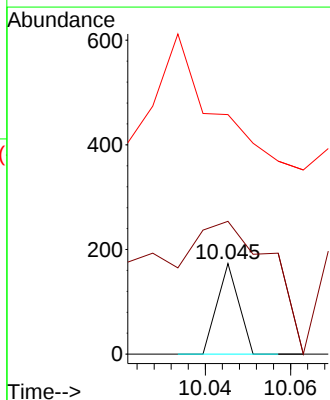
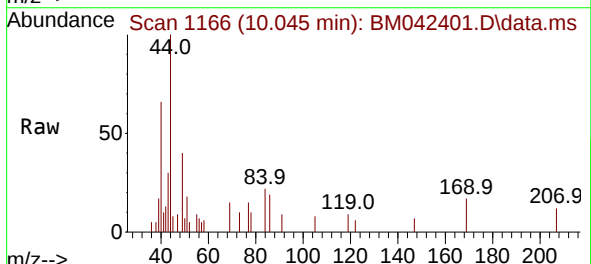
Instrument :  
BNA\_M  
ClientSampleId :

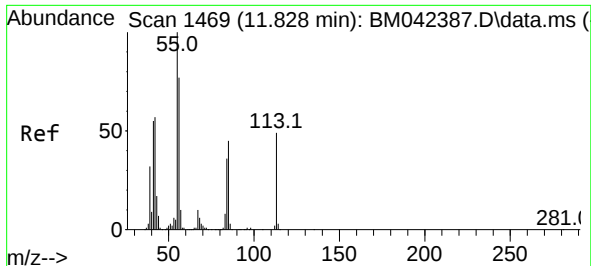
Tgt Ion: 82 Resp: 775474  
Ion Ratio Lower Upper  
82 100  
128 37.2 29.0 43.6  
54 54.1 43.7 65.5



#32  
Benzoic acid  
Concen: 5.332 ng  
RT: 10.045 min Scan# 1166  
Delta R.T. -0.065 min  
Lab File: BM042401.D  
Acq: 23 Oct 2023 14:30

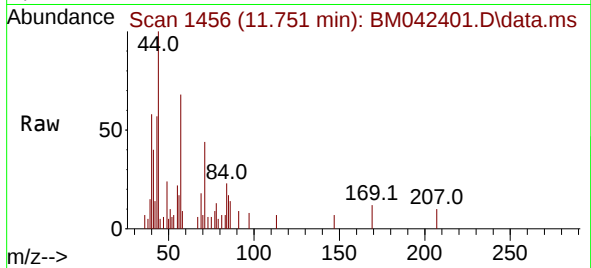
Tgt Ion:122 Resp: 61  
Ion Ratio Lower Upper  
122 100  
105 146.8 104.9 144.9#  
77 264.7 83.4 123.4#



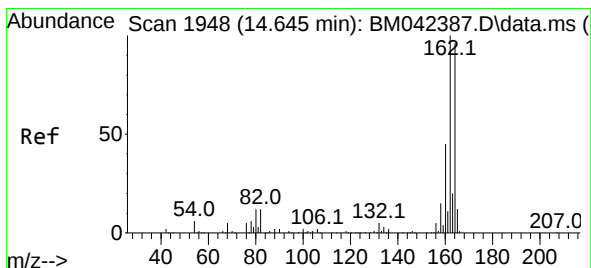
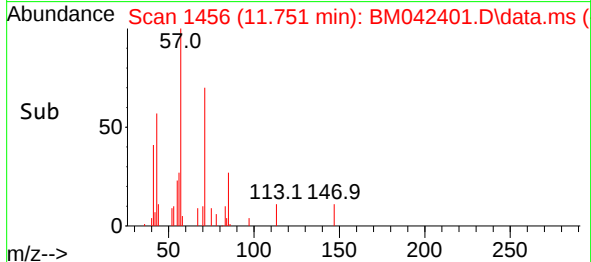
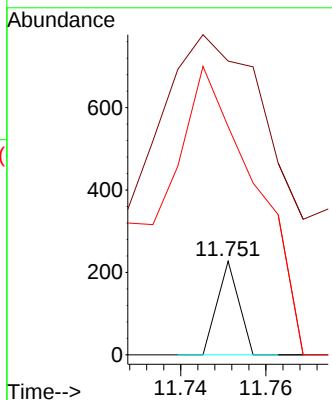


#35  
 Caprolactam  
 Concen: 5.953 ng  
 RT: 11.751 min Scan# 1456  
 Delta R.T. -0.077 min  
 Lab File: BM042401.D  
 Acq: 23 Oct 2023 14:30

Instrument :  
 BNA\_M  
 ClientSampleId :

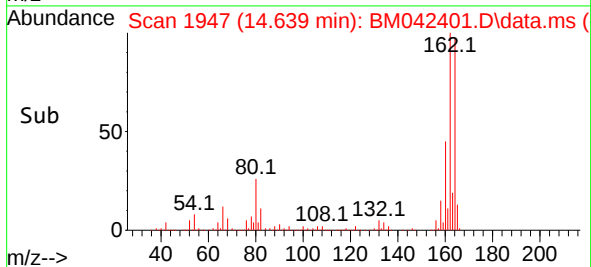
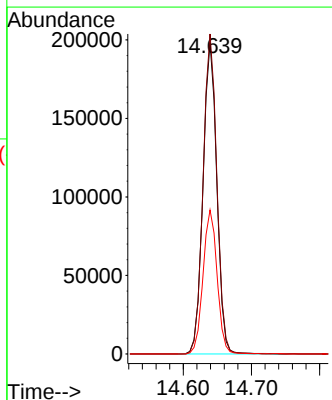
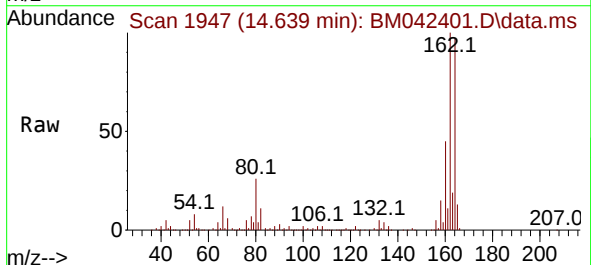


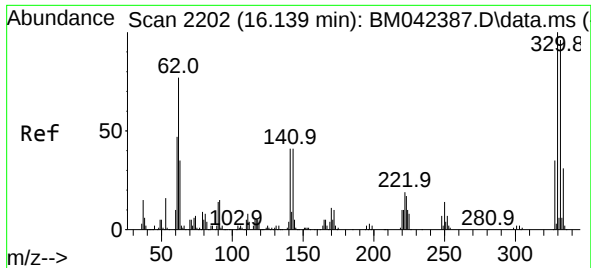
Tgt Ion:113 Resp: 80  
 Ion Ratio Lower Upper  
 113 100  
 55 314.1 185.6 225.6#  
 56 244.1 137.8 177.8#



#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.639 min Scan# 1947  
 Delta R.T. -0.006 min  
 Lab File: BM042401.D  
 Acq: 23 Oct 2023 14:30

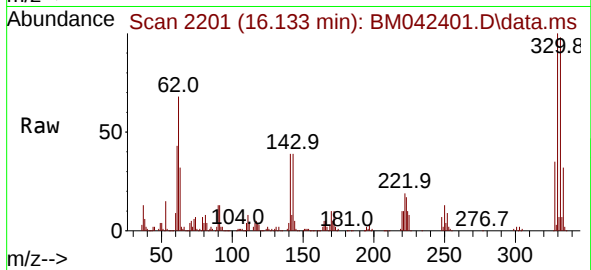
Tgt Ion:164 Resp: 279735  
 Ion Ratio Lower Upper  
 164 100  
 162 102.7 83.0 124.4  
 160 46.2 37.0 55.4



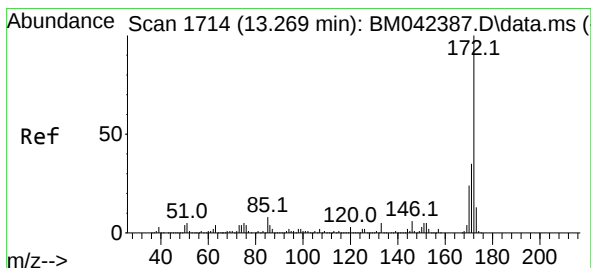
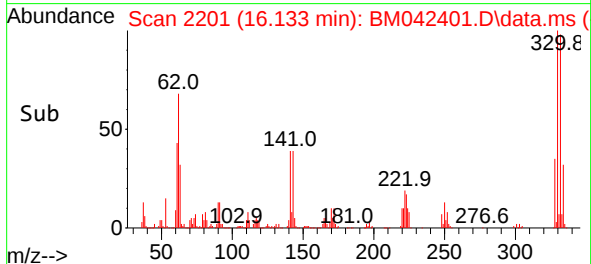
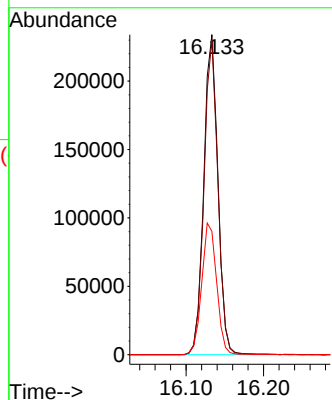


#42  
2,4,6-Tribromophenol  
Concen: 98.468 ng  
RT: 16.133 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BM042401.D  
Acq: 23 Oct 2023 14:30

Instrument :  
BNA\_M  
ClientSampleId :

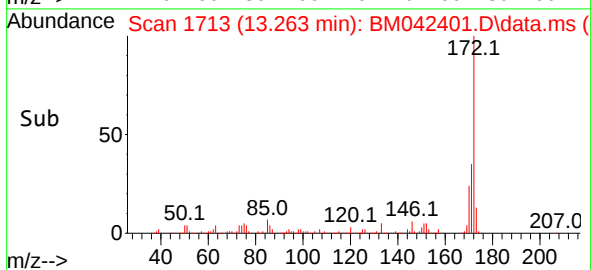
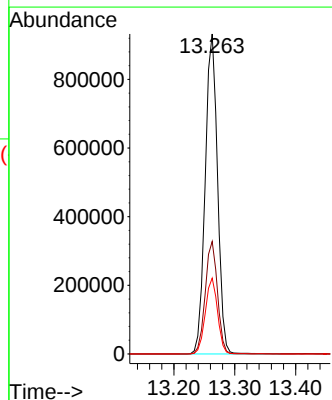
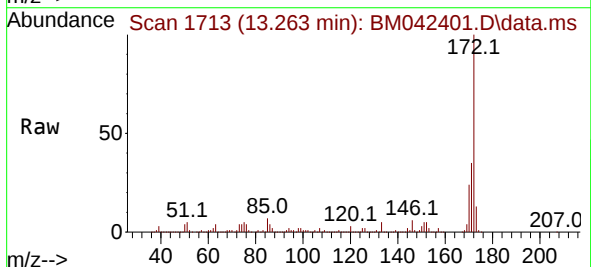


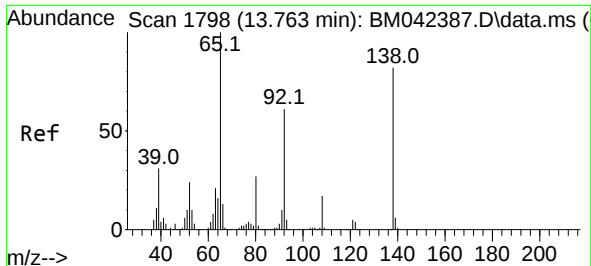
Tgt Ion:330 Resp: 296740  
Ion Ratio Lower Upper  
330 100  
332 97.0 77.6 116.4  
141 43.3 38.0 57.0



#45  
2-Fluorobiphenyl  
Concen: 63.178 ng  
RT: 13.263 min Scan# 1713  
Delta R.T. -0.006 min  
Lab File: BM042401.D  
Acq: 23 Oct 2023 14:30

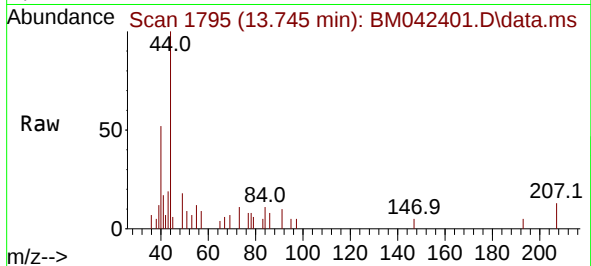
Tgt Ion:172 Resp: 1312410  
Ion Ratio Lower Upper  
172 100  
171 35.2 28.1 42.1  
170 23.7 18.9 28.3



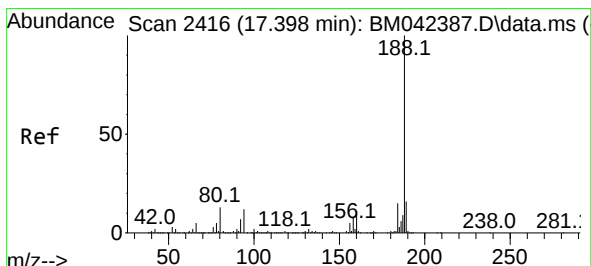
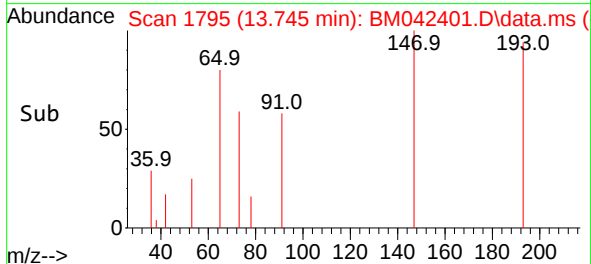
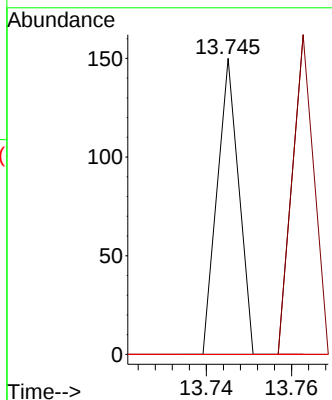


#48  
2-Nitroaniline  
Concen: 3.647 ng  
RT: 13.745 min Scan# 11  
Delta R.T. -0.018 min  
Lab File: BM042401.D  
Acq: 23 Oct 2023 14:30

Instrument :  
BNA\_M  
ClientSampleId :

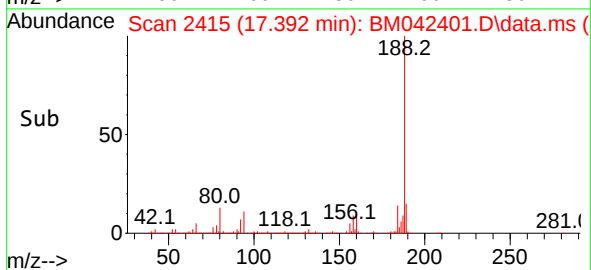
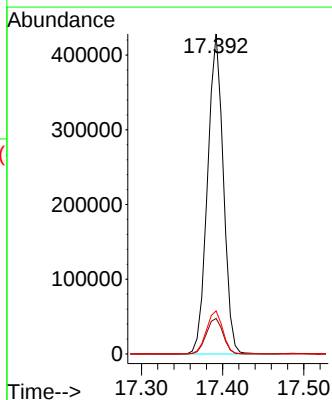
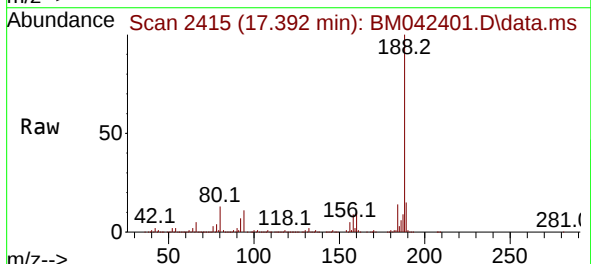


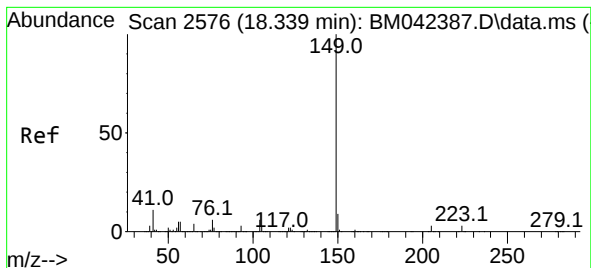
Tgt Ion: 65 Resp: 53  
Ion Ratio Lower Upper  
65 100  
92 0.0 49.0 73.6#  
138 0.0 65.5 98.3#



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.392 min Scan# 2415  
Delta R.T. -0.006 min  
Lab File: BM042401.D  
Acq: 23 Oct 2023 14:30

Tgt Ion:188 Resp: 577299  
Ion Ratio Lower Upper  
188 100  
94 11.1 9.4 14.0  
80 13.5 10.7 16.1

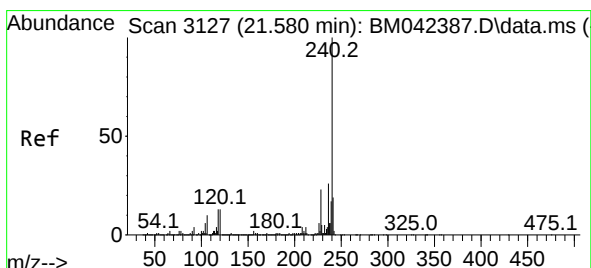
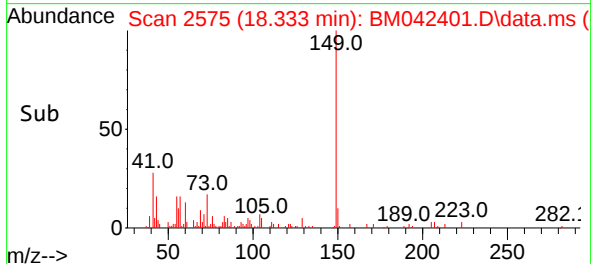
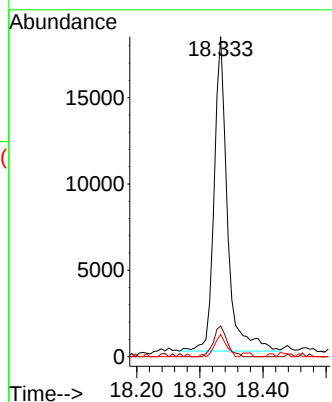
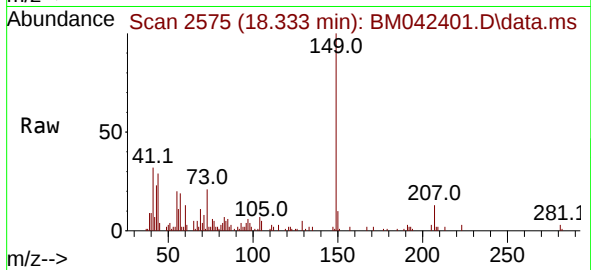




#74  
Di-n-butylphthalate  
Concen: 3.498 ng  
RT: 18.333 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BM042401.D  
Acq: 23 Oct 2023 14:30

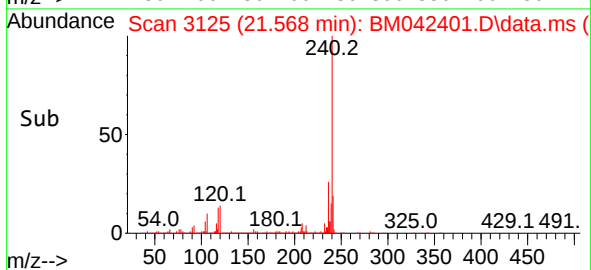
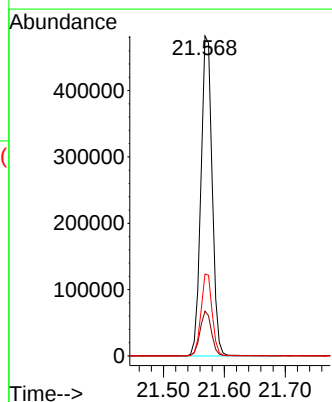
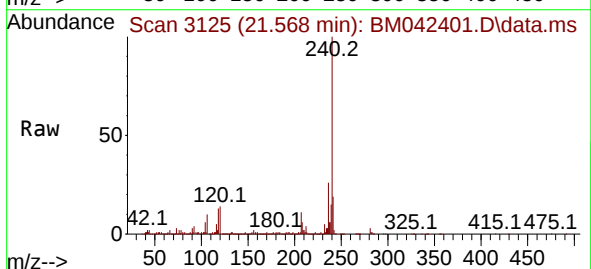
Instrument :  
BNA\_M  
ClientSampleId :

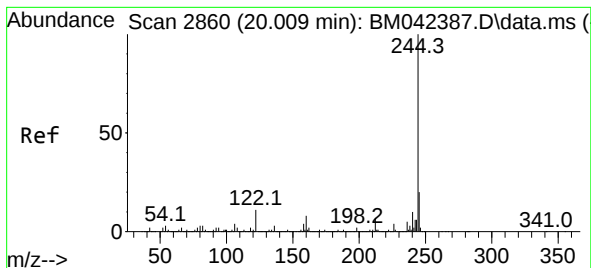
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.5   | 7.4   | 11.0  |
| 104     | 6.9   | 4.6   | 7.0   |



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.568 min Scan# 3125  
Delta R.T. -0.012 min  
Lab File: BM042401.D  
Acq: 23 Oct 2023 14:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 14.0  | 10.7  | 16.1  |
| 236     | 25.6  | 20.7  | 31.1  |





#79

Terphenyl-d14

Concen: 63.466 ng

RT: 20.003 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM042401.D

Acq: 23 Oct 2023 14:30

Instrument :

BNA\_M

ClientSampleId :

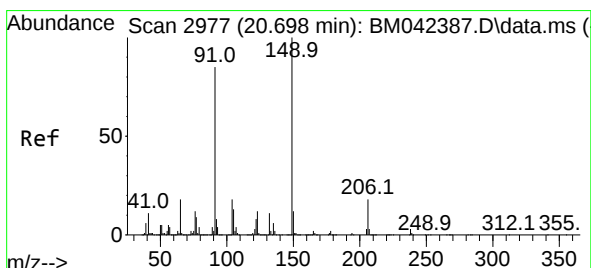
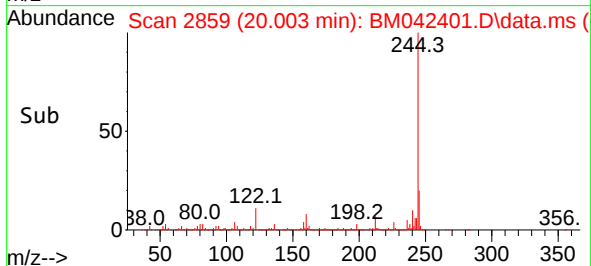
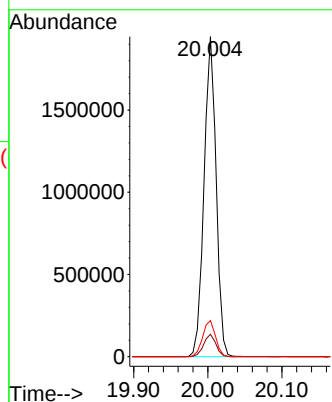
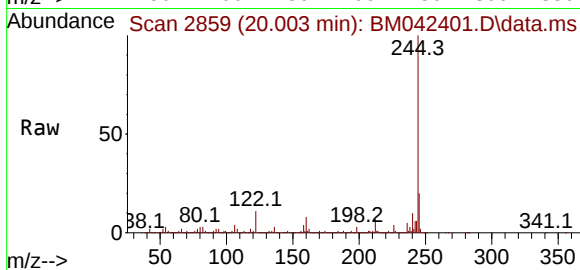
Tgt Ion:244 Resp: 2202522

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 11.3 8.8 13.2



#80

Butylbenzylphthalate

Concen: 3.367 ng

RT: 20.680 min Scan# 2974

Delta R.T. -0.018 min

Lab File: BM042401.D

Acq: 23 Oct 2023 14:30

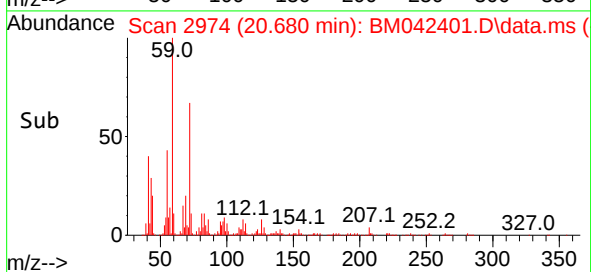
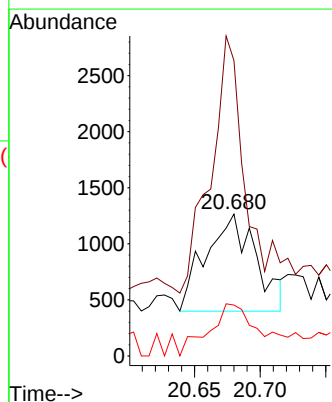
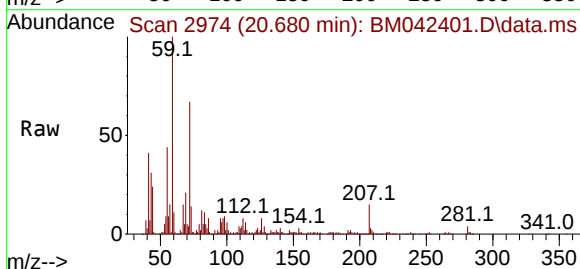
Tgt Ion:149 Resp: 2282

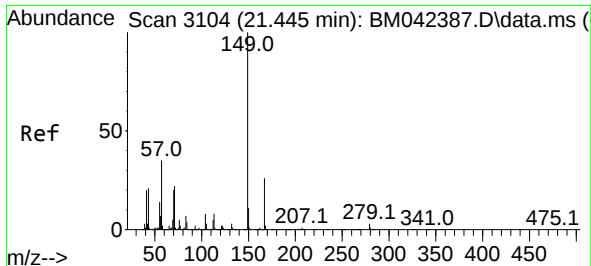
Ion Ratio Lower Upper

149 100

91 208.2 68.3 102.5#

206 35.8 14.6 22.0#

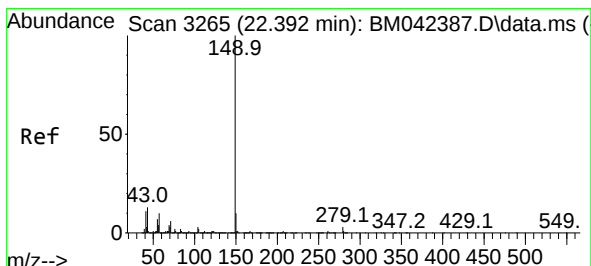
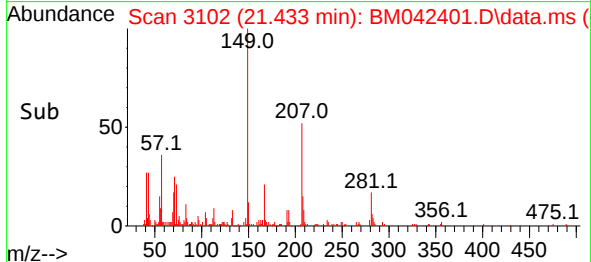
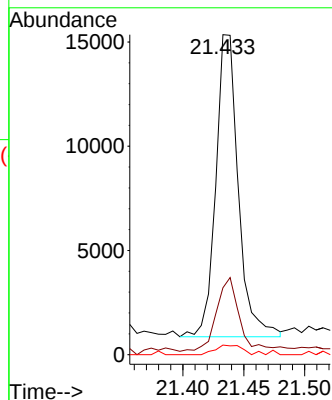
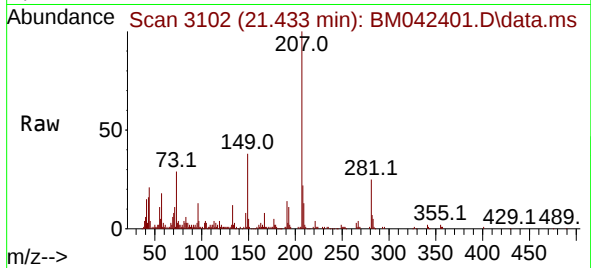




#84  
Bis(2-ethylhexyl)phthalate  
Concen: 3.995 ng  
RT: 21.433 min Scan# 3104  
Delta R.T. -0.012 min  
Lab File: BM042401.D  
Acq: 23 Oct 2023 14:30

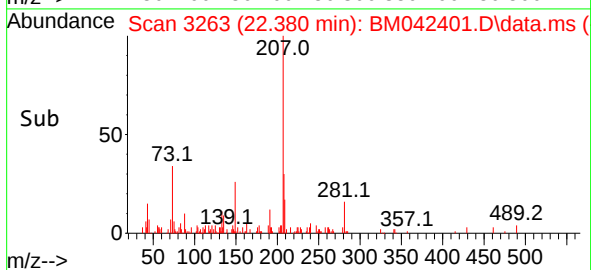
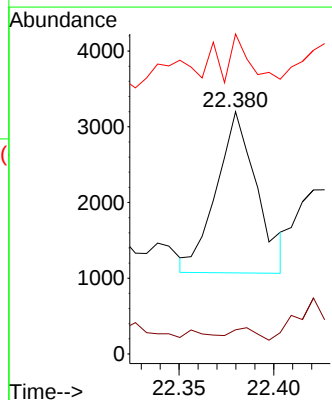
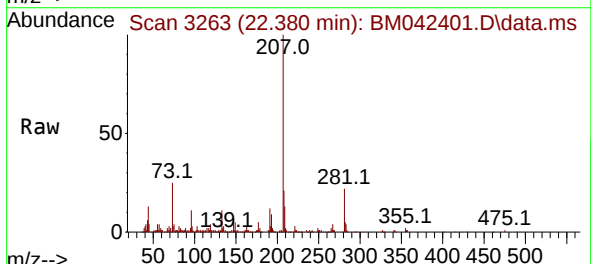
Instrument :  
BNA\_M  
ClientSampleId :

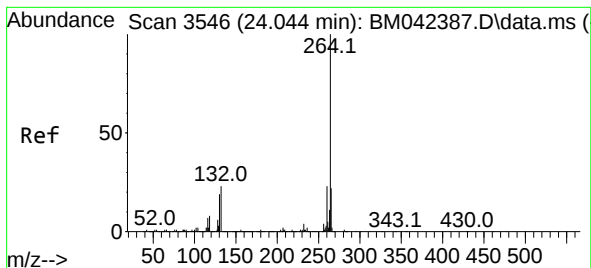
Tgt Ion:149 Resp: 18683  
Ion Ratio Lower Upper  
149 100  
167 20.9 20.9 31.3  
279 3.0 2.7 4.1



#85  
Di-n-octyl phthalate  
Concen: 4.279 ng  
RT: 22.380 min Scan# 3263  
Delta R.T. -0.012 min  
Lab File: BM042401.D  
Acq: 23 Oct 2023 14:30

Tgt Ion:149 Resp: 3166  
Ion Ratio Lower Upper  
149 100  
167 5.2 1.2 1.8#  
43 0.0 11.0 16.6#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.039 min Scan# 3

Delta R.T. -0.006 min

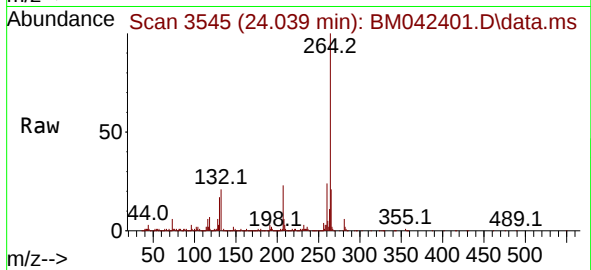
Lab File: BM042401.D

Acq: 23 Oct 2023 14:30

Instrument :

BNA\_M

ClientSampleId :



Tgt Ion:264 Resp: 692199

Ion Ratio Lower Upper

264 100

260 24.1 18.6 27.8

265 21.2 17.8 26.8

