

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080423\  
 Data File : BM041293.D  
 Acq On : 04 Aug 2023 14:18  
 Operator : MA/JU  
 Sample : 03887-11  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MCLEAN-TP2

Quant Time: Aug 04 16:14:05 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

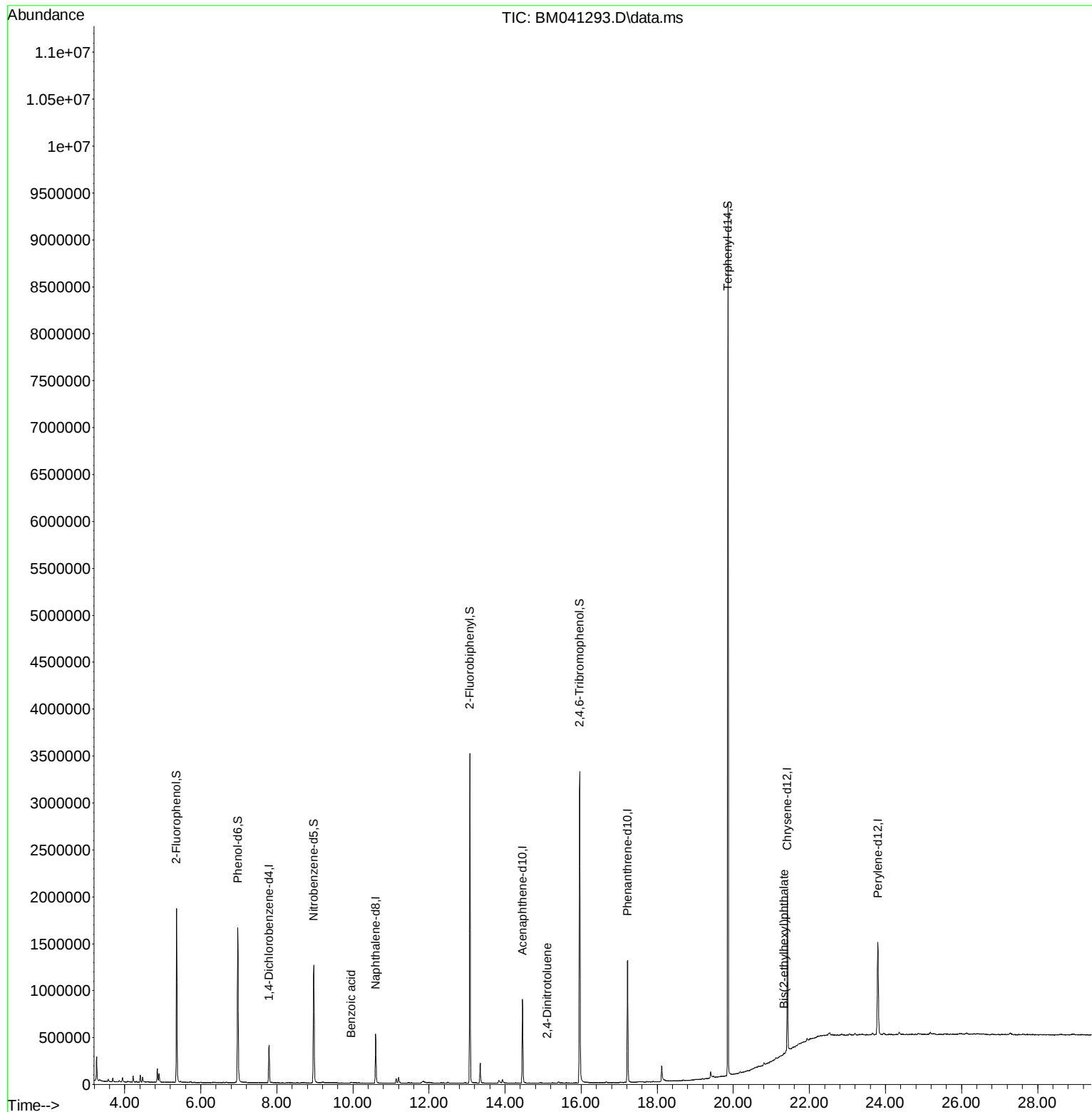
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.792  | 152  | 105654   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.598 | 136  | 431171   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.457 | 164  | 300482   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.221 | 188  | 790504   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.421 | 240  | 797802   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12              | 23.797 | 264  | 781043   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.363  | 112  | 776171   | 109.797 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.975  | 99   | 923236   | 100.754 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.969  | 82   | 732251   | 78.978  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.962 | 330  | 645080   | 151.778 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.074 | 172  | 1748251  | 73.498  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.856 | 244  | 4263442  | 96.622  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
| 32) Benzoic acid              | 9.951  | 122  | 5455     | 8.114   | ng    | # 83     |
| 57) 2,4-Dinitrotoluene        | 15.110 | 165  | 61       | 2.679   | ng    | # 12     |
| 84) Bis(2-ethylhexyl)phtha... | 21.327 | 149  | 2955     | 2.626   | ng    | # 90     |
| -----                         |        |      |          |         |       |          |

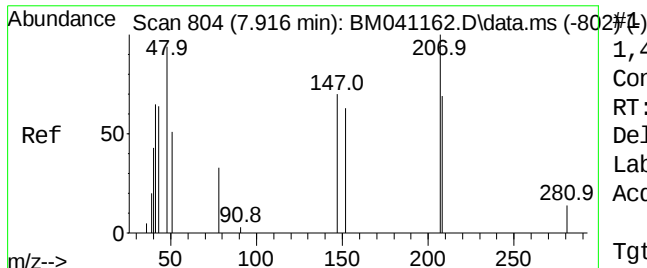
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080423\  
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ALS Vial : 11 Sample Multiplier: 1

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BNA\_M  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM072823.M  
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Response via : Initial Calibration





1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.792 min Scan#

Delta R.T. -0.001 min

Lab File: BM041293.D

Acq: 04 Aug 2023 14:18

Instrument :

BNA\_M

ClientSampleId :

MCLEAN-TP2

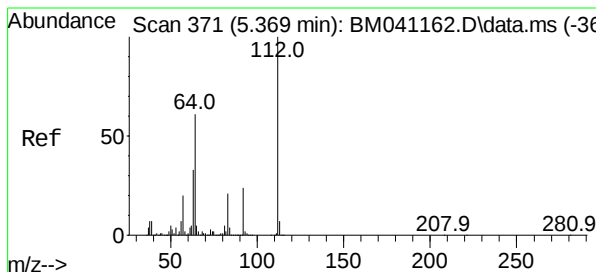
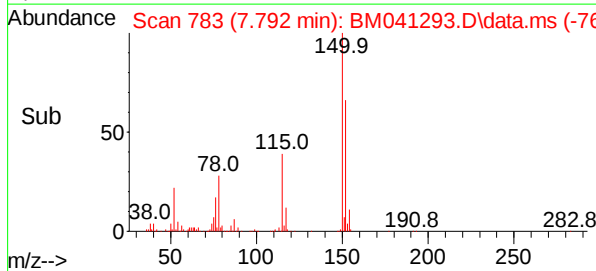
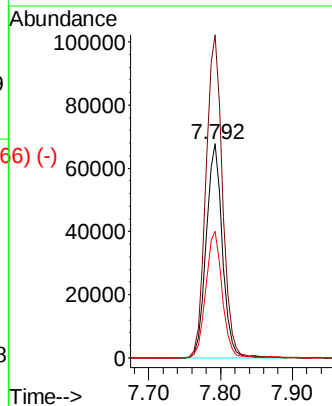
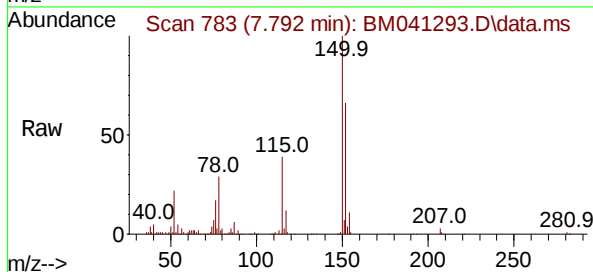
Tgt Ion:152 Resp: 105654

Ion Ratio Lower Upper

152 100

150 150.9 125.5 188.3

115 59.2 48.0 72.0



2-Fluorophenol

Concen: 109.797 ng

RT: 5.363 min Scan# 370

Delta R.T. -0.006 min

Lab File: BM041293.D

Acq: 04 Aug 2023 14:18

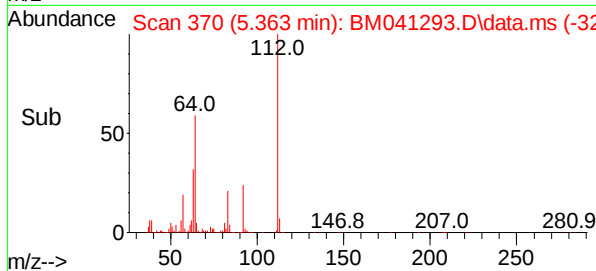
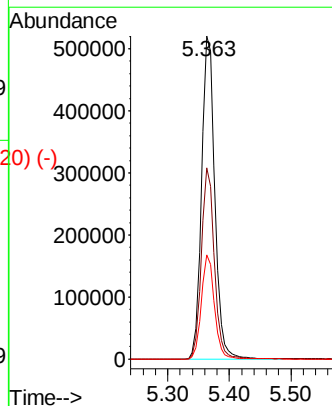
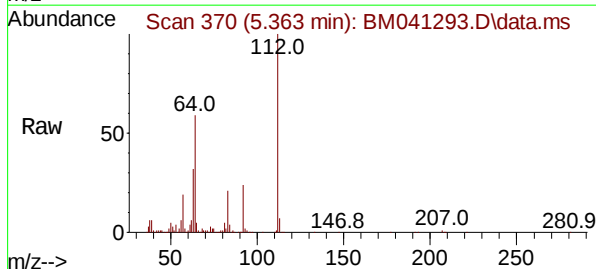
Tgt Ion:112 Resp: 776171

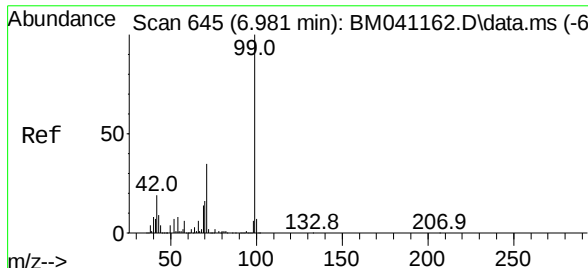
Ion Ratio Lower Upper

112 100

64 59.2 48.5 72.7

63 32.3 26.5 39.7

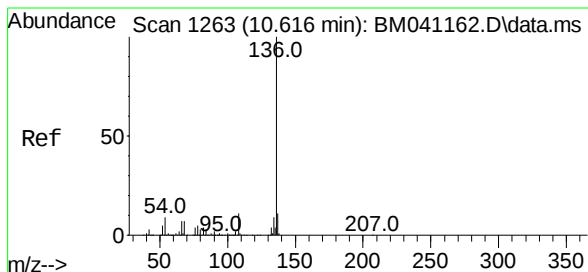
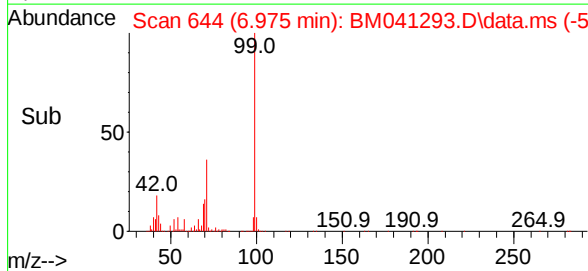
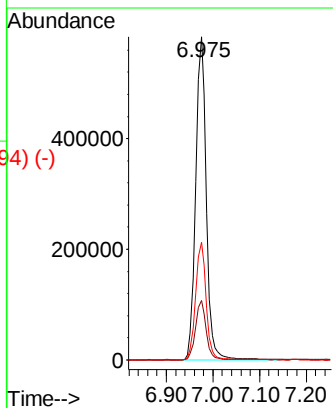
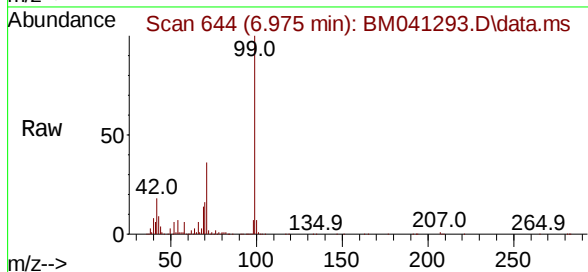




Phenol-d6  
 Concen: 100.754 ng  
 RT: 6.975 min Scan# 644  
 Delta R.T. -0.006 min  
 Lab File: BM041293.D  
 Acq: 04 Aug 2023 14:18

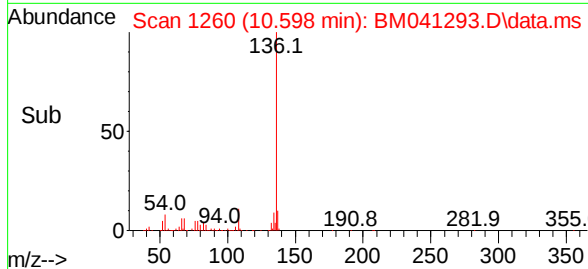
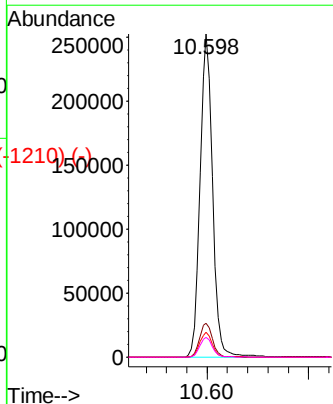
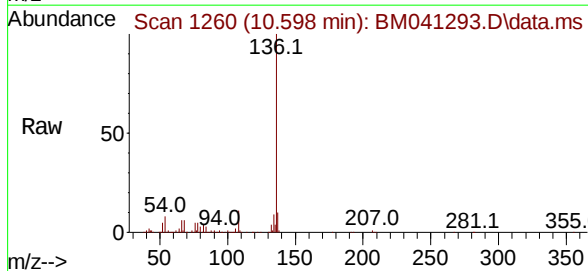
Instrument :  
 BNA\_M  
 ClientSampleId :  
 MCLEAN-TP2

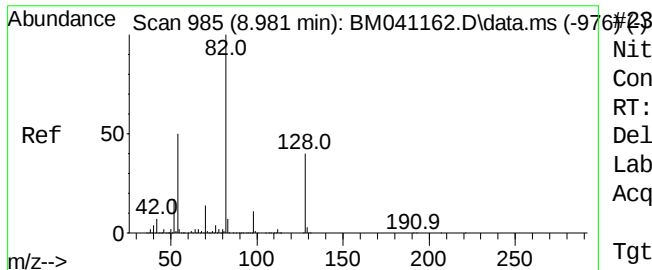
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 99    | Resp: | 923236 |
| Ion      | Ratio | Lower | Upper  |
| 99       | 100   |       |        |
| 42       | 18.5  | 15.4  | 23.0   |
| 71       | 36.3  | 28.2  | 42.4   |



Naphthalene-d8  
 Concen: 20.000 ng  
 RT: 10.598 min Scan# 1260  
 Delta R.T. -0.006 min  
 Lab File: BM041293.D  
 Acq: 04 Aug 2023 14:18

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 431171 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.4  | 8.8   | 13.2   |
| 54       | 7.6   | 6.9   | 10.3   |
| 68       | 6.2   | 5.4   | 8.2    |

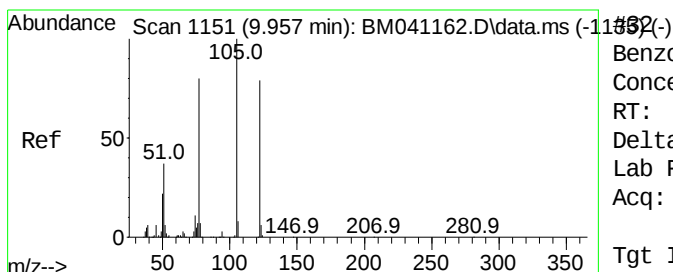
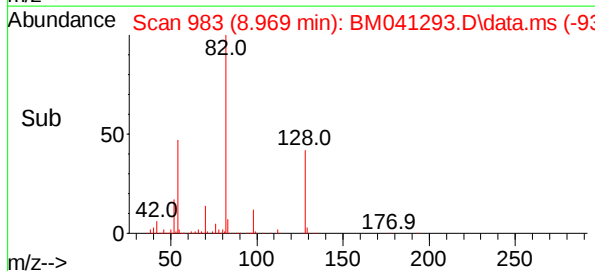
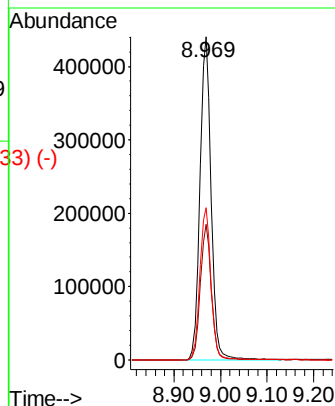
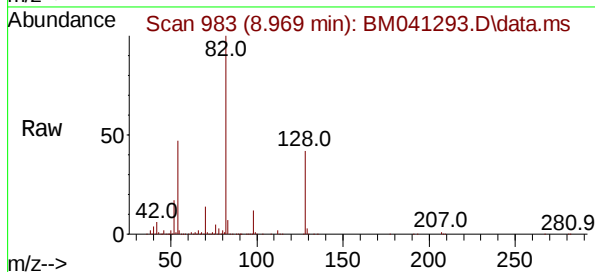




Nitrobenzene-d5  
 Concen: 78.978 ng  
 RT: 8.969 min Scan# 985  
 Delta R.T. -0.006 min  
 Lab File: BM041293.D  
 Acq: 04 Aug 2023 14:18

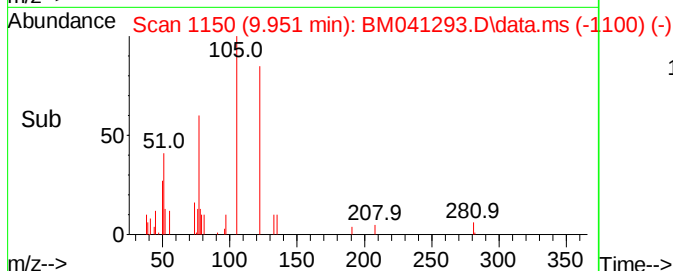
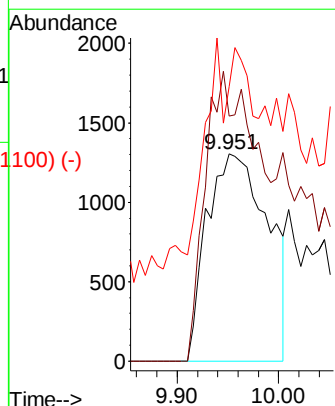
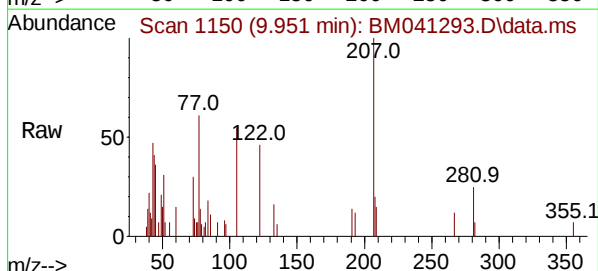
Instrument :  
 BNA\_M  
 ClientSampleId :  
 MCLEAN-TP2

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 82    | Resp: | 732251 |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 128      | 42.0  | 31.8  | 47.6   |
| 54       | 47.2  | 40.1  | 60.1   |



Benzoic acid  
 Concen: 8.114 ng  
 RT: 9.951 min Scan# 1150  
 Delta R.T. -0.006 min  
 Lab File: BM041293.D  
 Acq: 04 Aug 2023 14:18

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 122   | Resp: | 5455   |
| Ion      | Ratio | Lower | Upper  |
| 122      | 100   |       |        |
| 105      | 118.0 | 104.0 | 144.0  |
| 77       | 132.2 | 79.9  | 119.9# |



Abundance Scan 1919 (14.474 min): BM041162.D\data.ms (-1839) (-)

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.457 min Scan# 1919

Delta R.T. -0.006 min

Lab File: BM041293.D

Acq: 04 Aug 2023 14:18

Instrument :

BNA\_M

ClientSampleId :

MCLEAN-TP2

Tgt Ion:164 Resp: 300482

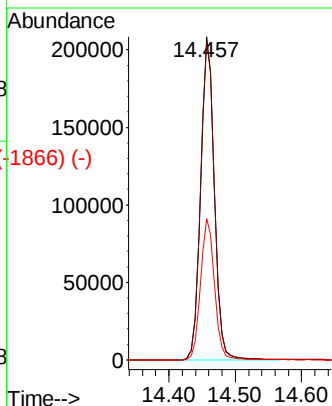
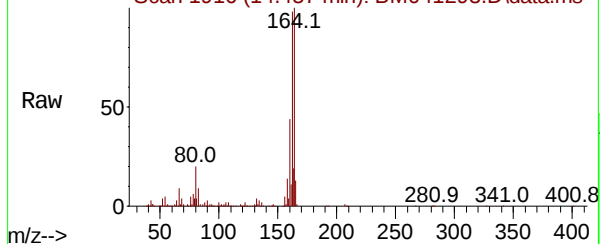
Ion Ratio Lower Upper

164 100

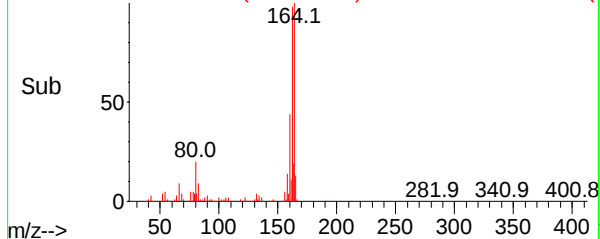
162 98.2 80.4 120.6

160 43.8 36.2 54.2

Abundance Scan 1916 (14.457 min): BM041293.D\data.ms



Abundance Scan 1916 (14.457 min): BM041293.D\data.ms (-1866) (-)



Abundance Scan 2174 (15.974 min): BM041162.D\data.ms (-2160) (-)

2,4,6-Tribromophenol

Concen: 151.778 ng

RT: 15.962 min Scan# 2172

Delta R.T. -0.006 min

Lab File: BM041293.D

Acq: 04 Aug 2023 14:18

Tgt Ion:330 Resp: 645080

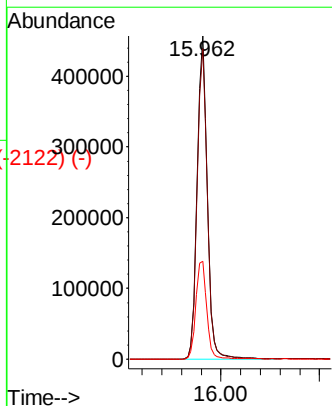
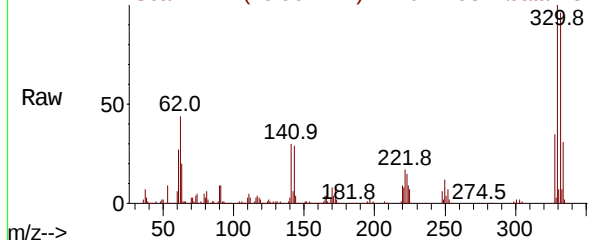
Ion Ratio Lower Upper

330 100

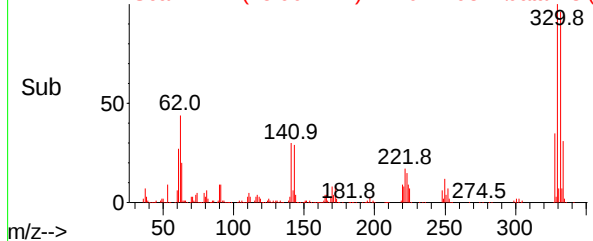
332 96.9 77.7 116.5

141 32.5 28.3 42.5

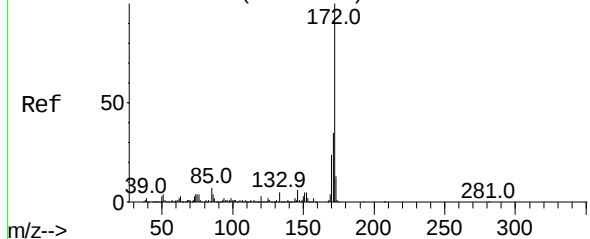
Abundance Scan 2172 (15.962 min): BM041293.D\data.ms



Abundance Scan 2172 (15.962 min): BM041293.D\data.ms (-2122) (-)



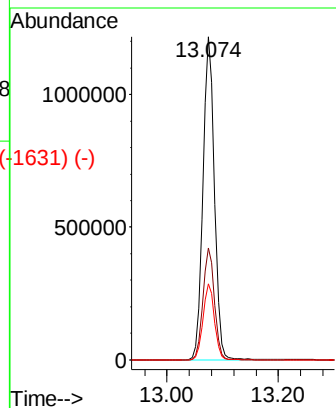
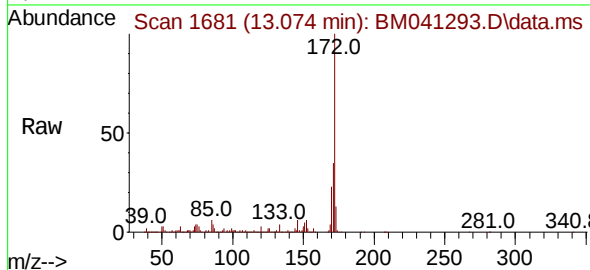
Abundance Scan 1684 (13.092 min): BM041162.D\data.ms (-1645) (-)



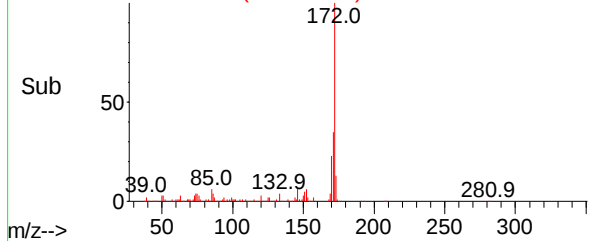
2-Fluorobiphenyl  
Concen: 73.498 ng  
RT: 13.074 min Scan# 1681  
Delta R.T. -0.006 min  
Lab File: BM041293.D  
Acq: 04 Aug 2023 14:18

Instrument :  
BNA\_M  
ClientSampleId :  
MCLEAN-TP2

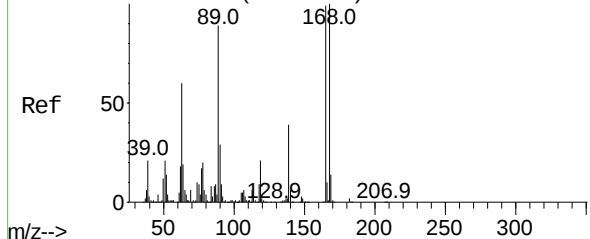
|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 172   | Resp: | 1748251 |
| Ion      | Ratio | Lower | Upper   |
| 172      | 100   |       |         |
| 171      | 34.7  | 28.1  | 42.1    |
| 170      | 23.5  | 18.9  | 28.3    |



Abundance Scan 1681 (13.074 min): BM041293.D\data.ms (-1631) (-)

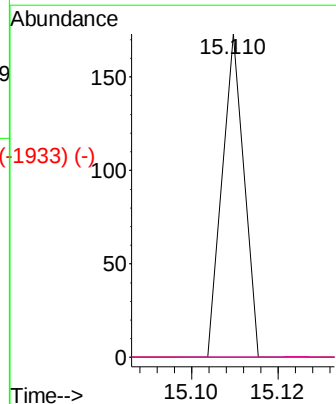
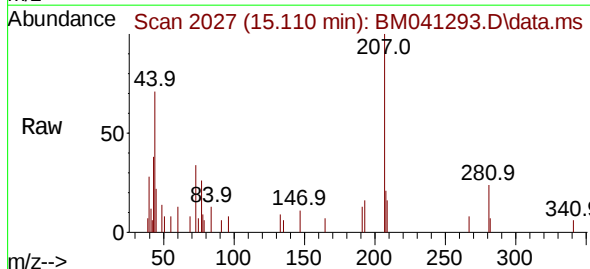


Abundance Scan 1984 (14.857 min): BM041162.D\data.ms (-1957) (-)

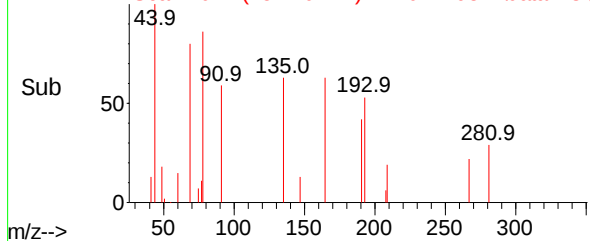


2,4-Dinitrotoluene  
Concen: 2.679 ng  
RT: 15.110 min Scan# 2027  
Delta R.T. 0.253 min  
Lab File: BM041293.D  
Acq: 04 Aug 2023 14:18

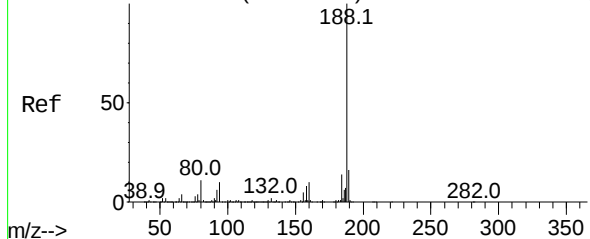
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 165   | Resp: | 61     |
| Ion      | Ratio | Lower | Upper  |
| 165      | 100   |       |        |
| 63       | 0.0   | 48.3  | 72.5#  |
| 89       | 0.0   | 71.8  | 107.8# |
| 182      | 0.0   | 2.0   | 3.0#   |



Abundance Scan 2027 (15.110 min): BM041293.D\data.ms (-1933) (-)



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: BM041293.D

Acq: 04 Aug 2023 14:18

Instrument :

BNA\_M

ClientSampleId :

MCLEAN-TP2

Tgt Ion:188 Resp: 790504

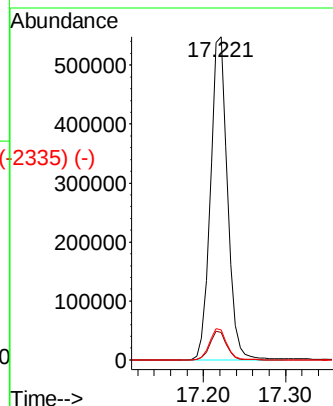
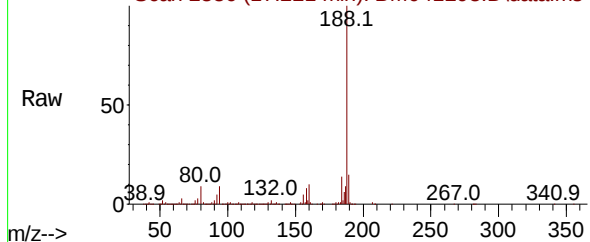
Ion Ratio Lower Upper

188 100

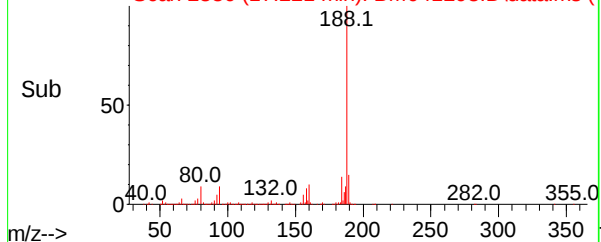
94 8.6 8.2 12.2

80 9.4 8.6 13.0

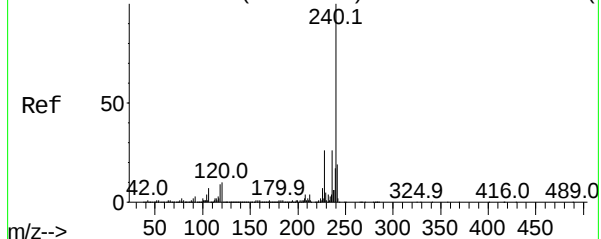
Abundance Scan 2386 (17.221 min): BM041293.D\data.ms



Abundance Scan 2386 (17.221 min): BM041293.D\data.ms (-2335) (-)



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: BM041293.D

Acq: 04 Aug 2023 14:18

Tgt Ion:240 Resp: 797802

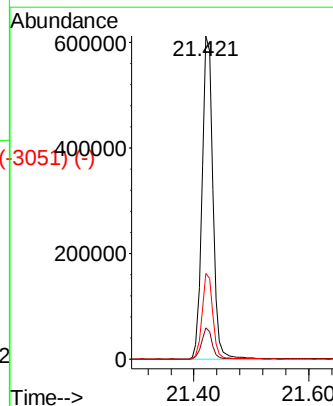
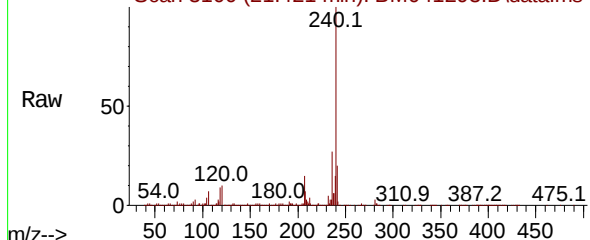
Ion Ratio Lower Upper

240 100

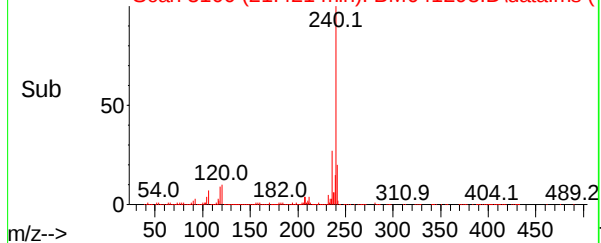
120 9.7 8.3 12.5

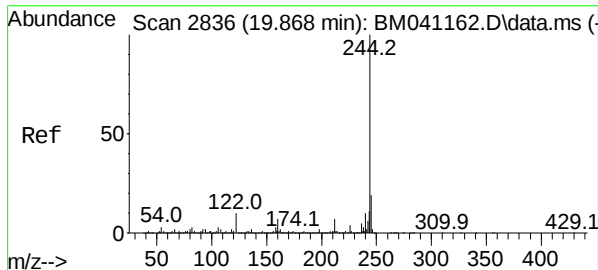
236 26.5 20.6 30.8

Abundance Scan 3100 (21.421 min): BM041293.D\data.ms



Abundance Scan 3100 (21.421 min): BM041293.D\data.ms (-3051) (-)





Terphenyl-d14

Concen: 96.622 ng

RT: 19.856 min Scan# 2836

Delta R.T. -0.006 min

Lab File: BM041293.D

Acq: 04 Aug 2023 14:18

Instrument :

BNA\_M

ClientSampleId :

MCLEAN-TP2

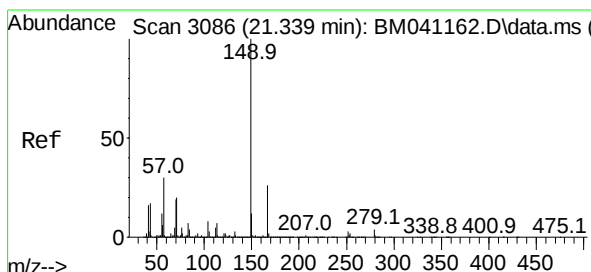
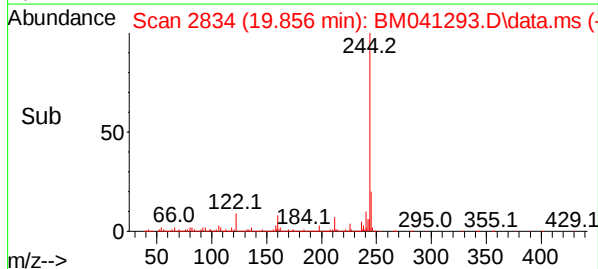
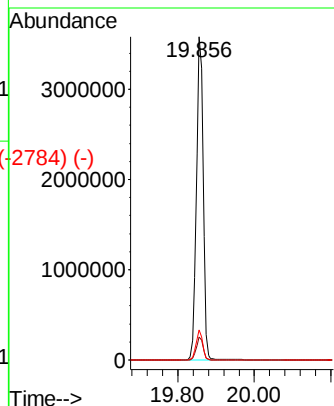
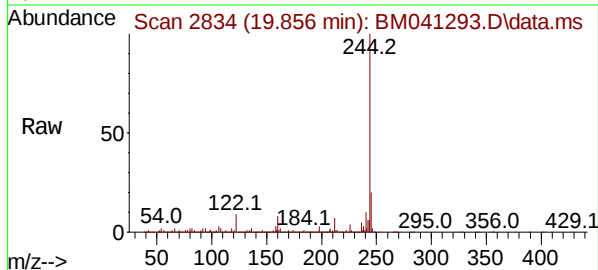
Tgt Ion:244 Resp: 4263442

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.2

122 9.3 7.8 11.6



Bis(2-ethylhexyl)phthalate

Concen: 2.626 ng

RT: 21.327 min Scan# 3084

Delta R.T. -0.006 min

Lab File: BM041293.D

Acq: 04 Aug 2023 14:18

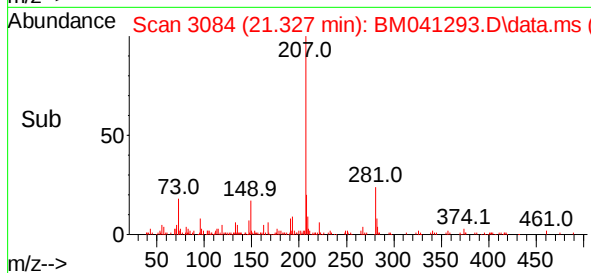
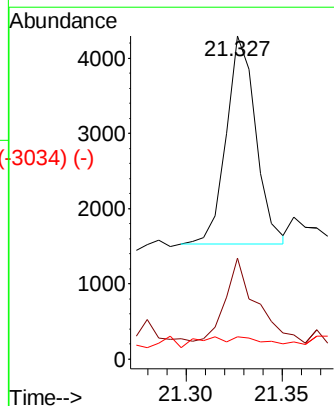
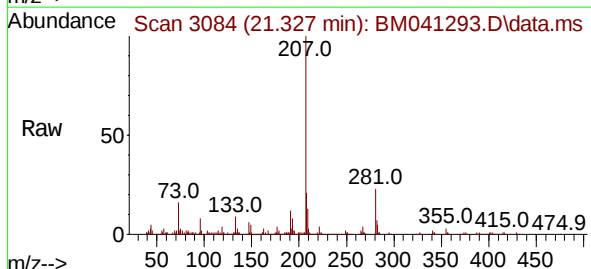
Tgt Ion:149 Resp: 2955

Ion Ratio Lower Upper

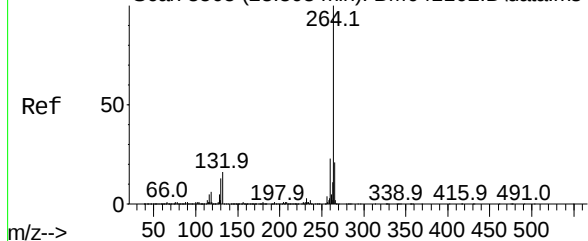
149 100

167 31.4 21.0 31.6

279 6.9 3.1 4.7#



Abundance Scan 3505 (23.803 min): BM041162.D\data.ms (-3485) (-)



Perylene-d12

Concen: 20.000 ng

RT: 23.797 min Scan#

Delta R.T. -0.006 min

Lab File: BM041293.D

Acq: 04 Aug 2023 14:18

Instrument :

BNA\_M

ClientSampleId :

MCLEAN-TP2

Tgt Ion:264 Resp: 781043

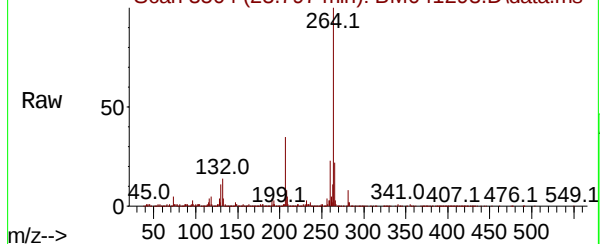
Ion Ratio Lower Upper

264 100

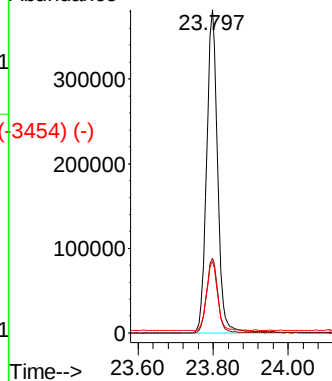
260 23.1 18.5 27.7

265 22.1 17.4 26.0

Abundance Scan 3504 (23.797 min): BM041293.D\data.ms



Abundance



Abundance Scan 3504 (23.797 min): BM041293.D\data.ms (-3454) (-)

