

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM081324\  
 Data File : BM047169.D  
 Acq On : 13 Aug 2024 10:09  
 Operator : RC/JU  
 Sample : PB162553BL  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Aug 13 10:52:22 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM081024.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sun Aug 11 23:47:58 2024  
 Response via : Initial Calibration

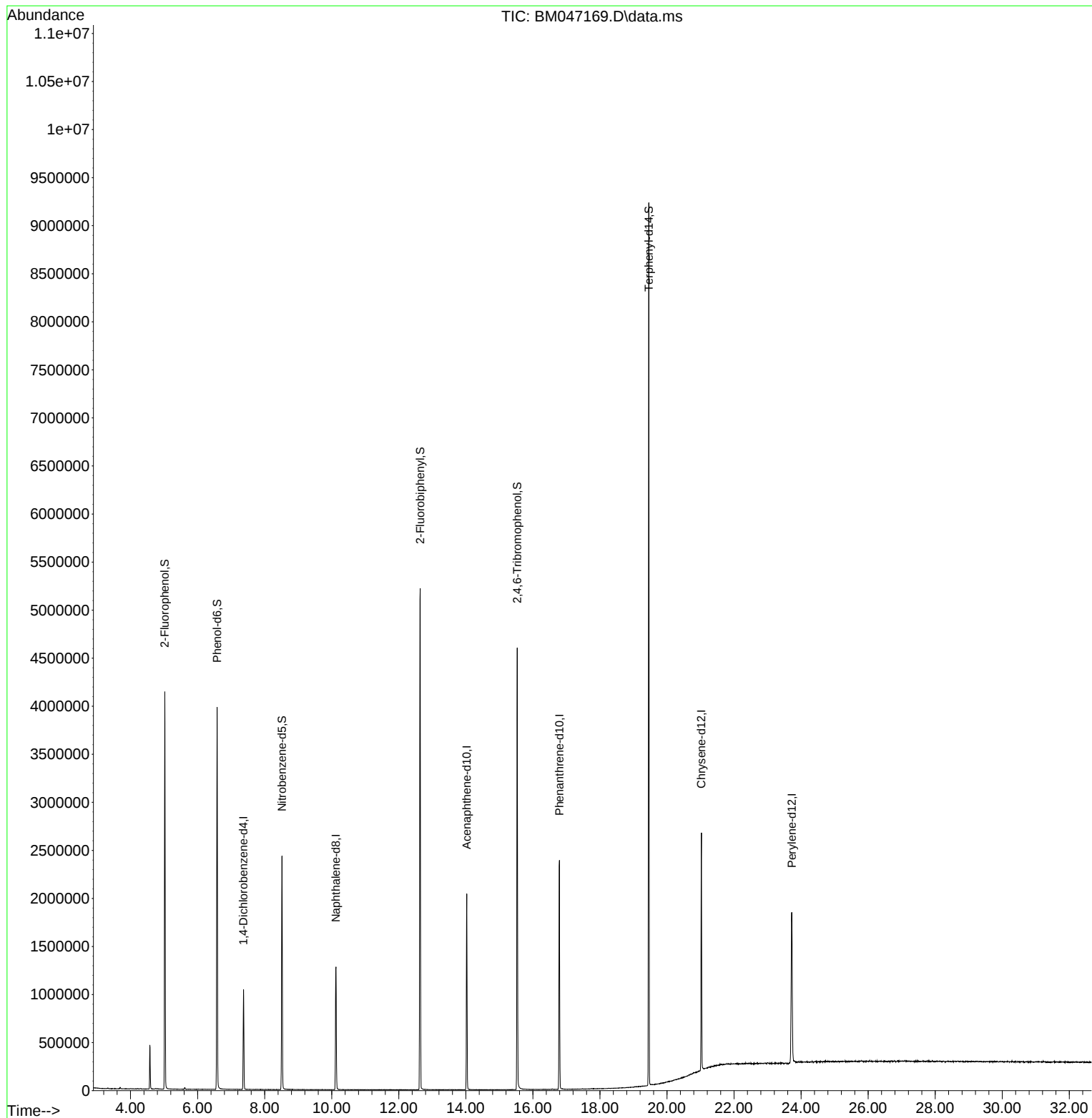
| Compound                    | R.T.   | QIon | Response | Conc      | Units | Dev(Min) |
|-----------------------------|--------|------|----------|-----------|-------|----------|
| -----                       |        |      |          |           |       |          |
| Internal Standards          |        |      |          |           |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.369  | 152  | 266916   | 20.000    | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.128 | 136  | 1056409  | 20.000    | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.027 | 164  | 676276   | 20.000    | ng    | 0.00     |
| 64) Phenanthrene-d10        | 16.792 | 188  | 1387815  | 20.000    | ng    | 0.00     |
| 76) Chrysene-d12            | 21.027 | 240  | 1122401  | 20.000    | ng    | 0.00     |
| 86) Perylene-d12            | 23.721 | 264  | 1330346  | 20.000    | ng    | 0.00     |
|                             |        |      |          |           |       |          |
| System Monitoring Compounds |        |      |          |           |       |          |
| 5) 2-Fluorophenol           | 5.022  | 112  | 1625854  | 108.841   | ng    | 0.00     |
| 7) Phenol-d6                | 6.581  | 99   | 2136786  | 103.813   | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.516  | 82   | 1404872  | 66.963    | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.533 | 330  | 719760   | 91.788    | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.639 | 172  | 2720643  | 62.056    | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.456 | 244  | 3972397  | 75.837    | ng    | 0.00     |
|                             |        |      |          |           |       |          |
| Target Compounds            |        |      |          |           |       | Qvalue   |
| 9) Benzaldehyde             | 6.528  | 77   | 391      | Below Cal | #     | 3        |
| -----                       |        |      |          |           |       |          |

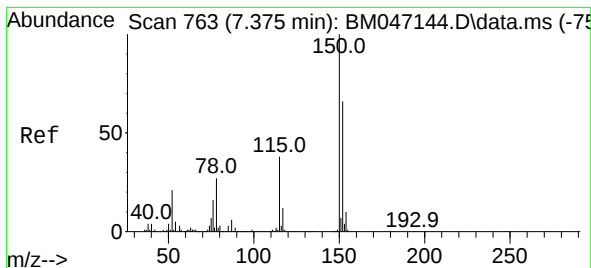
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM081324\  
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BNA\_M  
ClientSampleId :

Quant Time: Aug 13 10:52:22 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM081024.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sun Aug 11 23:47:58 2024  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.369 min Scan# 7

Delta R.T. -0.006 min

Lab File: BM047169.D

Acq: 13 Aug 2024 10:09

Instrument :

BNA\_M

ClientSampleId :

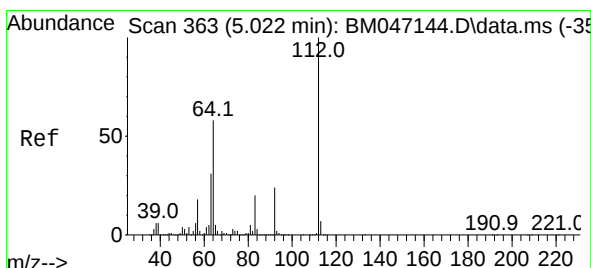
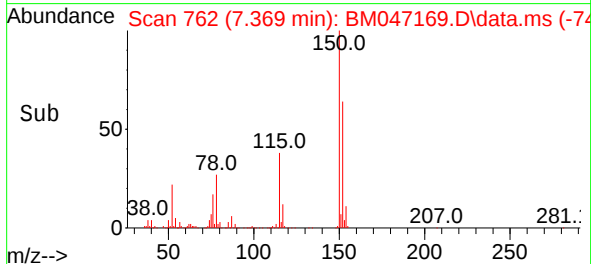
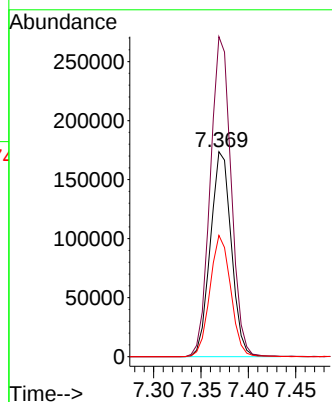
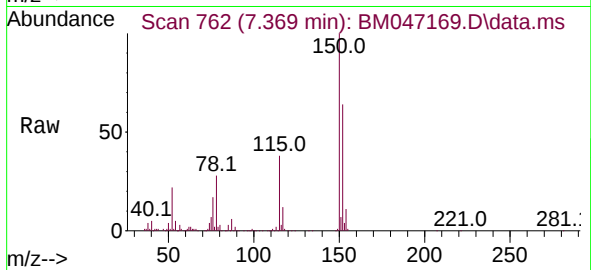
Tgt Ion:152 Resp: 266916

Ion Ratio Lower Upper

152 100

150 156.1 120.5 180.7

115 59.1 45.5 68.3



#5

2-Fluorophenol

Concen: 108.841 ng

RT: 5.022 min Scan# 363

Delta R.T. -0.000 min

Lab File: BM047169.D

Acq: 13 Aug 2024 10:09

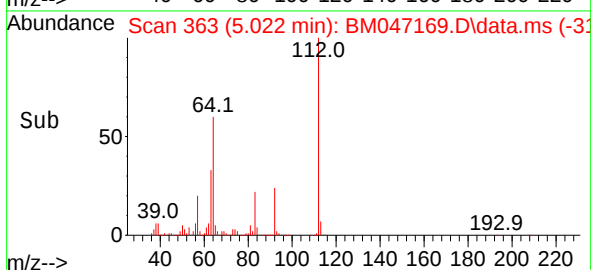
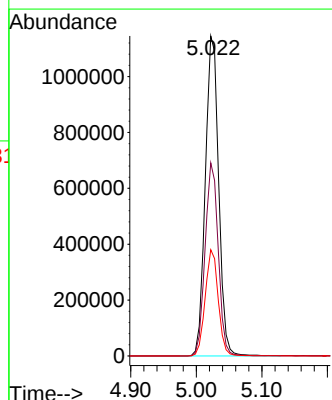
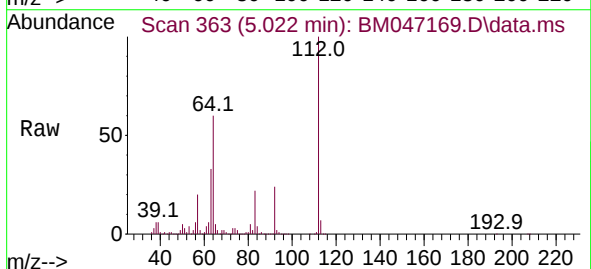
Tgt Ion:112 Resp: 1625854

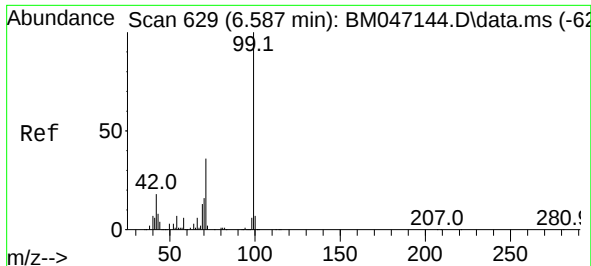
Ion Ratio Lower Upper

112 100

64 60.4 46.7 70.1

63 33.2 24.8 37.2

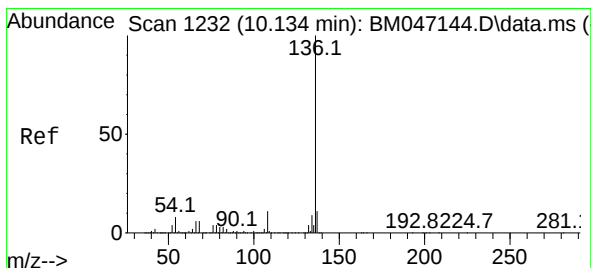
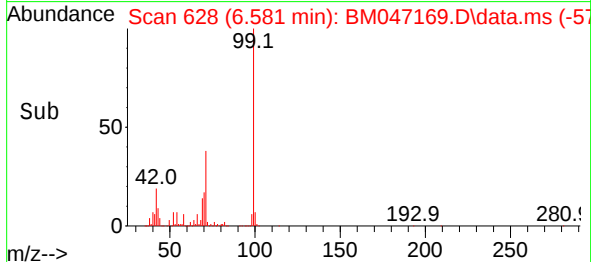
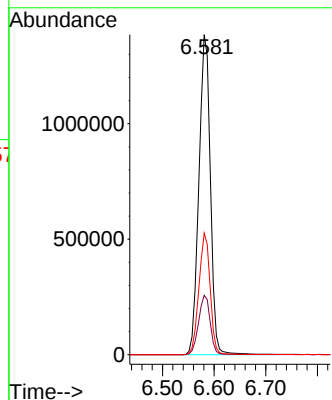
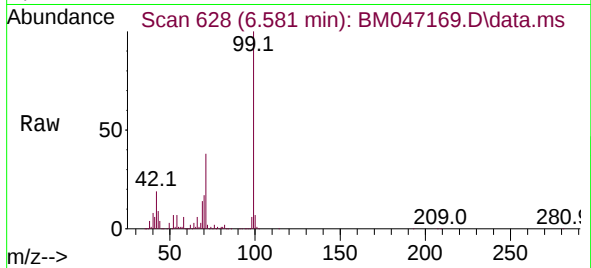




#7  
Phenol-d6  
Concen: 103.813 ng  
RT: 6.581 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BM047169.D  
Acq: 13 Aug 2024 10:09

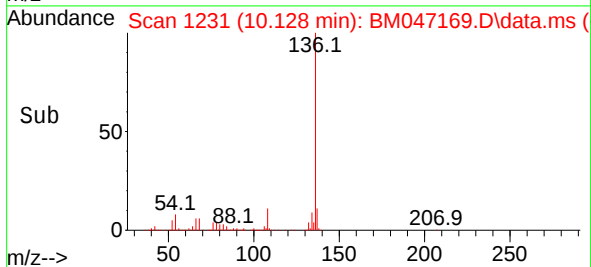
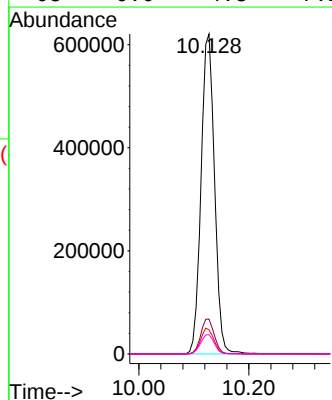
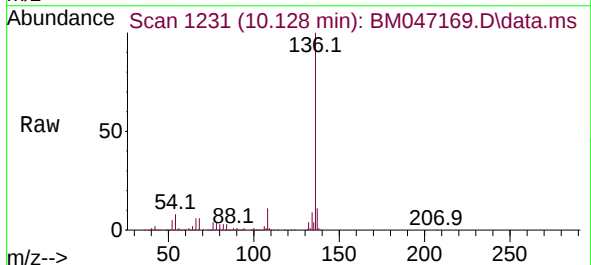
Instrument :  
BNA\_M  
ClientSampleId :

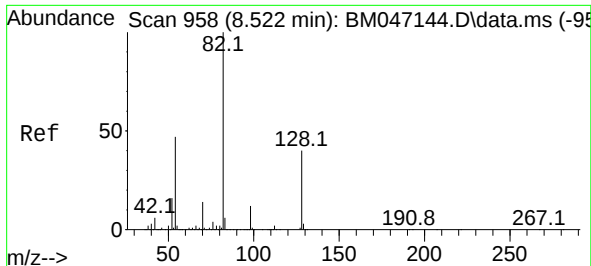
Tgt Ion: 99 Resp: 2136786  
Ion Ratio Lower Upper  
99 100  
42 18.6 14.1 21.1  
71 38.0 28.5 42.7



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.128 min Scan# 1231  
Delta R.T. -0.006 min  
Lab File: BM047169.D  
Acq: 13 Aug 2024 10:09

Tgt Ion: 136 Resp: 1056409  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.8 13.2  
54 7.5 6.0 9.0  
68 6.0 4.8 7.2

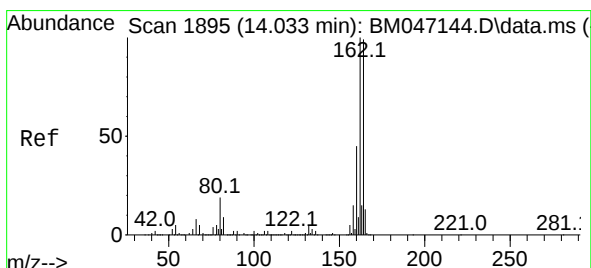
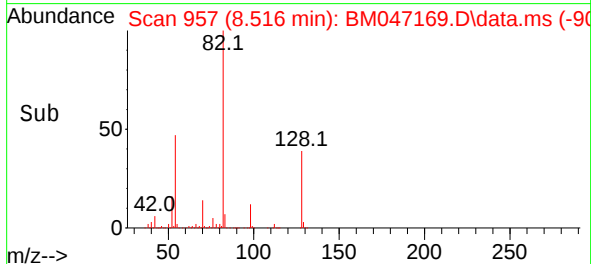
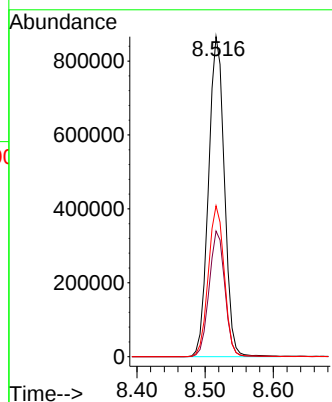
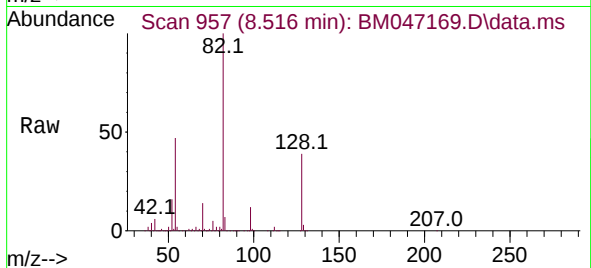




#23  
Nitrobenzene-d5  
Concen: 66.963 ng  
RT: 8.516 min Scan# 90  
Delta R.T. -0.006 min  
Lab File: BM047169.D  
Acq: 13 Aug 2024 10:09

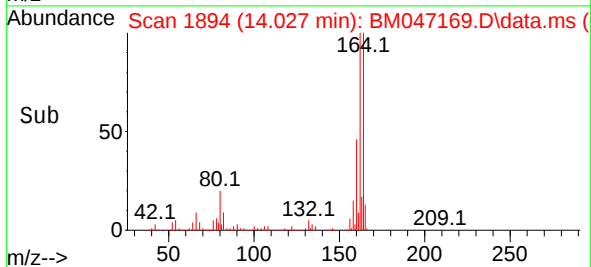
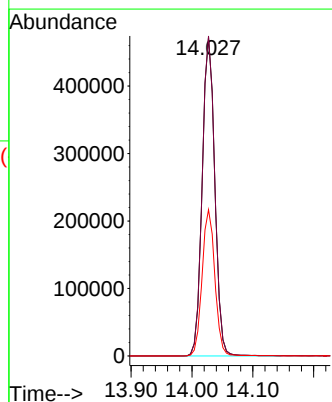
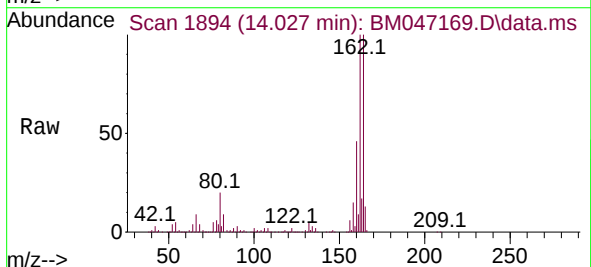
Instrument :  
BNA\_M  
ClientSampleId :

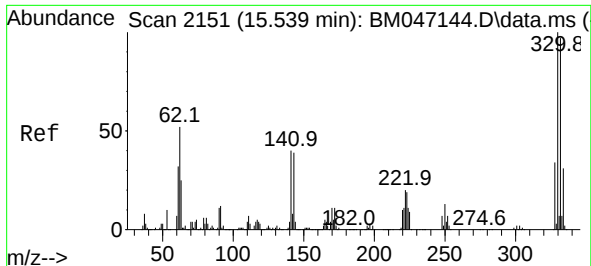
Tgt Ion: 82 Resp: 1404872  
Ion Ratio Lower Upper  
82 100  
128 39.3 32.3 48.5  
54 47.2 37.4 56.2



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.027 min Scan# 1894  
Delta R.T. -0.006 min  
Lab File: BM047169.D  
Acq: 13 Aug 2024 10:09

Tgt Ion: 164 Resp: 676276  
Ion Ratio Lower Upper  
164 100  
162 100.4 80.7 121.1  
160 45.9 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 91.788 ng

RT: 15.533 min Scan# 2151

Delta R.T. -0.006 min

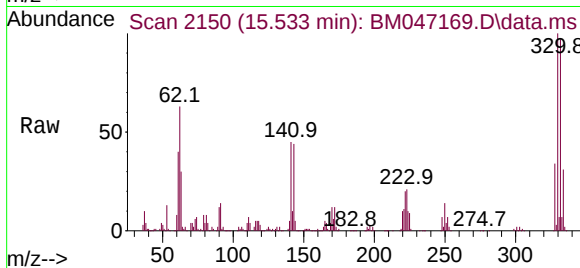
Lab File: BM047169.D

Acq: 13 Aug 2024 10:09

Instrument :

BNA\_M

ClientSampleId :



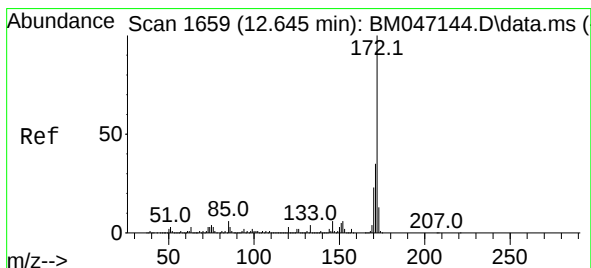
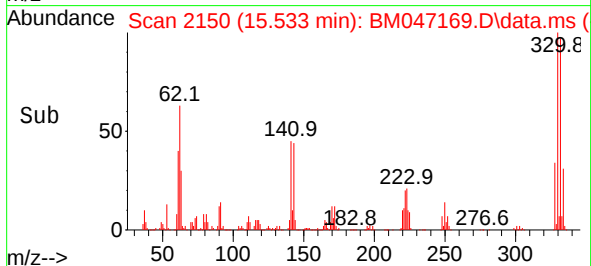
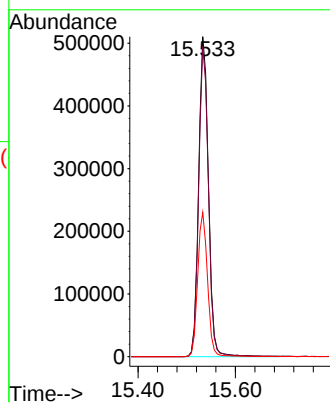
Tgt Ion:330 Resp: 719760

Ion Ratio Lower Upper

330 100

332 95.9 77.4 116.2

141 45.2 31.6 47.4



#45

2-Fluorobiphenyl

Concen: 62.056 ng

RT: 12.639 min Scan# 1658

Delta R.T. -0.006 min

Lab File: BM047169.D

Acq: 13 Aug 2024 10:09

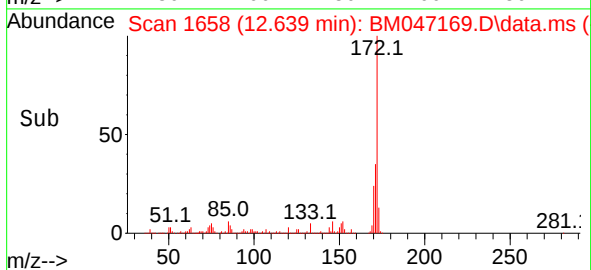
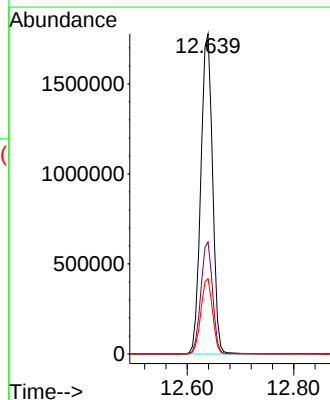
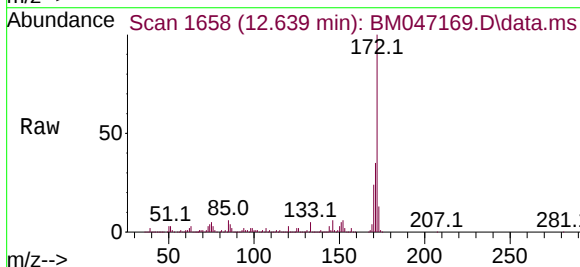
Tgt Ion:172 Resp: 2720643

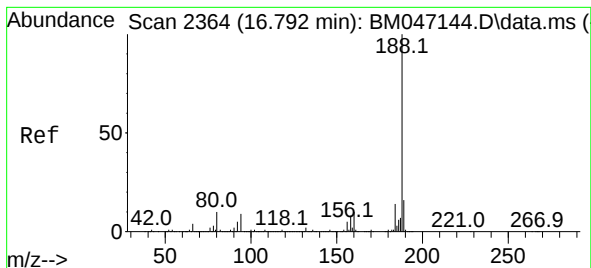
Ion Ratio Lower Upper

172 100

171 35.0 27.8 41.6

170 23.5 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.792 min Scan# 2364

Delta R.T. -0.000 min

Lab File: BM047169.D

Acq: 13 Aug 2024 10:09

Instrument :

BNA\_M

ClientSampleId :

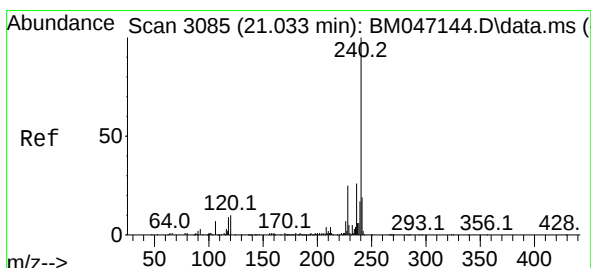
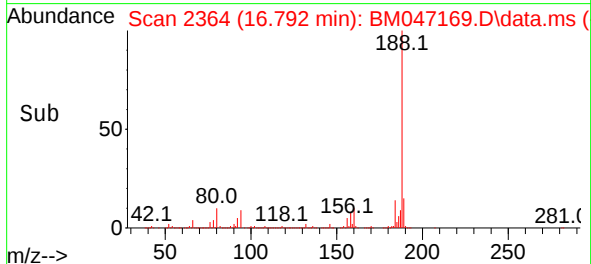
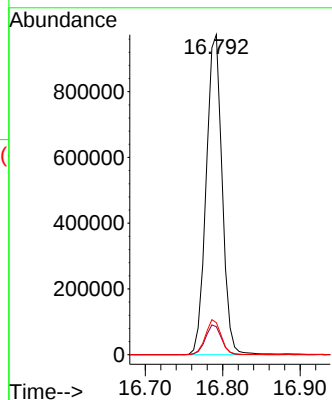
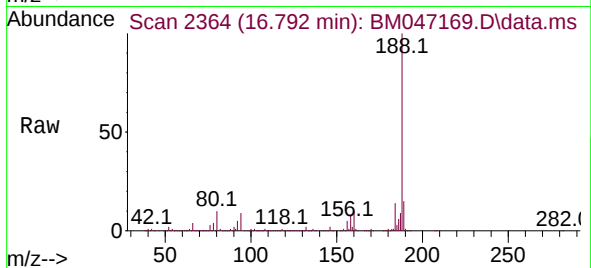
Tgt Ion:188 Resp: 1387815

Ion Ratio Lower Upper

188 100

94 8.8 7.0 10.6

80 10.0 8.0 12.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.027 min Scan# 3084

Delta R.T. -0.006 min

Lab File: BM047169.D

Acq: 13 Aug 2024 10:09

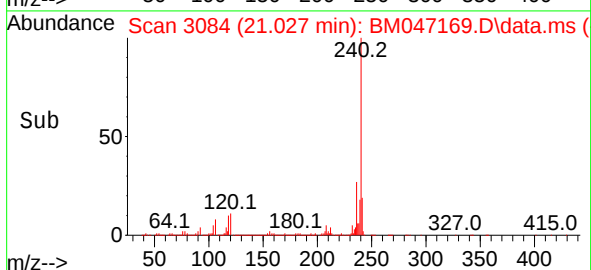
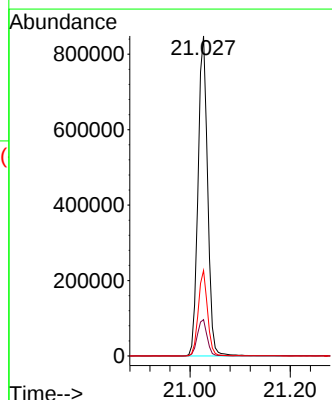
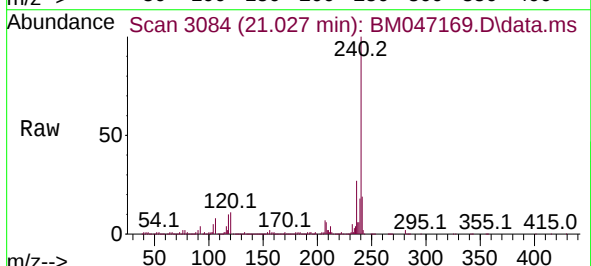
Tgt Ion:240 Resp: 1122401

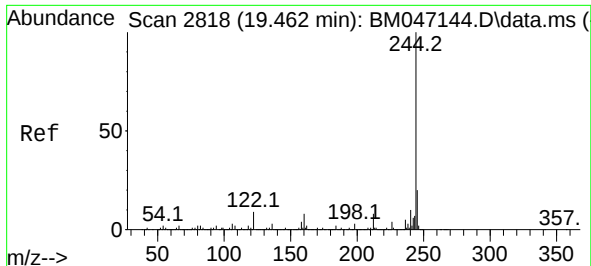
Ion Ratio Lower Upper

240 100

120 11.4 8.2 12.2

236 26.7 20.6 30.8





#79

Terphenyl-d14

Concen: 75.837 ng

RT: 19.456 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047169.D

Acq: 13 Aug 2024 10:09

Instrument :

BNA\_M

ClientSampleId :

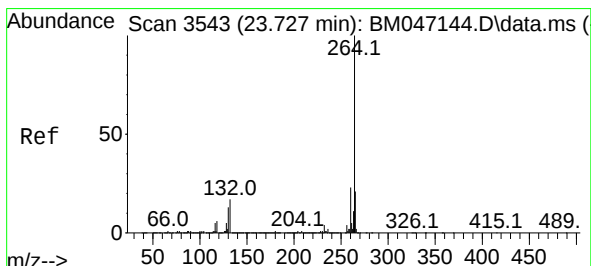
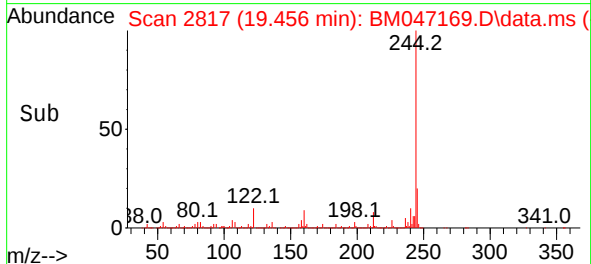
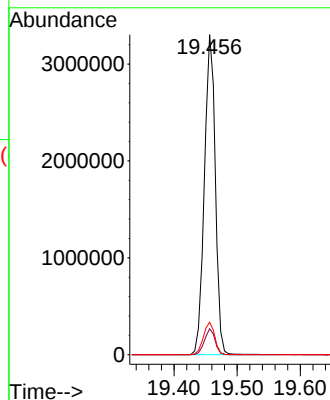
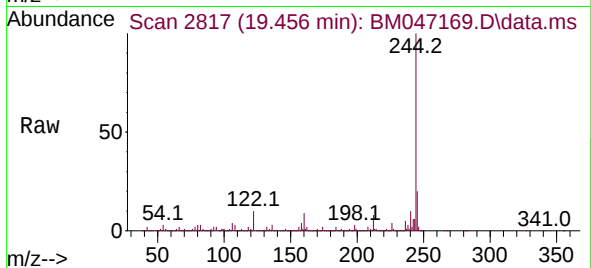
Tgt Ion:244 Resp: 3972397

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.4

122 10.2 7.1 10.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.721 min Scan# 3542

Delta R.T. -0.006 min

Lab File: BM047169.D

Acq: 13 Aug 2024 10:09

Tgt Ion:264 Resp: 1330346

Ion Ratio Lower Upper

264 100

260 22.6 18.5 27.7

265 21.5 17.3 25.9

