

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM082924\  
 Data File : BM047396.D  
 Acq On : 29 Aug 2024 16:26  
 Operator : RC/JU  
 Sample : P3773-02 2X  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 AU-06-082824

Quant Time: Aug 29 17:00:48 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM082624.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 26 18:11:40 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.345  | 152  | 373373   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.098 | 136  | 1337615  | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.004 | 164  | 862967   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 16.774 | 188  | 1548759  | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 21.015 | 240  | 1203823  | 20.000 | ng    | 0.00     |
| 86) Perylene-d12            | 23.715 | 264  | 1381799  | 20.000 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.010  | 112  | 821998   | 42.238 | ng    | 0.00     |
| 7) Phenol-d6                | 6.569  | 99   | 1078514  | 40.681 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.492  | 82   | 706959   | 29.325 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.521 | 330  | 401194   | 38.533 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.610 | 172  | 1653889  | 29.447 | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.439 | 244  | 1799969  | 26.614 | ng    | 0.00     |

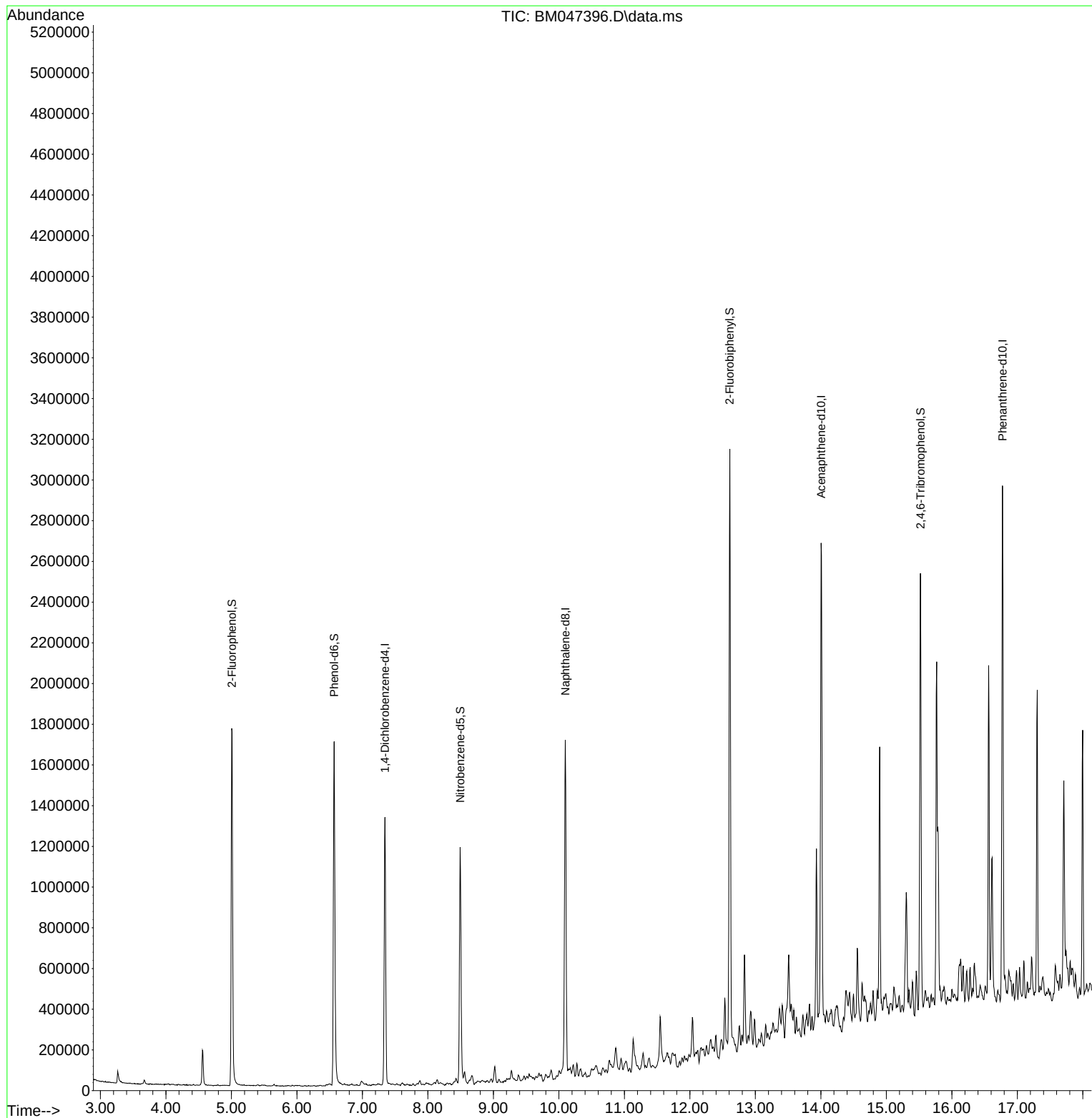
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

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

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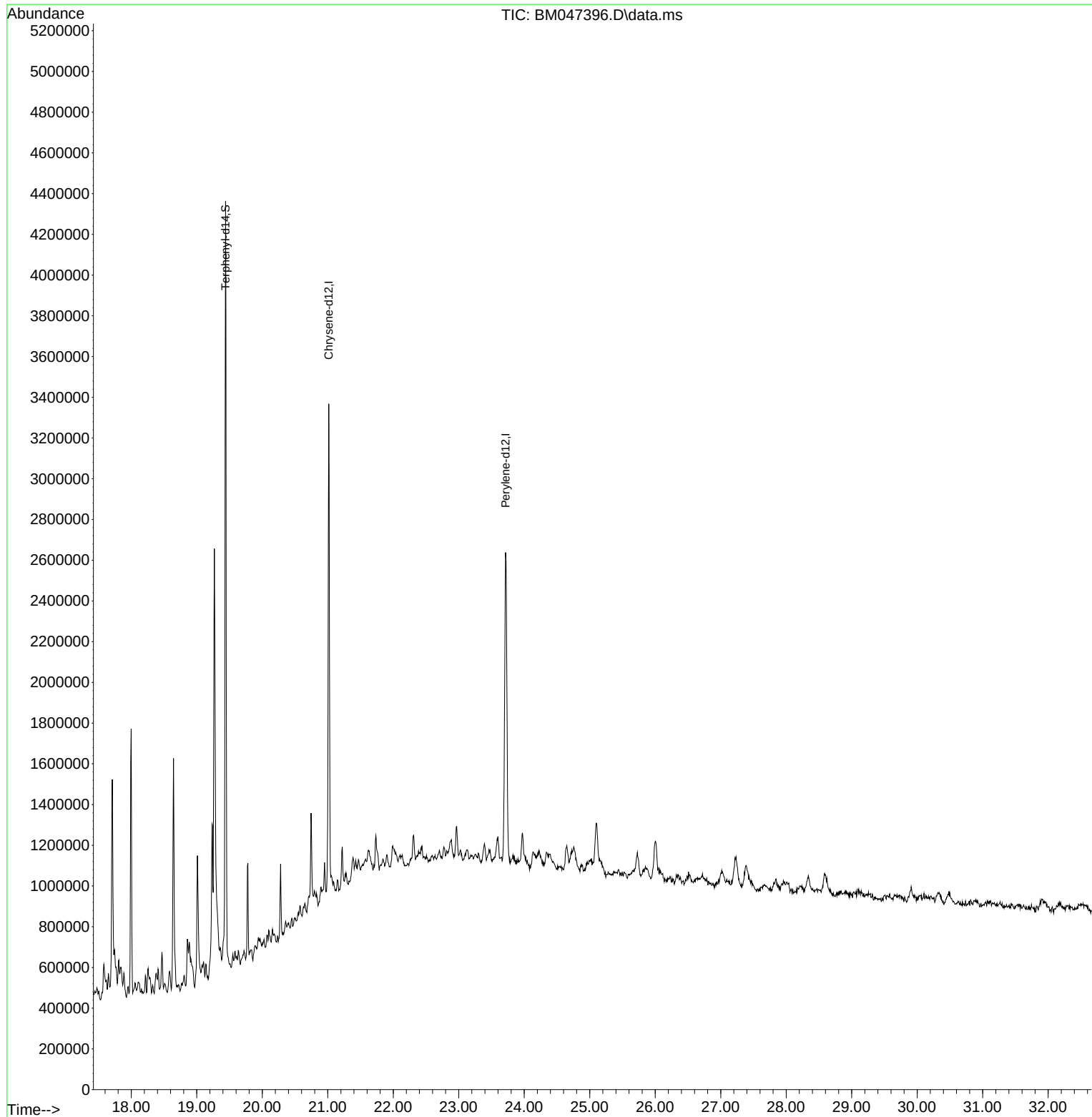
Quant Time: Aug 29 17:00:48 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM082624.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Aug 26 18:11:40 2024  
Response via : Initial Calibration

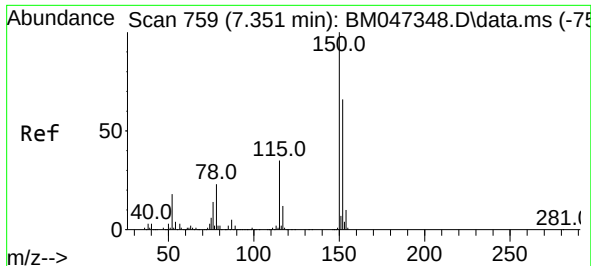


Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM082924\  
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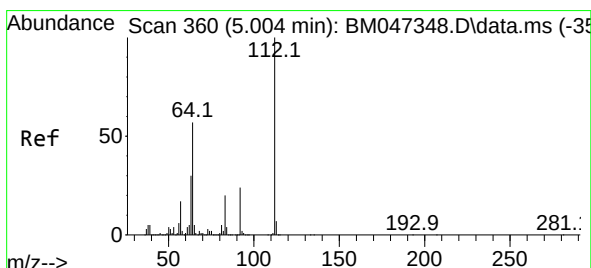
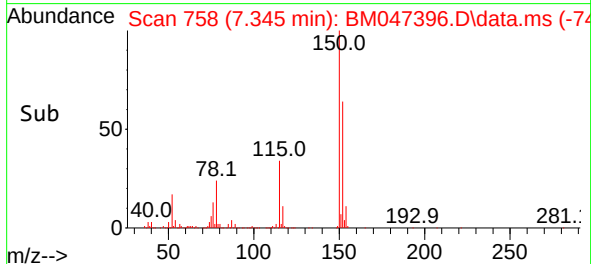
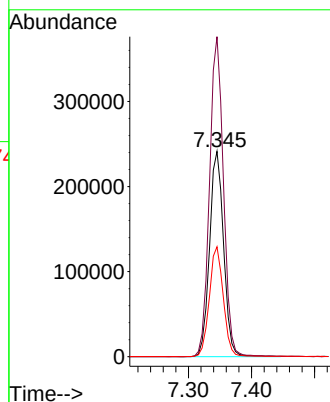
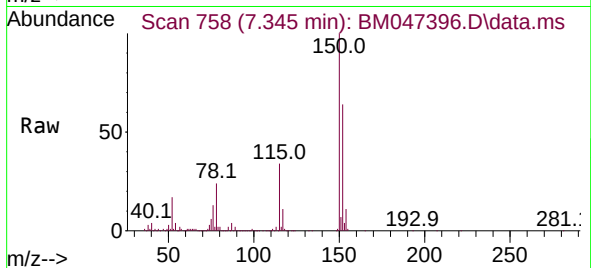




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.345 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BM047396.D  
Acq: 29 Aug 2024 16:26

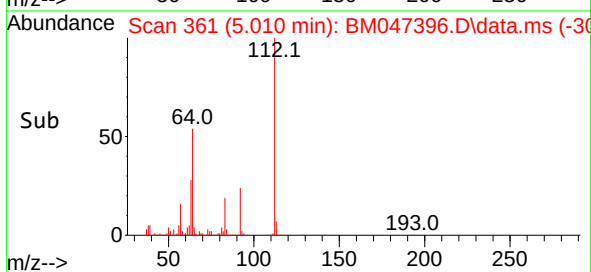
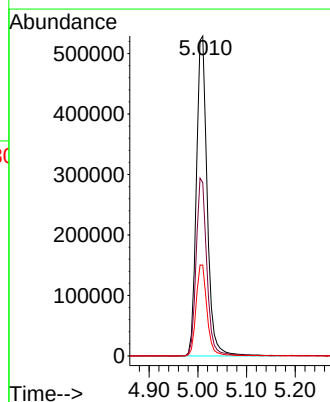
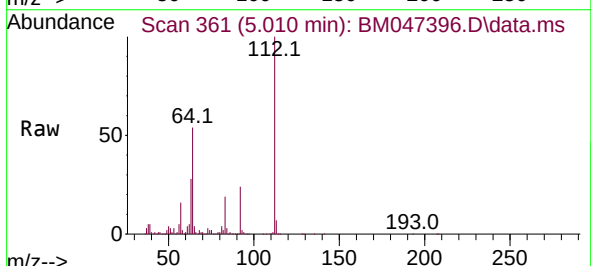
Instrument :  
BNA\_M  
ClientSampleId :  
AU-06-082824

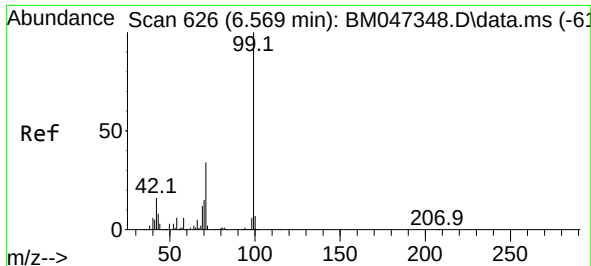
Tgt Ion:152 Resp: 373373  
Ion Ratio Lower Upper  
152 100  
150 155.9 121.3 181.9  
115 53.6 42.6 64.0



#5  
2-Fluorophenol  
Concen: 42.238 ng  
RT: 5.010 min Scan# 361  
Delta R.T. 0.006 min  
Lab File: BM047396.D  
Acq: 29 Aug 2024 16:26

Tgt Ion:112 Resp: 821998  
Ion Ratio Lower Upper  
112 100  
64 54.2 45.7 68.5  
63 28.4 23.8 35.8

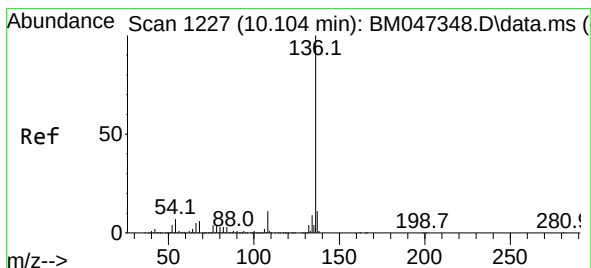
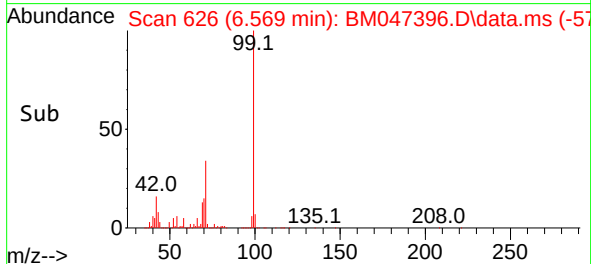
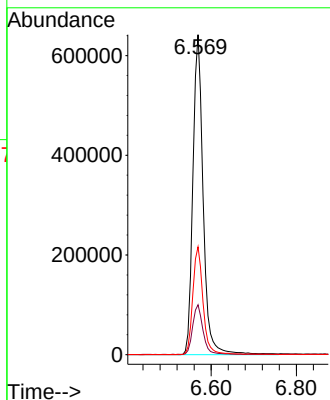
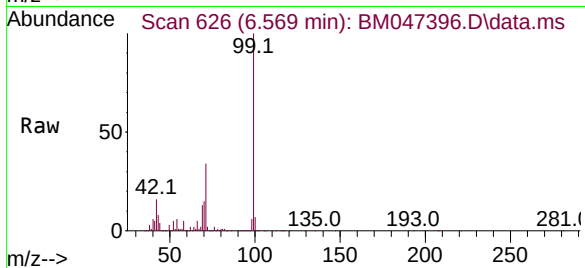




#7  
Phenol-d6  
Concen: 40.681 ng  
RT: 6.569 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BM047396.D  
Acq: 29 Aug 2024 16:26

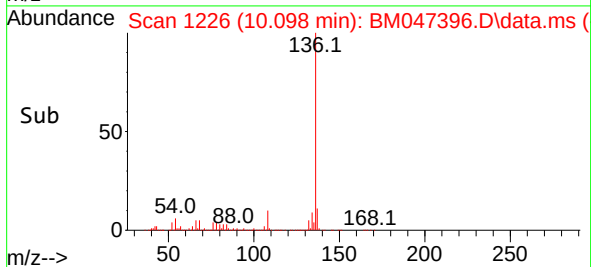
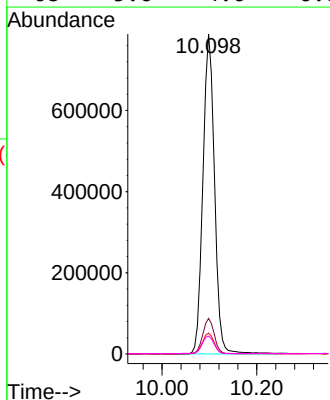
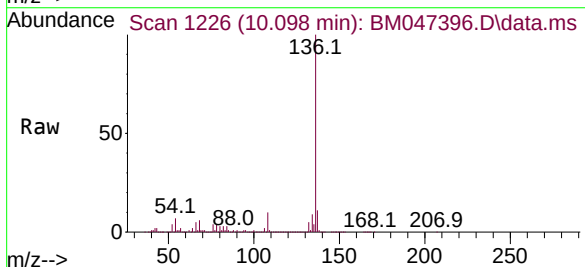
Instrument :  
BNA\_M  
ClientSampleId :  
AU-06-082824

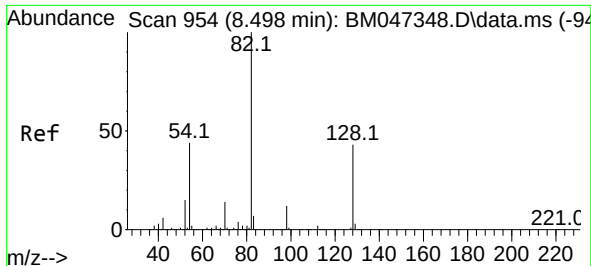
Tgt Ion: 99 Resp: 1078514  
Ion Ratio Lower Upper  
99 100  
42 15.6 13.0 19.4  
71 33.7 27.5 41.3



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.098 min Scan# 1226  
Delta R.T. -0.006 min  
Lab File: BM047396.D  
Acq: 29 Aug 2024 16:26

Tgt Ion: 136 Resp: 1337615  
Ion Ratio Lower Upper  
136 100  
137 11.1 8.8 13.2  
54 6.5 5.2 7.8  
68 5.6 4.6 6.8

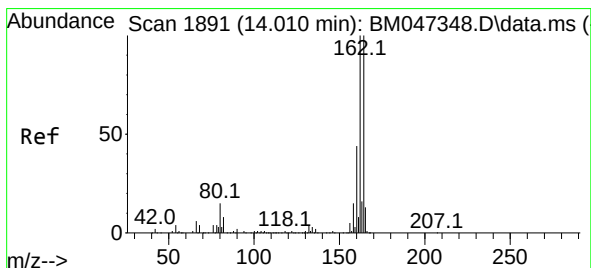
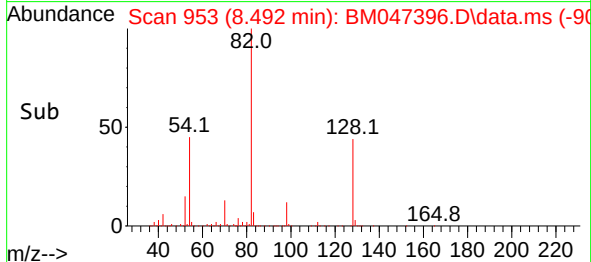
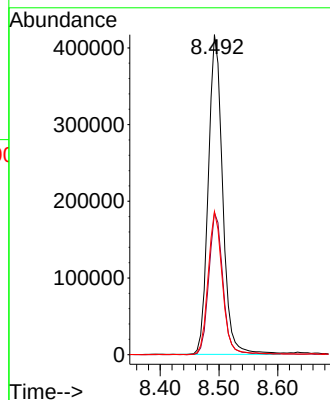
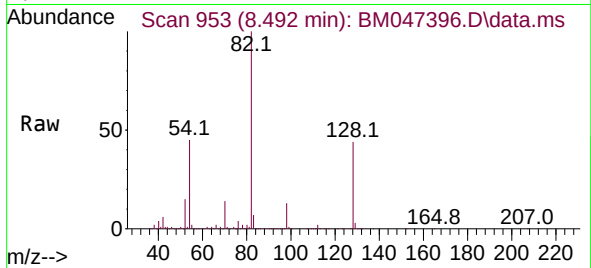




#23  
Nitrobenzene-d5  
Concen: 29.325 ng  
RT: 8.492 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BM047396.D  
Acq: 29 Aug 2024 16:26

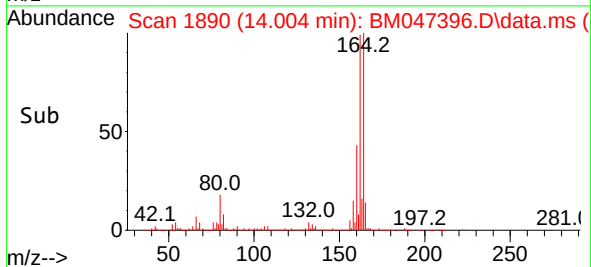
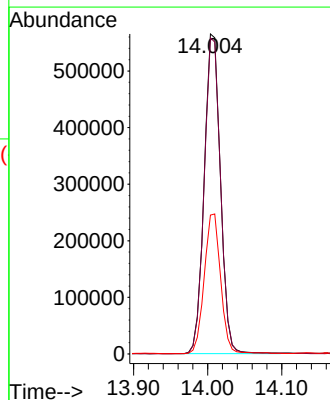
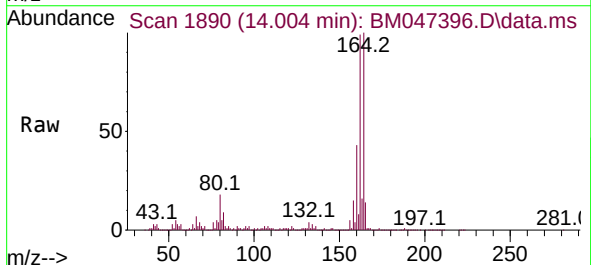
Instrument :  
BNA\_M  
ClientSampleId :  
AU-06-082824

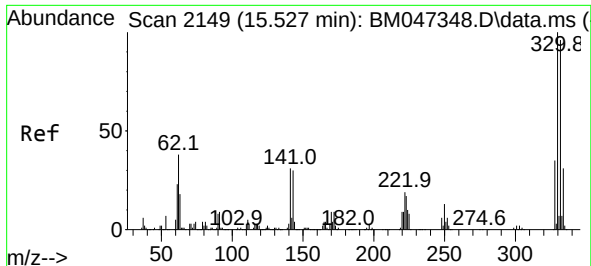
Tgt Ion: 82 Resp: 706959  
Ion Ratio Lower Upper  
82 100  
128 44.4 34.6 51.8  
54 44.8 35.5 53.3



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.004 min Scan# 1890  
Delta R.T. -0.006 min  
Lab File: BM047396.D  
Acq: 29 Aug 2024 16:26

Tgt Ion: 164 Resp: 862967  
Ion Ratio Lower Upper  
164 100  
162 98.8 79.7 119.5  
160 43.4 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 38.533 ng

RT: 15.521 min Scan# 2149

Delta R.T. -0.006 min

Lab File: BM047396.D

Acq: 29 Aug 2024 16:26

Instrument :

BNA\_M

ClientSampleId :

AU-06-082824

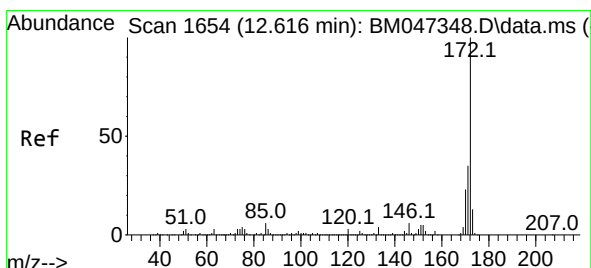
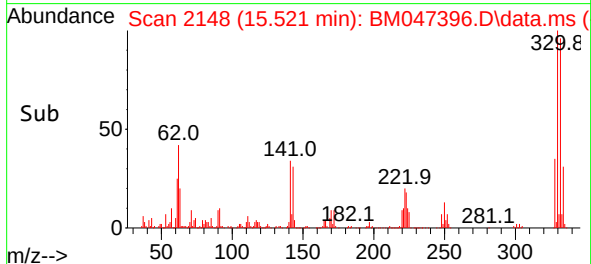
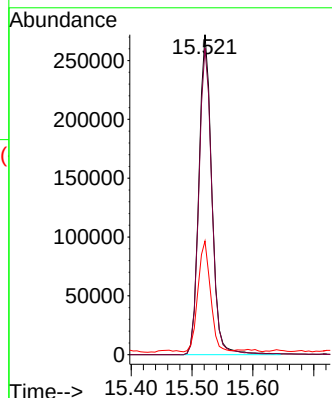
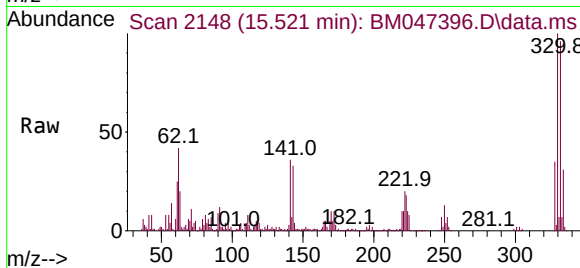
Tgt Ion:330 Resp: 401194

Ion Ratio Lower Upper

330 100

332 96.8 77.2 115.8

141 33.7 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 29.447 ng

RT: 12.610 min Scan# 1653

Delta R.T. -0.006 min

Lab File: BM047396.D

Acq: 29 Aug 2024 16:26

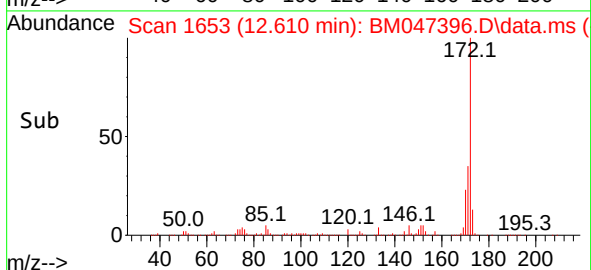
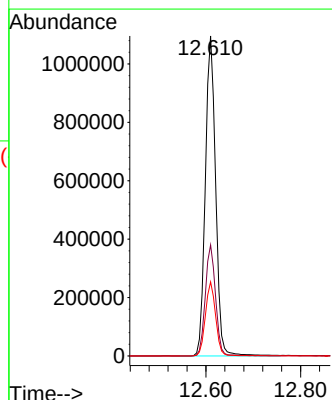
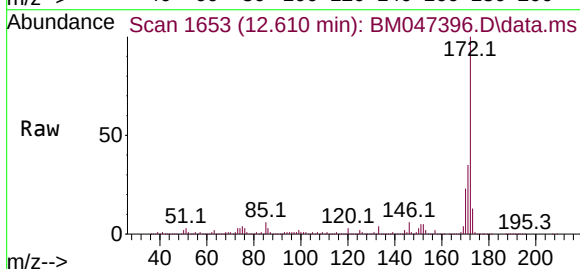
Tgt Ion:172 Resp: 1653889

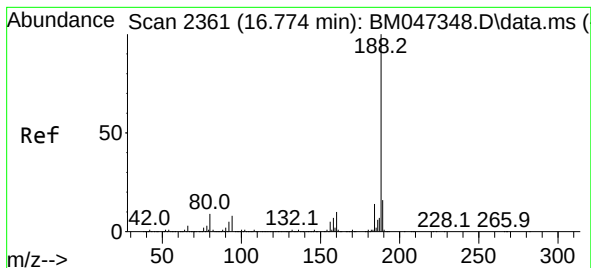
Ion Ratio Lower Upper

172 100

171 34.7 27.8 41.6

170 23.1 18.5 27.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.774 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM047396.D

Acq: 29 Aug 2024 16:26

Instrument :

BNA\_M

ClientSampleId :

AU-06-082824

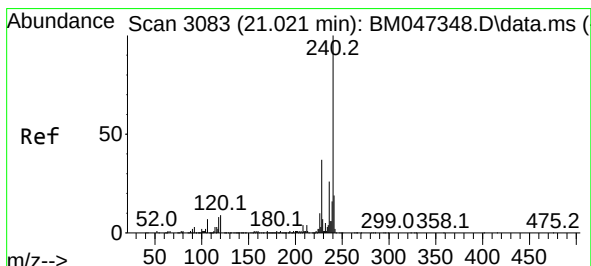
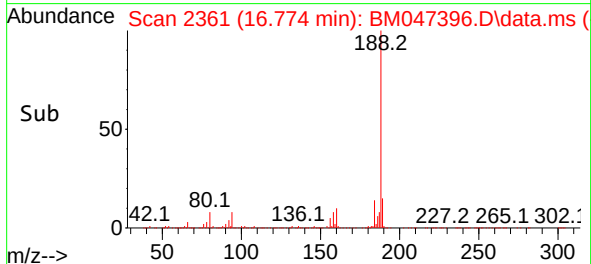
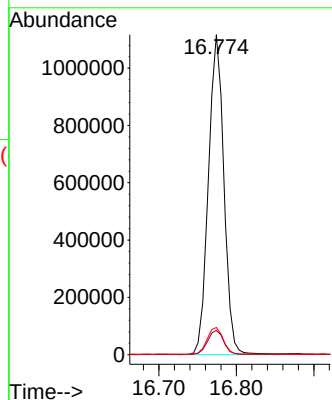
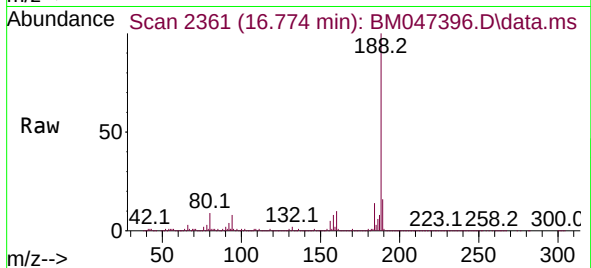
Tgt Ion:188 Resp: 1548759

Ion Ratio Lower Upper

188 100

94 7.6 6.4 9.6

80 8.5 7.4 11.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.015 min Scan# 3082

Delta R.T. -0.006 min

Lab File: BM047396.D

Acq: 29 Aug 2024 16:26

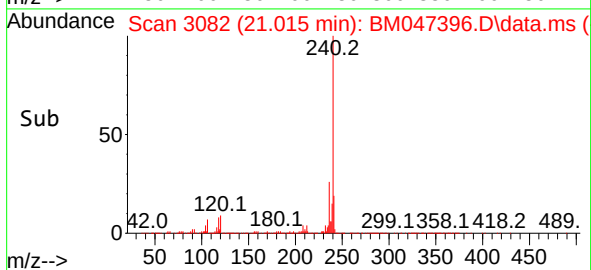
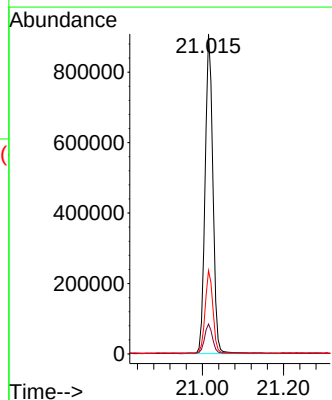
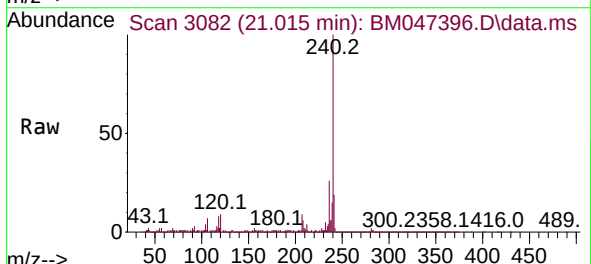
Tgt Ion:240 Resp: 1203823

Ion Ratio Lower Upper

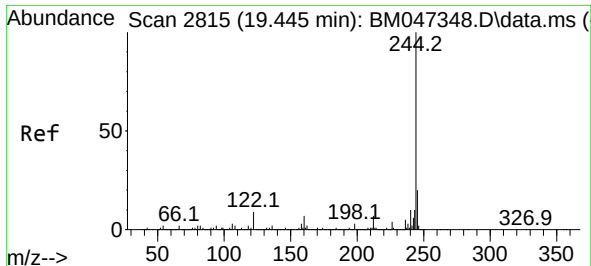
240 100

120 9.4 7.4 11.0

236 26.0 20.8 31.2



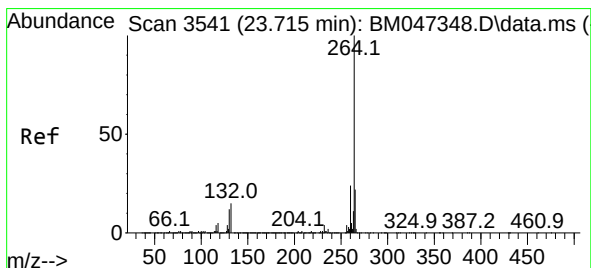
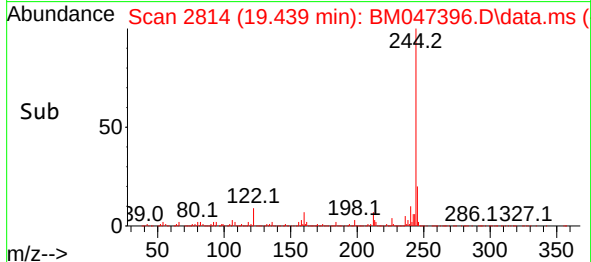
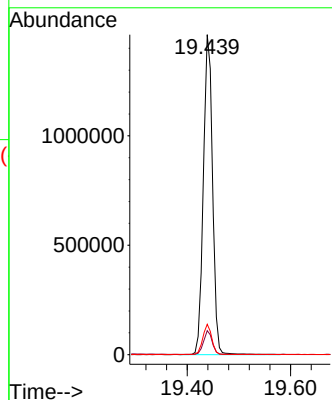
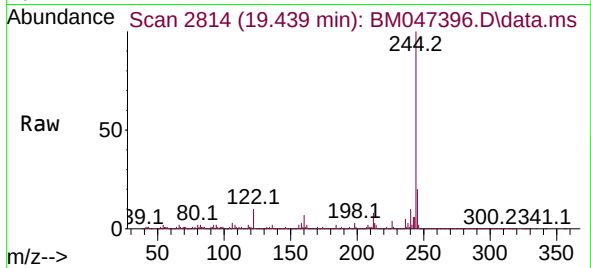




#79  
Terphenyl-d14  
Concen: 26.614 ng  
RT: 19.439 min Scan# 2814  
Delta R.T. -0.006 min  
Lab File: BM047396.D  
Acq: 29 Aug 2024 16:26

Instrument :  
BNA\_M  
ClientSampleId :  
AU-06-082824

Tgt Ion:244 Resp: 1799969  
Ion Ratio Lower Upper  
244 100  
212 7.5 6.0 9.0  
122 9.5 7.0 10.4



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.715 min Scan# 3541  
Delta R.T. -0.000 min  
Lab File: BM047396.D  
Acq: 29 Aug 2024 16:26

Tgt Ion:264 Resp: 1381799  
Ion Ratio Lower Upper  
264 100  
260 23.3 19.0 28.4  
265 22.4 17.8 26.6

