

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080923\  
 Data File : BM041345.D  
 Acq On : 09 Aug 2023 18:31  
 Operator : MA/JU  
 Sample : 03905-02  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 FLY-ASH

Quant Time: Aug 09 19:01:50 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 09 12:20:12 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.781  | 152  | 103237   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.586 | 136  | 385577   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.445 | 164  | 234114   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.209 | 188  | 500111   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.415 | 240  | 456665   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 23.785 | 264  | 520111   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.357  | 112  | 676733   | 97.972  | ng    | 0.00     |
| 7) Phenol-d6                | 6.969  | 99   | 668939   | 74.711  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.957  | 82   | 610609   | 73.646  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.951 | 330  | 406894   | 122.876 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.063 | 172  | 1390903  | 75.051  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.845 | 244  | 2303474  | 91.200  | ng    | 0.00     |

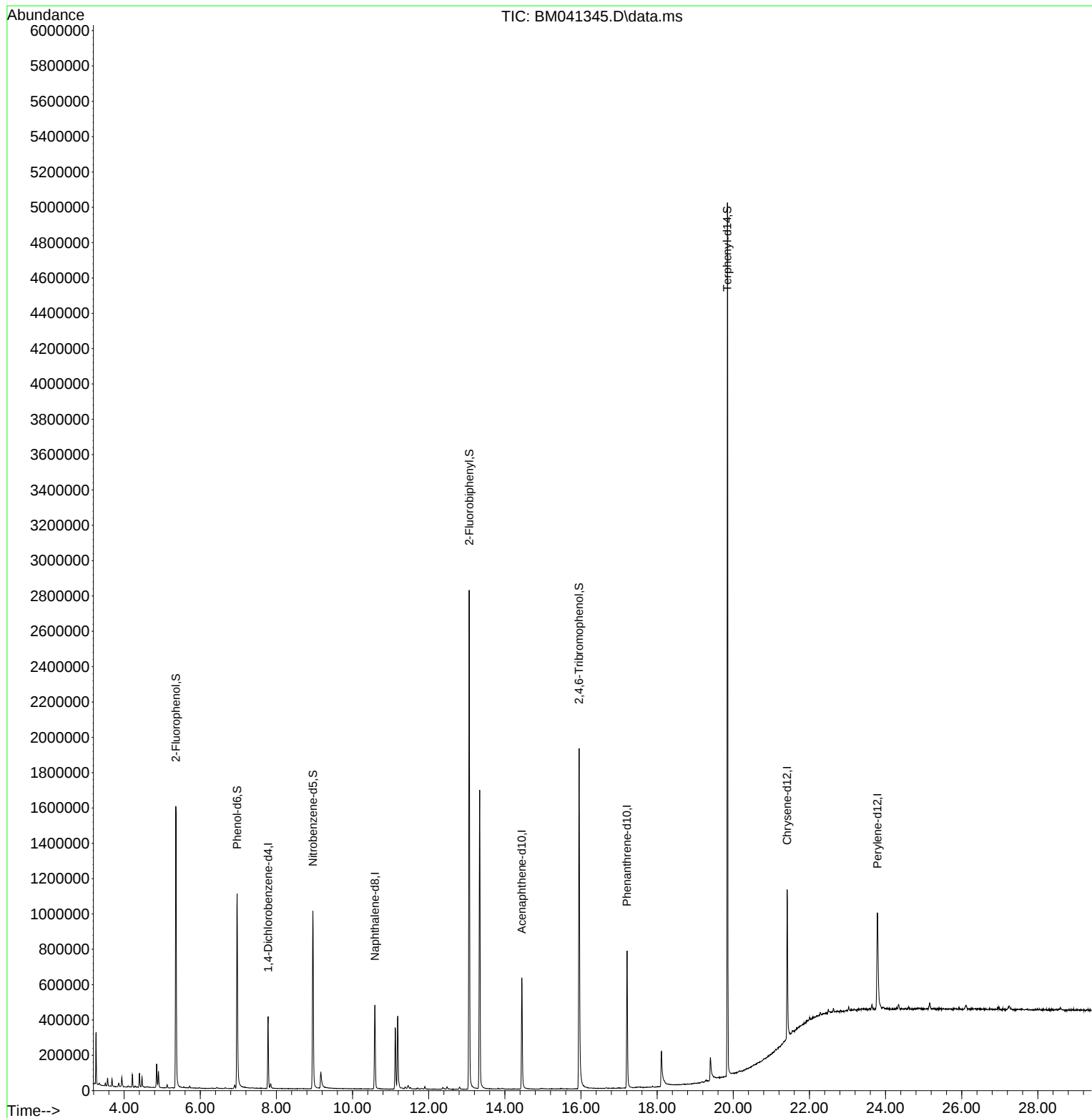
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

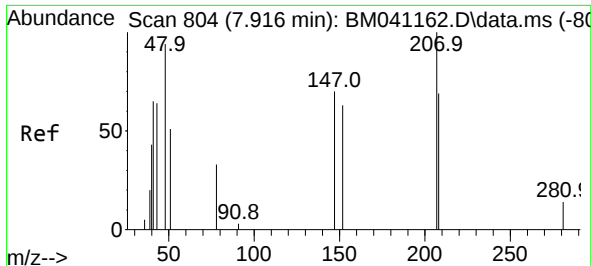
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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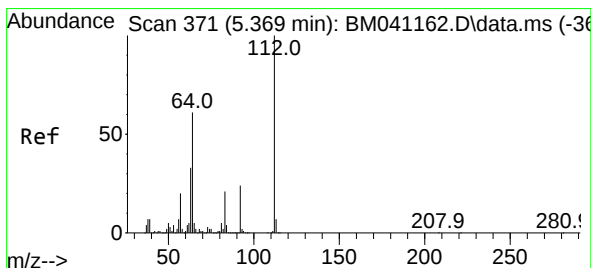
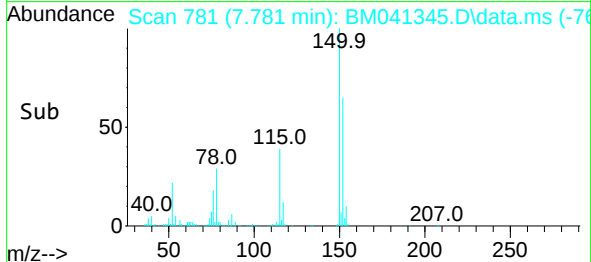
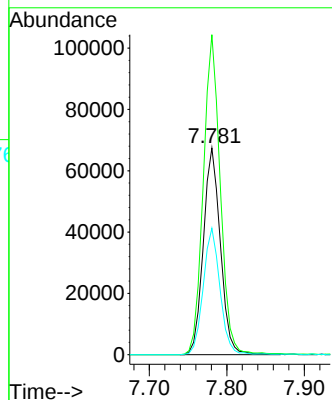
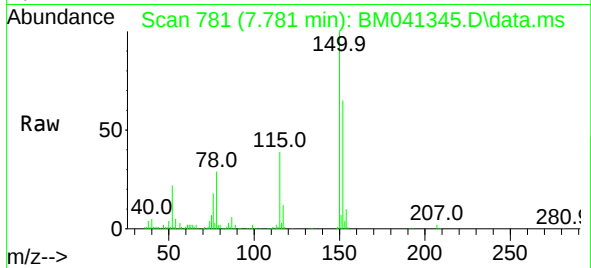




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.781 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: BM041345.D  
Acq: 09 Aug 2023 18:31

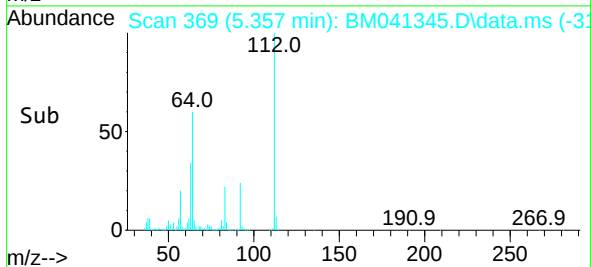
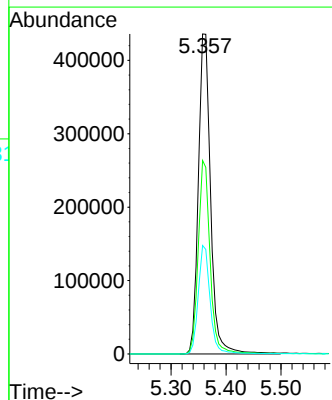
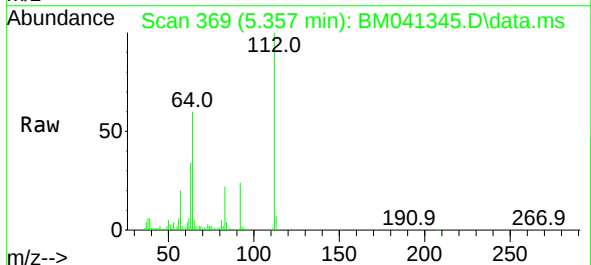
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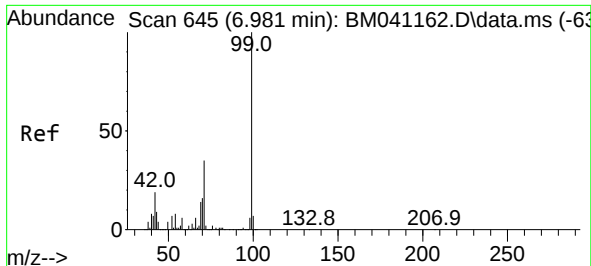
Tgt Ion:152 Resp: 103237  
Ion Ratio Lower Upper  
152 100  
150 154.8 125.5 188.3  
115 61.2 48.0 72.0



#5  
2-Fluorophenol  
Concen: 97.972 ng  
RT: 5.357 min Scan# 369  
Delta R.T. -0.000 min  
Lab File: BM041345.D  
Acq: 09 Aug 2023 18:31

Tgt Ion:112 Resp: 676733  
Ion Ratio Lower Upper  
112 100  
64 60.5 48.5 72.7  
63 33.9 26.5 39.7

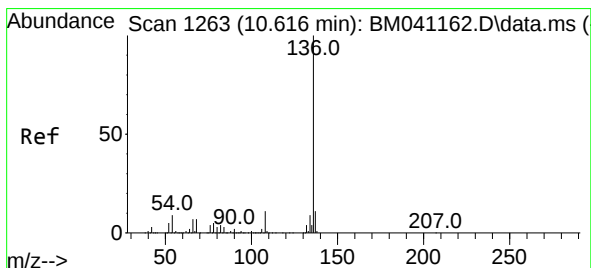
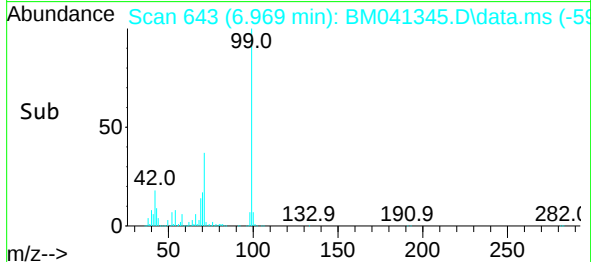
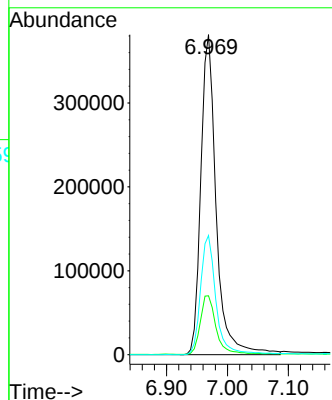
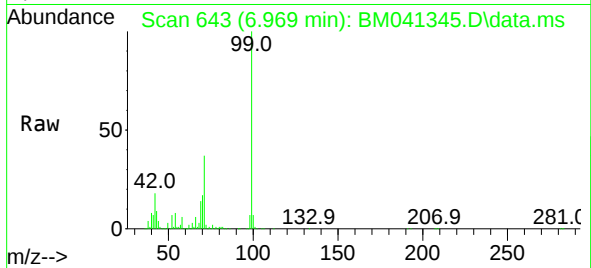




#7  
Phenol-d6  
Concen: 74.711 ng  
RT: 6.969 min Scan# 645  
Delta R.T. -0.000 min  
Lab File: BM041345.D  
Acq: 09 Aug 2023 18:31

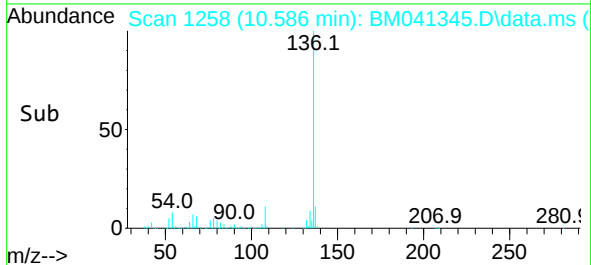
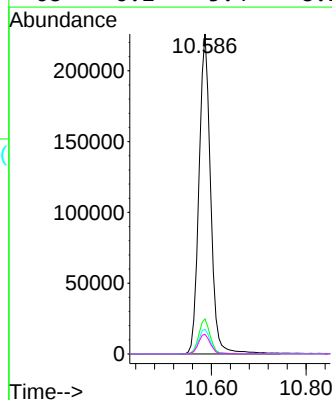
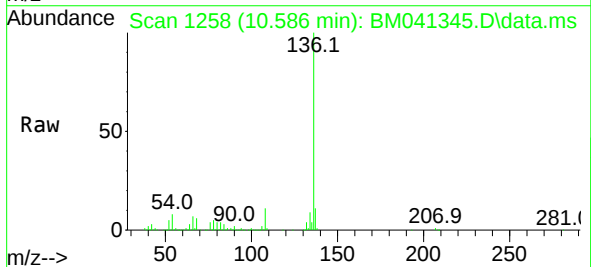
Instrument :  
BNA\_M  
ClientSampleId :  
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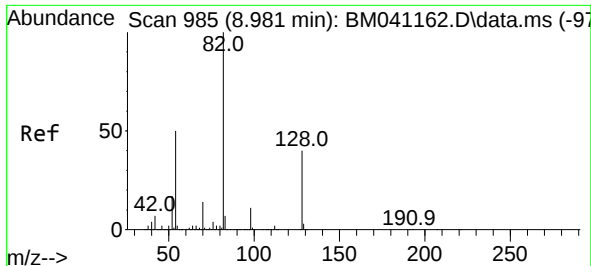
Tgt Ion: 99 Resp: 668939  
Ion Ratio Lower Upper  
99 100  
42 18.4 15.4 23.0  
71 37.3 28.2 42.4



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.586 min Scan# 1258  
Delta R.T. -0.000 min  
Lab File: BM041345.D  
Acq: 09 Aug 2023 18:31

Tgt Ion: 136 Resp: 385577  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.8 13.2  
54 7.7 6.9 10.3  
68 6.2 5.4 8.2

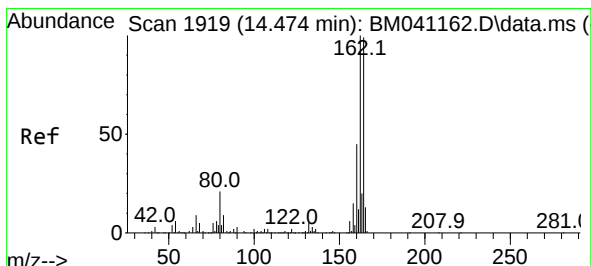
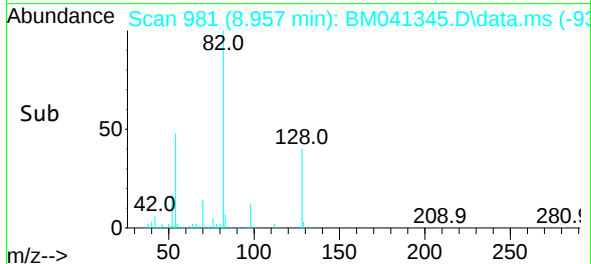
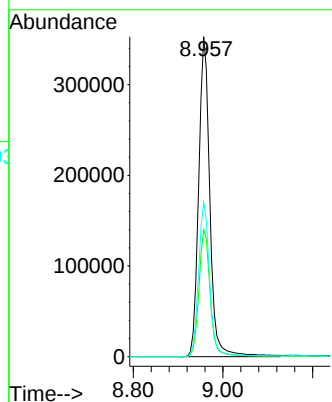
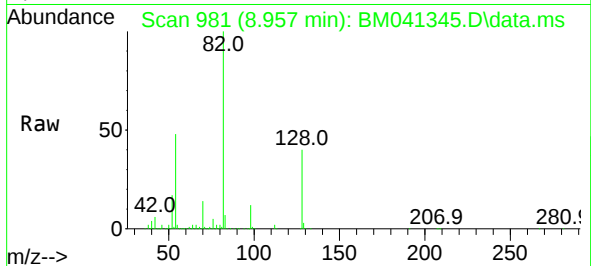




#23  
Nitrobenzene-d5  
Concen: 73.646 ng  
RT: 8.957 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: BM041345.D  
Acq: 09 Aug 2023 18:31

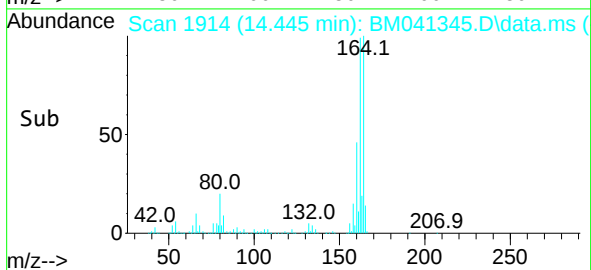
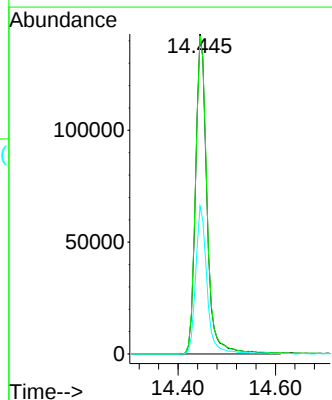
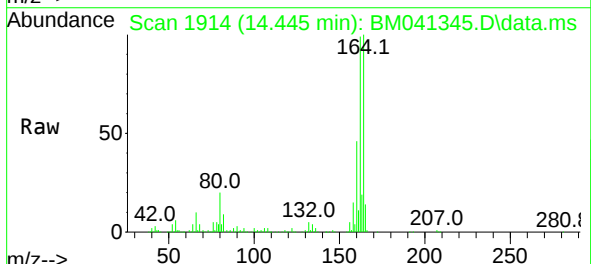
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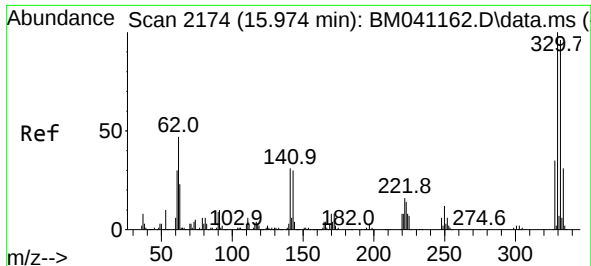
Tgt Ion: 82 Resp: 610609  
Ion Ratio Lower Upper  
82 100  
128 39.7 31.8 47.6  
54 48.2 40.1 60.1



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.445 min Scan# 1914  
Delta R.T. -0.000 min  
Lab File: BM041345.D  
Acq: 09 Aug 2023 18:31

Tgt Ion: 164 Resp: 234114  
Ion Ratio Lower Upper  
164 100  
162 99.4 80.4 120.6  
160 46.1 36.2 54.2

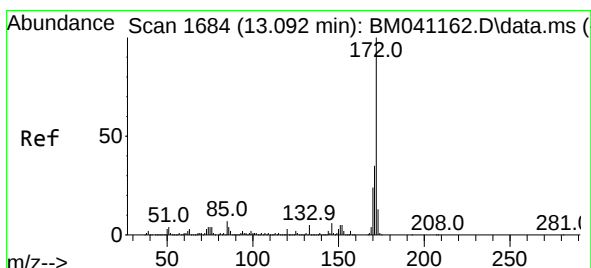
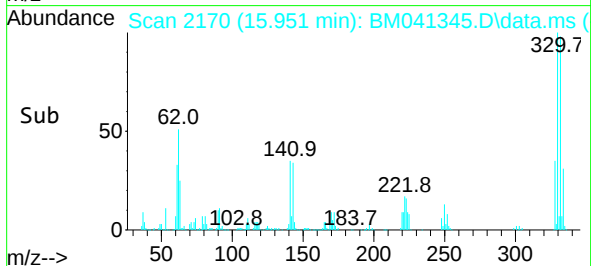
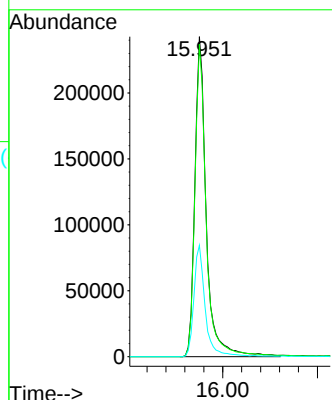
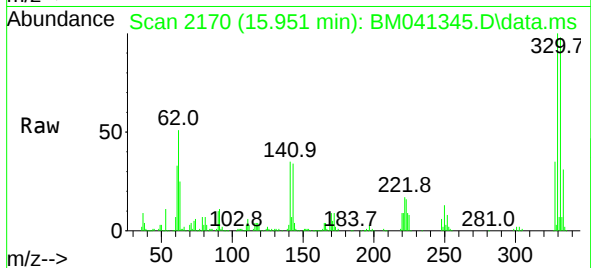




#42  
2,4,6-Tribromophenol  
Concen: 122.876 ng  
RT: 15.951 min Scan# 2174  
Delta R.T. -0.000 min  
Lab File: BM041345.D  
Acq: 09 Aug 2023 18:31

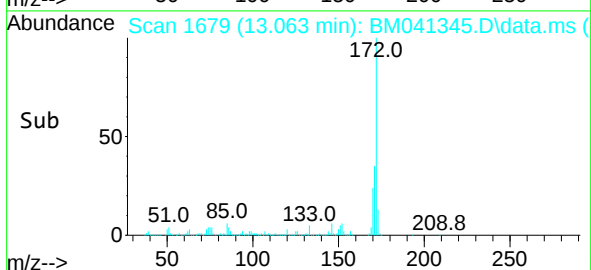
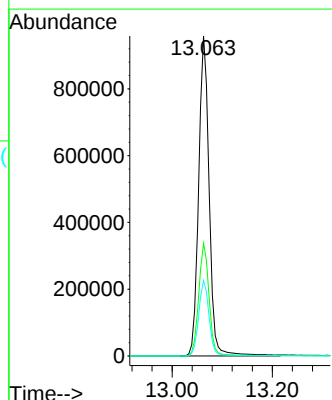
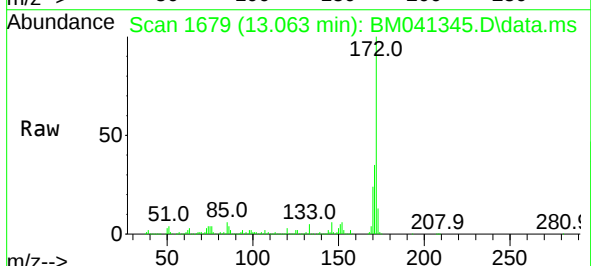
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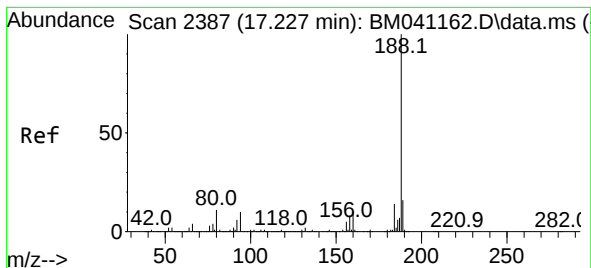
Tgt Ion:330 Resp: 406894  
Ion Ratio Lower Upper  
330 100  
332 97.4 77.7 116.5  
141 34.7 28.3 42.5



#45  
2-Fluorobiphenyl  
Concen: 75.051 ng  
RT: 13.063 min Scan# 1679  
Delta R.T. -0.000 min  
Lab File: BM041345.D  
Acq: 09 Aug 2023 18:31

Tgt Ion:172 Resp: 1390903  
Ion Ratio Lower Upper  
172 100  
171 35.2 28.1 42.1  
170 23.6 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.209 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM041345.D

Acq: 09 Aug 2023 18:31

Instrument :

BNA\_M

ClientSampleId :

FLY-ASH

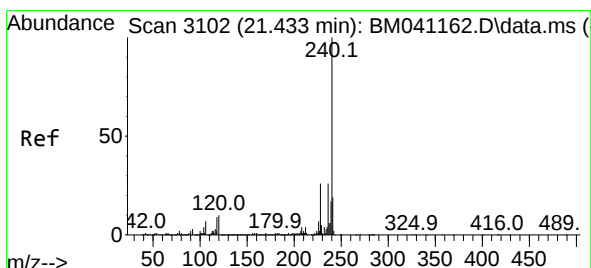
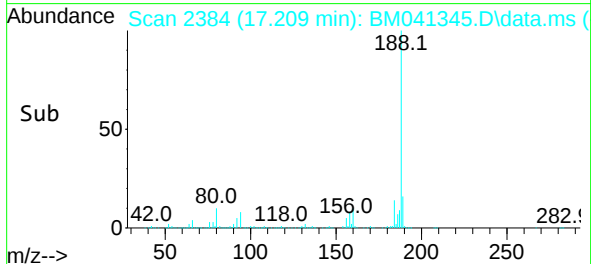
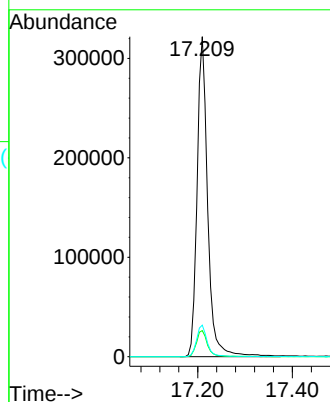
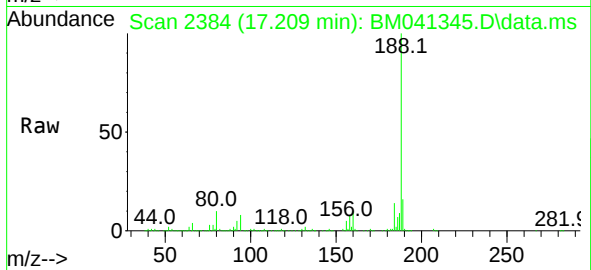
Tgt Ion:188 Resp: 500111

Ion Ratio Lower Upper

188 100

94 8.2 8.2 12.2

80 9.8 8.6 13.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.415 min Scan# 3099

Delta R.T. -0.000 min

Lab File: BM041345.D

Acq: 09 Aug 2023 18:31

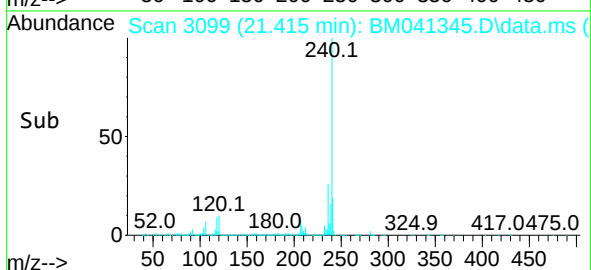
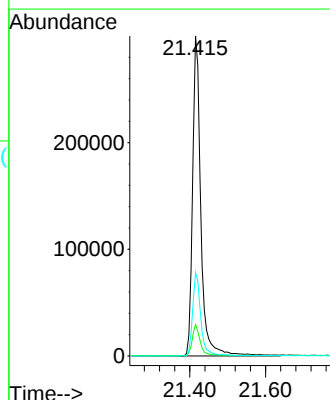
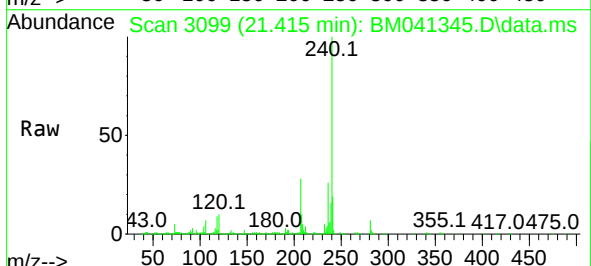
Tgt Ion:240 Resp: 456665

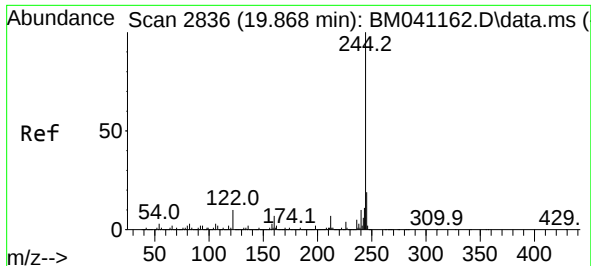
Ion Ratio Lower Upper

240 100

120 9.8 8.3 12.5

236 26.1 20.6 30.8

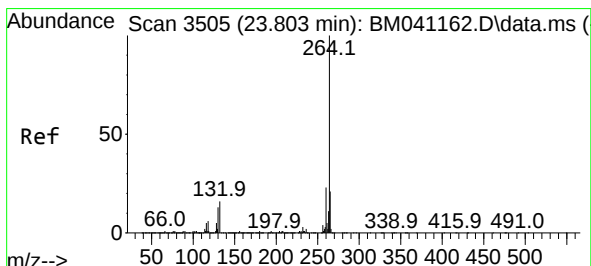
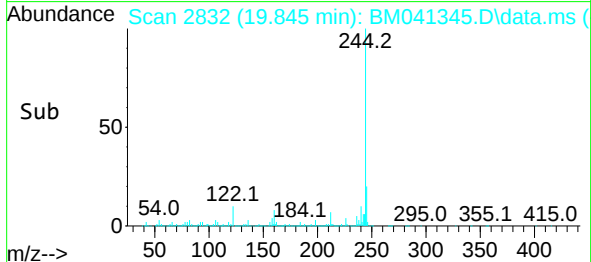
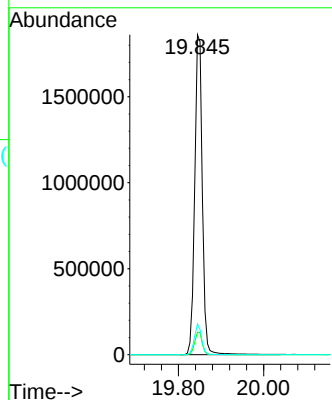
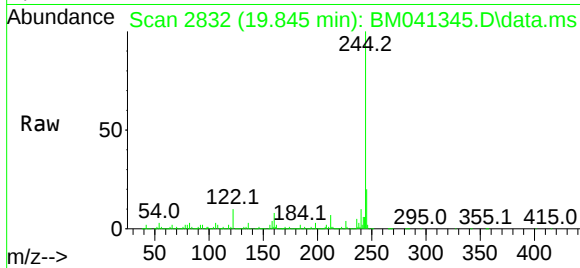




#79  
 Terphenyl-d14  
 Concen: 91.200 ng  
 RT: 19.845 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BM041345.D  
 Acq: 09 Aug 2023 18:31

Instrument :  
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 FLY-ASH

Tgt Ion:244 Resp: 2303474  
 Ion Ratio Lower Upper  
 244 100  
 212 7.1 5.4 8.2  
 122 9.6 7.8 11.6



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.785 min Scan# 3502  
 Delta R.T. 0.006 min  
 Lab File: BM041345.D  
 Acq: 09 Aug 2023 18:31

Tgt Ion:264 Resp: 520111  
 Ion Ratio Lower Upper  
 264 100  
 260 23.1 18.5 27.7  
 265 22.6 17.4 26.0

