

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM051922\  
 Data File : BM035152.D  
 Acq On : 19 May 2022 14:24  
 Operator : CG/JU  
 Sample : PB144931BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB144931BL

Quant Time: May 20 04:55:32 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM042722.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 20 04:53:59 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.904  | 152  | 173416   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.704 | 136  | 669073   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.539 | 164  | 383483   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.286 | 188  | 692635   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.468 | 240  | 508609   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 23.856 | 264  | 472288   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.481  | 112  | 1439252  | 146.420 | ng    | 0.00     |
| 7) Phenol-d6                | 7.075  | 99   | 1765453  | 139.127 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.063  | 82   | 1176393  | 94.948  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.027 | 330  | 549585   | 131.747 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.169 | 172  | 2521727  | 95.460  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.909 | 244  | 2878326  | 109.574 | ng    | 0.00     |

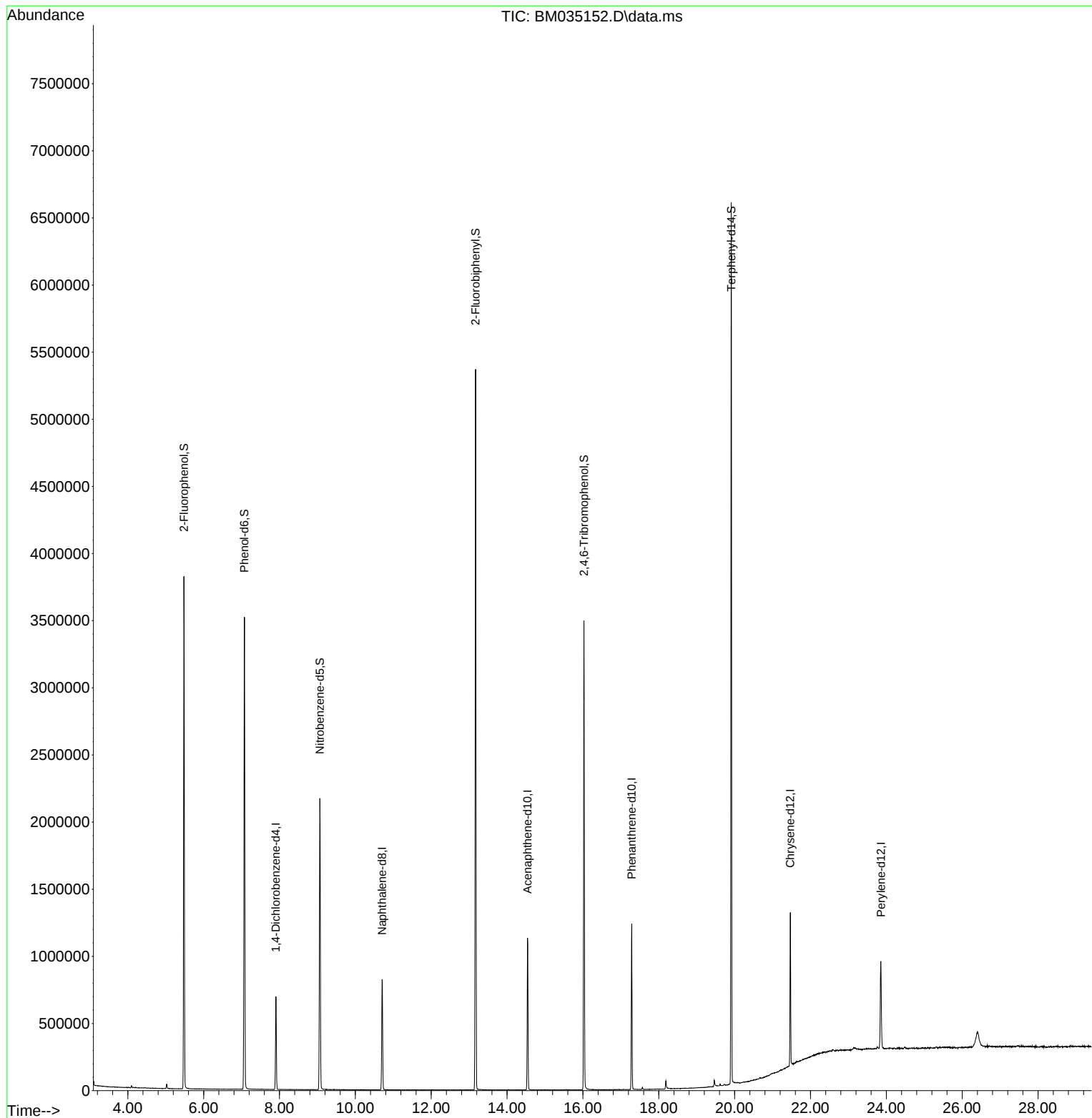
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

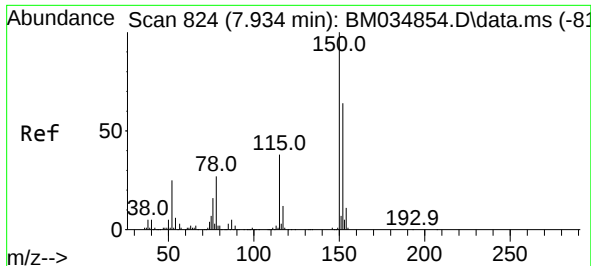
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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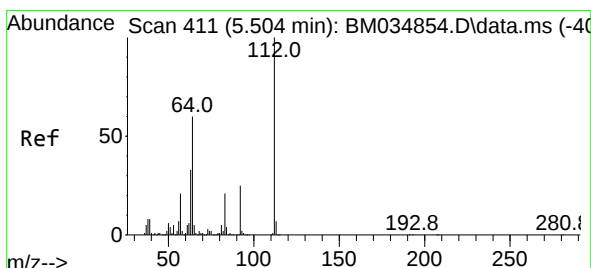
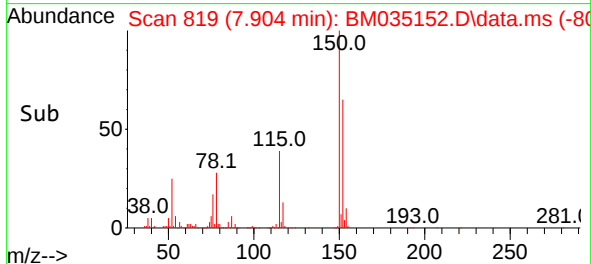
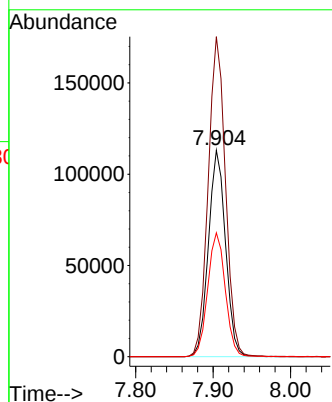
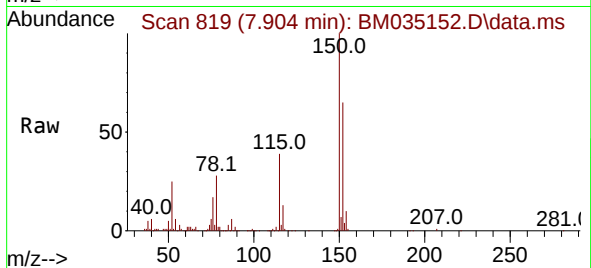




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.904 min Scan# 81  
 Delta R.T. 0.000 min  
 Lab File: BM035152.D  
 Acq: 19 May 2022 14:24

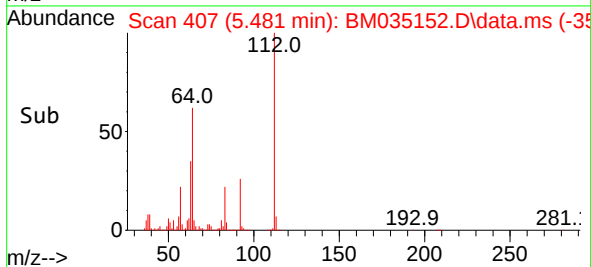
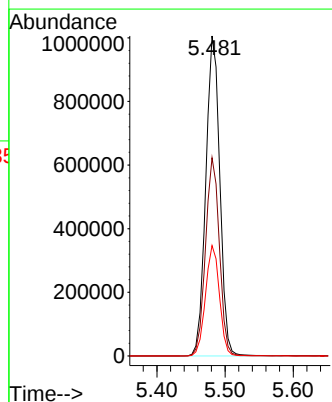
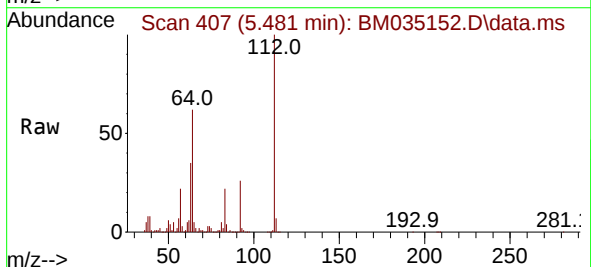
Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB144931BL

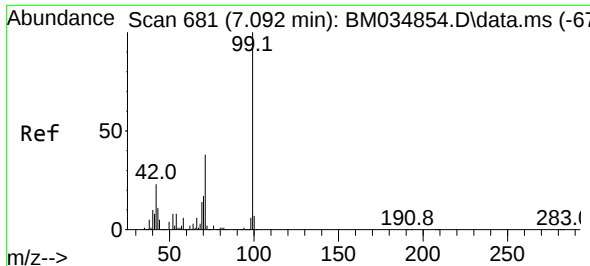
Tgt Ion:152 Resp: 173416  
 Ion Ratio Lower Upper  
 152 100  
 150 155.0 124.9 187.3  
 115 60.0 47.9 71.9



#5  
 2-Fluorophenol  
 Concen: 146.420 ng  
 RT: 5.481 min Scan# 407  
 Delta R.T. -0.000 min  
 Lab File: BM035152.D  
 Acq: 19 May 2022 14:24

Tgt Ion:112 Resp: 1439252  
 Ion Ratio Lower Upper  
 112 100  
 64 62.0 47.8 71.6  
 63 34.5 26.6 40.0



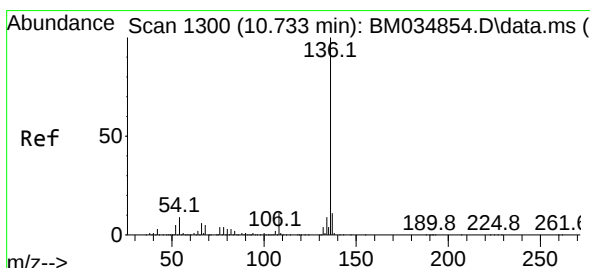
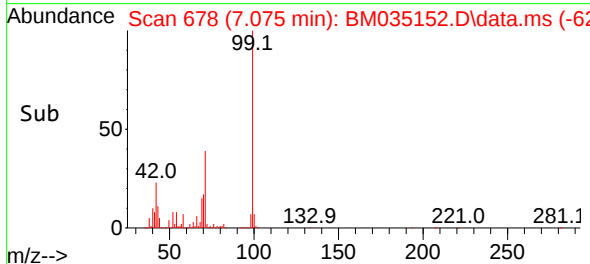
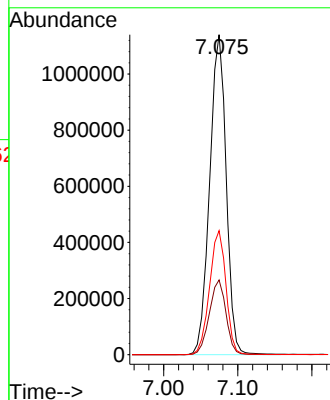
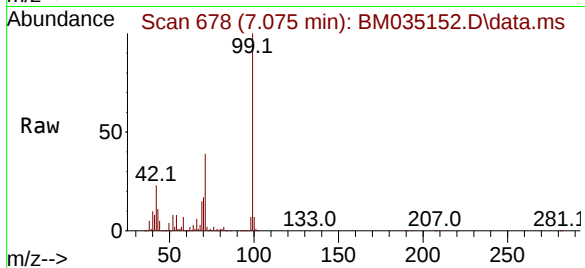


#7  
Phenol-d6  
Concen: 139.127 ng  
RT: 7.075 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BM035152.D  
Acq: 19 May 2022 14:24

Instrument :  
BNA\_M  
ClientSampleId :  
PB144931BL

Tgt Ion: 99 Resp: 1765453

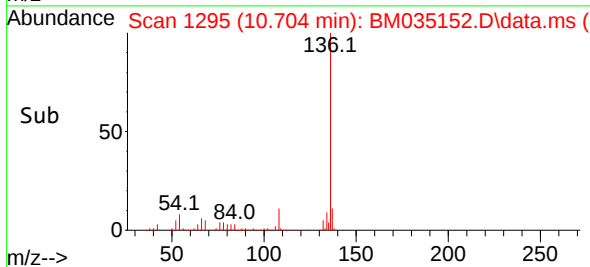
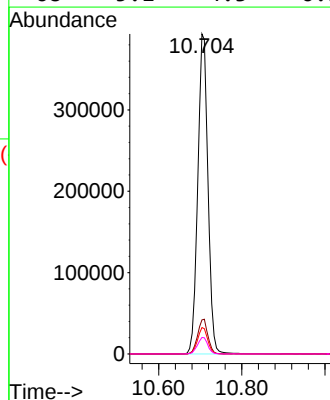
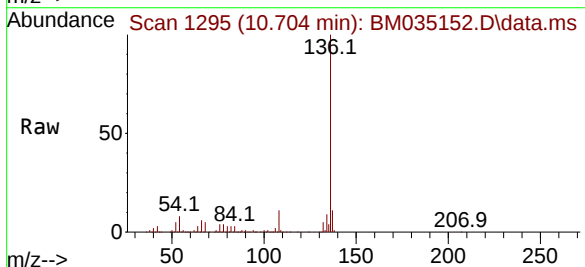
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 23.3  | 18.8  | 28.2  |
| 71  | 38.8  | 30.2  | 45.2  |



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.704 min Scan# 1295  
Delta R.T. -0.006 min  
Lab File: BM035152.D  
Acq: 19 May 2022 14:24

Tgt Ion: 136 Resp: 669073

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.7  | 8.9   | 13.3  |
| 54  | 8.2   | 7.0   | 10.4  |
| 68  | 5.1   | 4.3   | 6.5   |

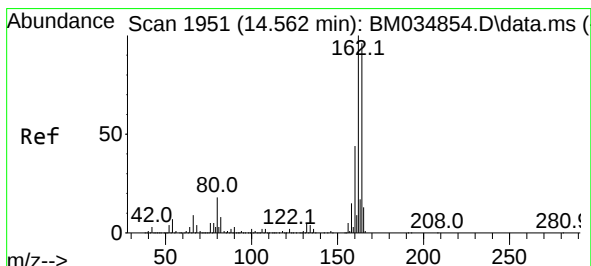
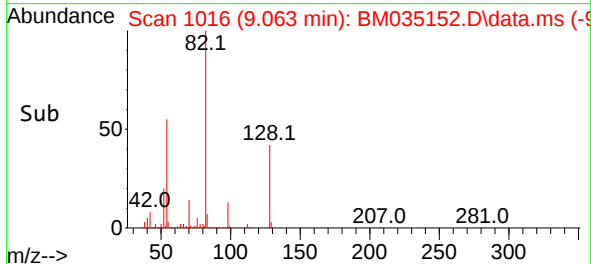
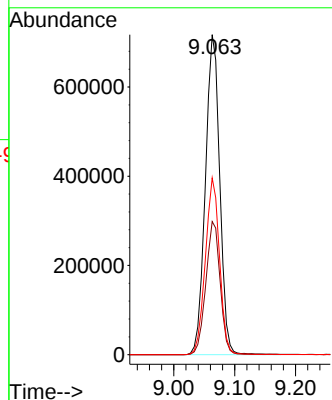
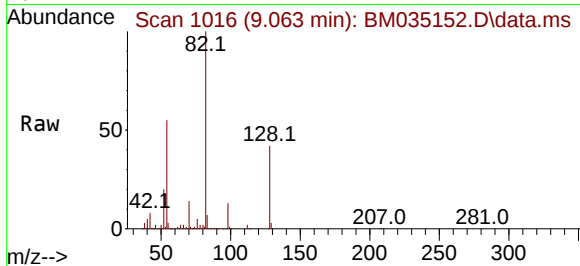




#23  
Nitrobenzene-d5  
Concen: 94.948 ng  
RT: 9.063 min Scan# 1016  
Delta R.T. -0.000 min  
Lab File: BM035152.D  
Acq: 19 May 2022 14:24

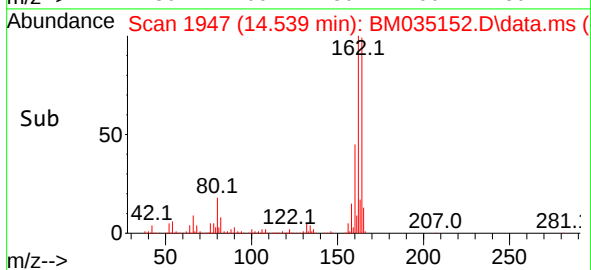
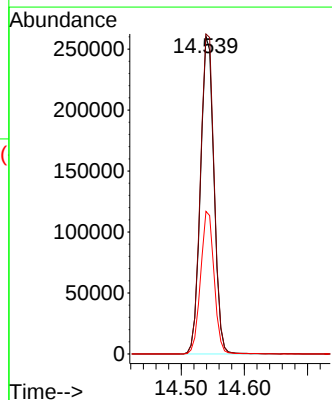
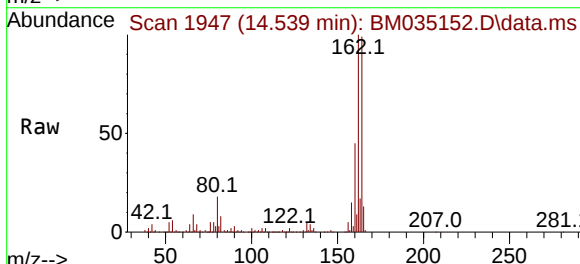
Instrument :  
BNA\_M  
ClientSampleId :  
PB144931BL

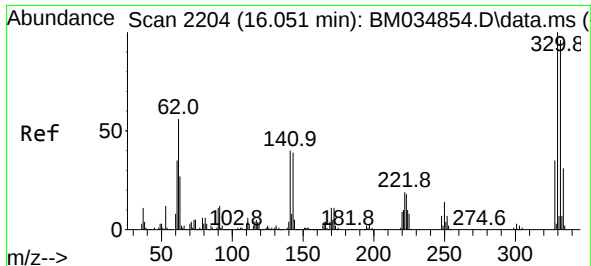
Tgt Ion: 82 Resp: 1176393  
Ion Ratio Lower Upper  
82 100  
128 41.6 33.7 50.5  
54 55.3 43.2 64.8



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.539 min Scan# 1947  
Delta R.T. -0.006 min  
Lab File: BM035152.D  
Acq: 19 May 2022 14:24

Tgt Ion: 164 Resp: 383483  
Ion Ratio Lower Upper  
164 100  
162 100.8 83.0 124.6  
160 44.9 37.0 55.4

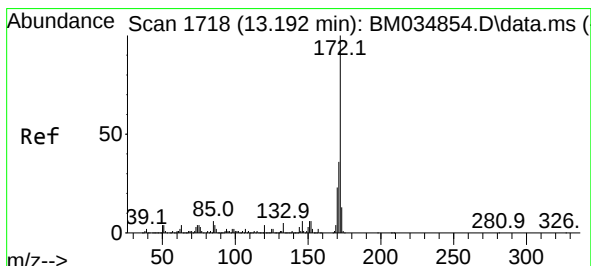
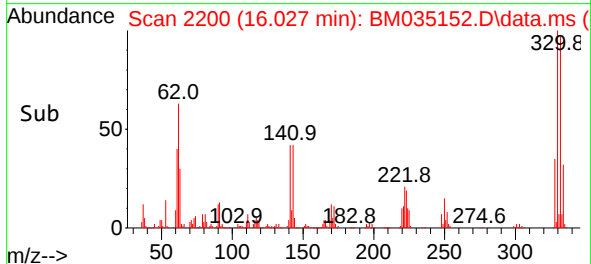
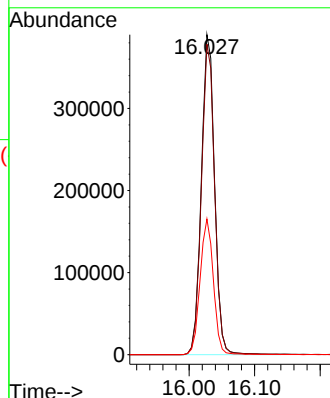
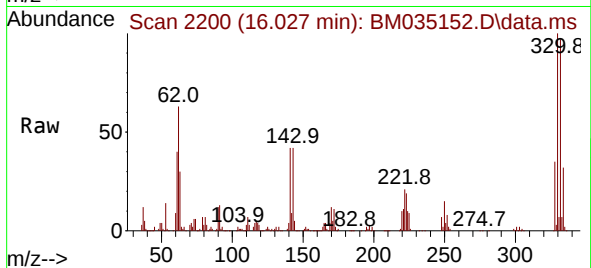




#42  
2,4,6-Tribromophenol  
Concen: 131.747 ng  
RT: 16.027 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BM035152.D  
Acq: 19 May 2022 14:24

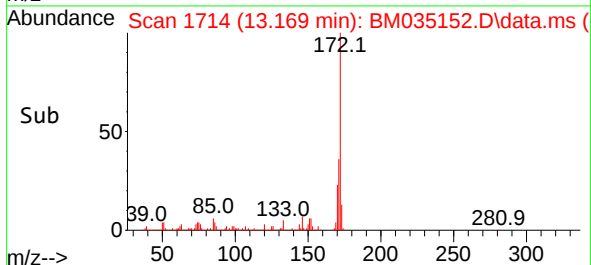
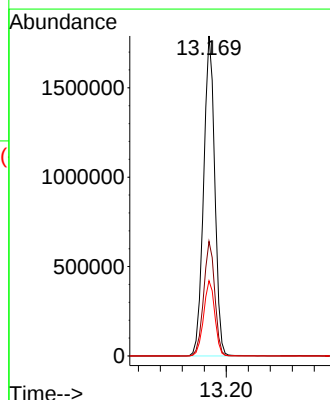
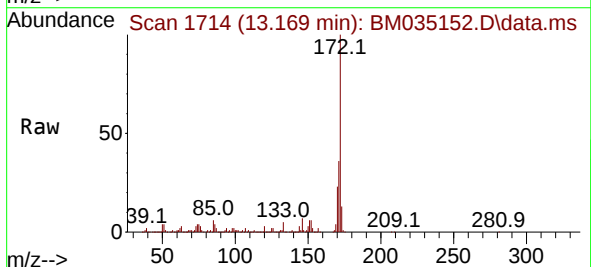
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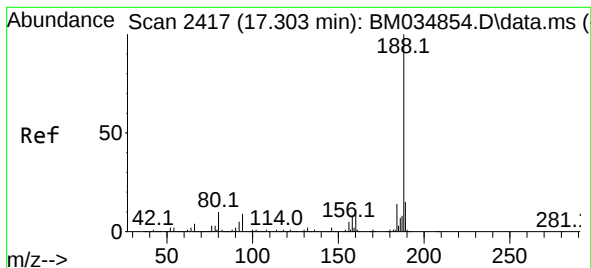
Tgt Ion:330 Resp: 549585  
Ion Ratio Lower Upper  
330 100  
332 96.9 77.0 115.4  
141 42.6 35.3 52.9



#45  
2-Fluorobiphenyl  
Concen: 95.460 ng  
RT: 13.169 min Scan# 1714  
Delta R.T. -0.000 min  
Lab File: BM035152.D  
Acq: 19 May 2022 14:24

Tgt Ion:172 Resp: 2521727  
Ion Ratio Lower Upper  
172 100  
171 35.8 28.5 42.7  
170 23.5 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.286 min Scan# 2414

Delta R.T. -0.000 min

Lab File: BM035152.D

Acq: 19 May 2022 14:24

Instrument :

BNA\_M

ClientSampleId :

PB144931BL

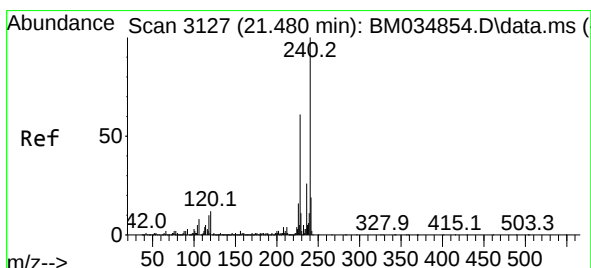
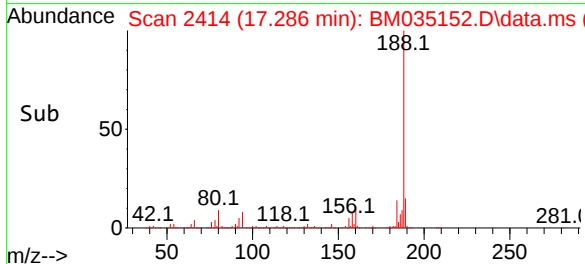
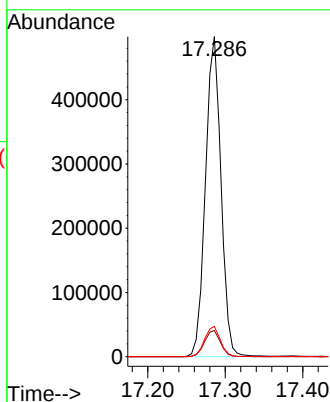
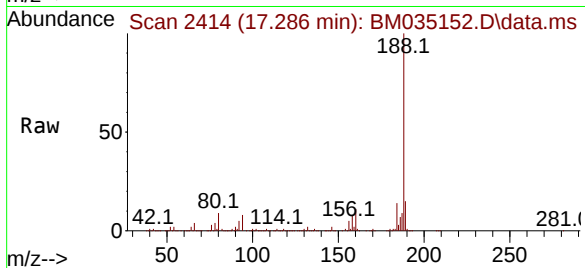
Tgt Ion:188 Resp: 692635

Ion Ratio Lower Upper

188 100

94 8.2 7.0 10.4

80 9.5 7.6 11.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.468 min Scan# 3125

Delta R.T. -0.006 min

Lab File: BM035152.D

Acq: 19 May 2022 14:24

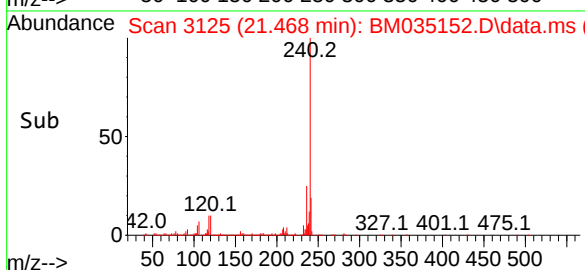
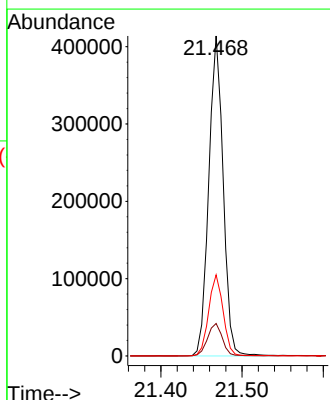
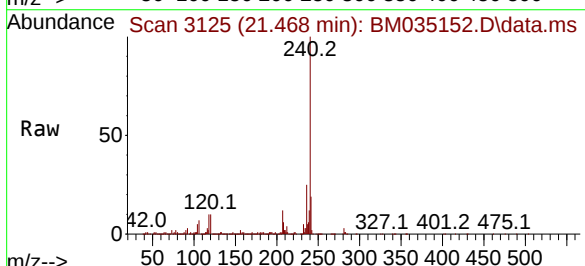
Tgt Ion:240 Resp: 508609

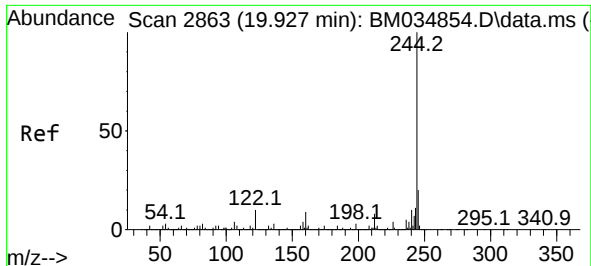
Ion Ratio Lower Upper

240 100

120 10.2 9.4 14.0

236 25.4 20.6 30.8

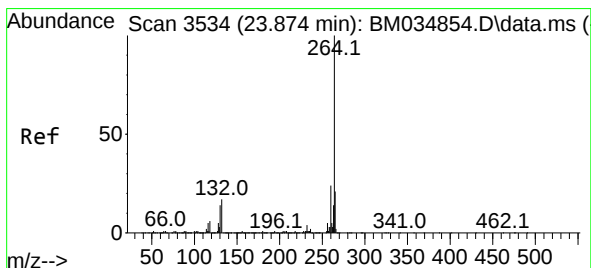
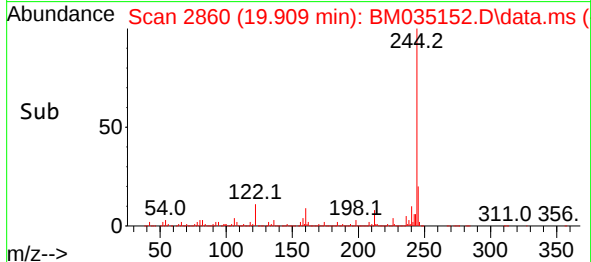
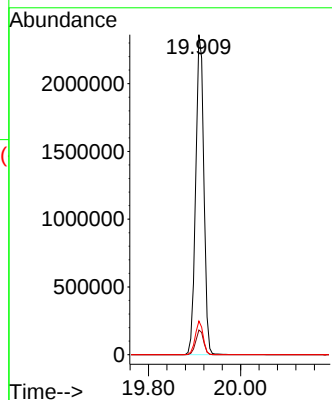
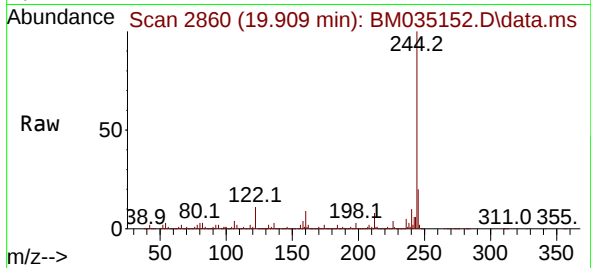




#79  
 Terphenyl-d14  
 Concen: 109.574 ng  
 RT: 19.909 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BM035152.D  
 Acq: 19 May 2022 14:24

Instrument :  
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 PB144931BL

Tgt Ion:244 Resp: 2878326  
 Ion Ratio Lower Upper  
 244 100  
 212 7.7 6.2 9.4  
 122 10.5 8.3 12.5



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.856 min Scan# 3531  
 Delta R.T. -0.000 min  
 Lab File: BM035152.D  
 Acq: 19 May 2022 14:24

Tgt Ion:264 Resp: 472288  
 Ion Ratio Lower Upper  
 264 100  
 260 23.4 18.9 28.3  
 265 22.0 17.5 26.3

