

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM042221\  
 Data File : BM029595.D  
 Acq On : 22 Apr 2021 15:48  
 Operator : CG/JU  
 Sample : PB135915BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB135915BL

Quant Time: Apr 22 16:30:30 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM042121.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Apr 22 15:55:11 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.634  | 152  | 66419    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.410 | 136  | 227795   | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.274 | 164  | 143057   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.021 | 188  | 293618   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.203 | 240  | 270959   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 23.391 | 264  | 304633   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.234  | 112  | 500408   | 151.04 | ng    | 0.00     |
| 7) Phenol-d6                | 6.816  | 99   | 613072   | 123.90 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.786  | 82   | 403447   | 91.22  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.768 | 330  | 251582   | 127.16 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.898 | 172  | 1031393  | 97.85  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.656 | 244  | 1418274  | 99.23  | ng    | 0.00     |

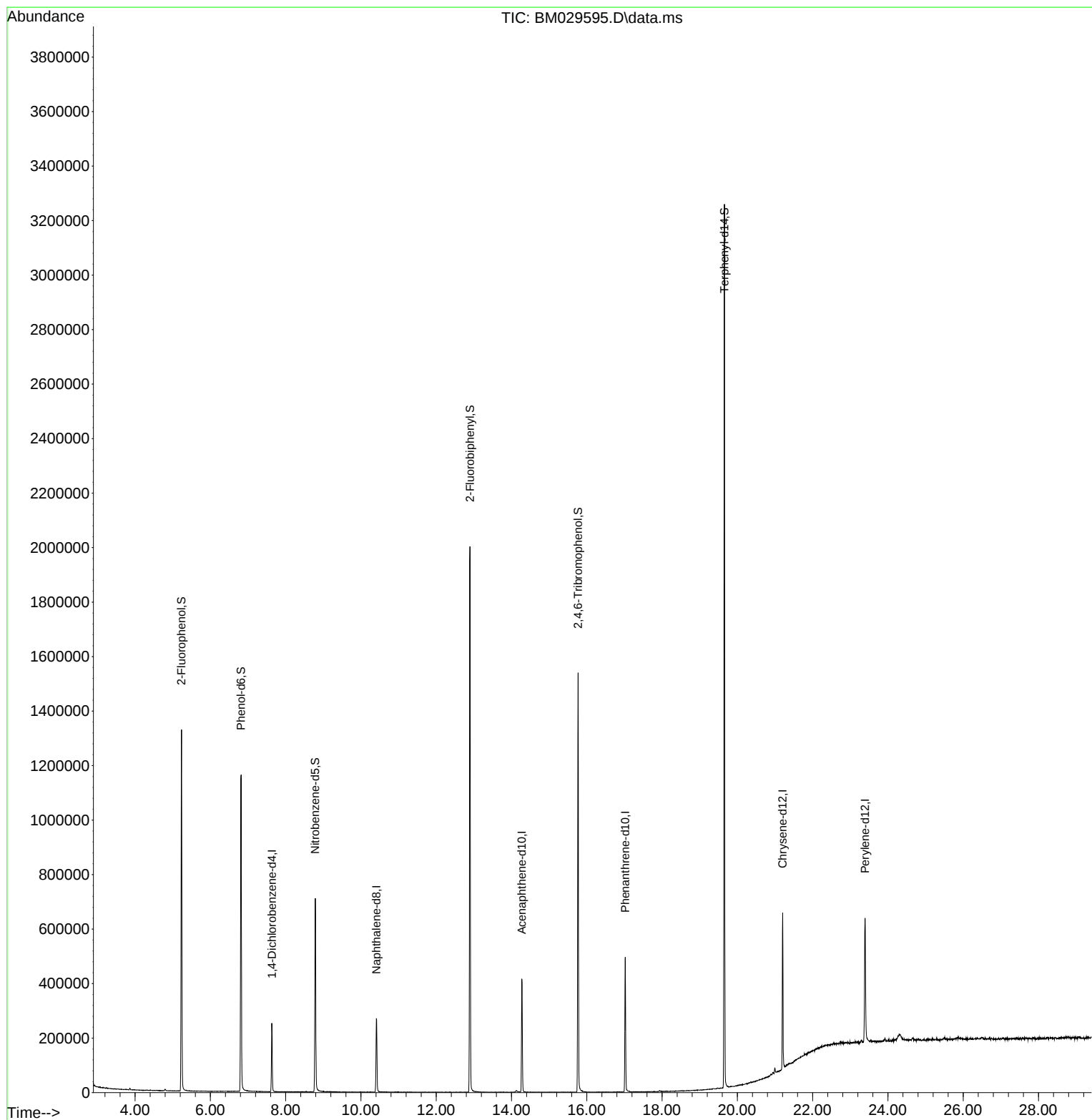
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

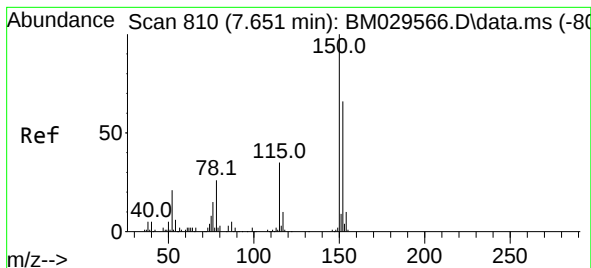
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 3 Sample Multiplier: 1

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Response via : Initial Calibration

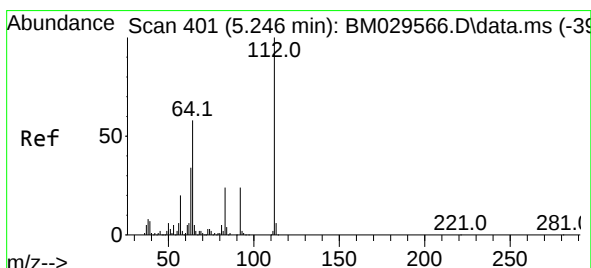
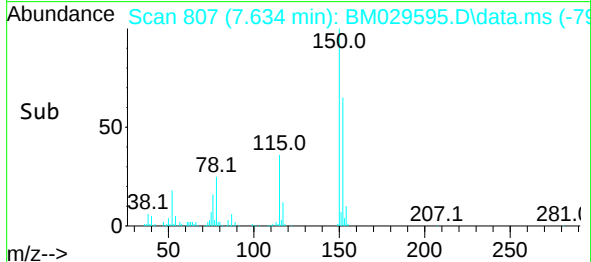
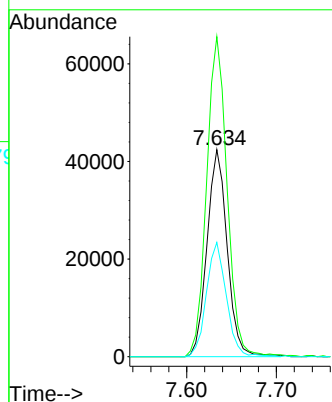
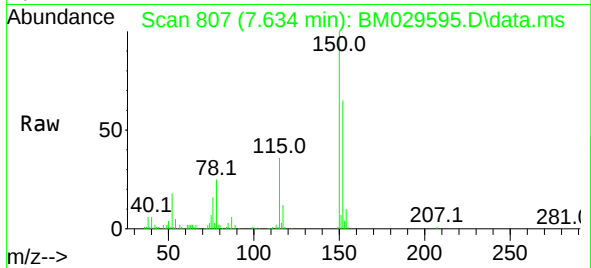




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.634 min Scan# 807  
Delta R.T. -0.000 min  
Lab File: BM029595.D  
Acq: 22 Apr 2021 15:48

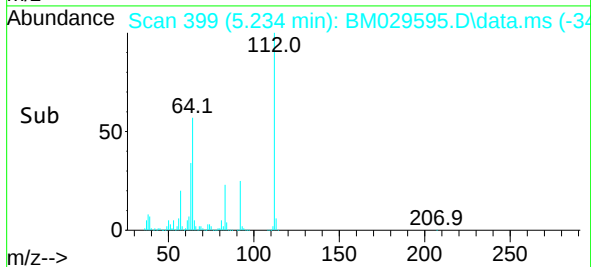
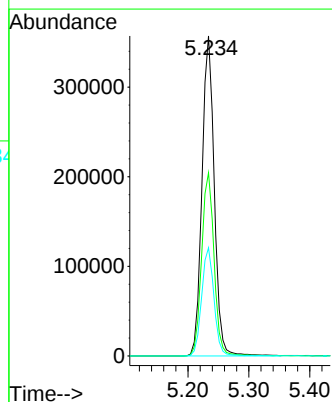
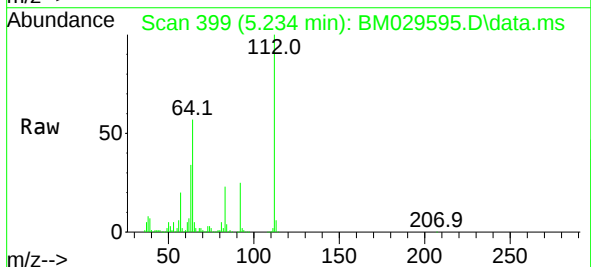
Instrument :  
BNA\_M  
ClientSampleId :  
PB135915BL

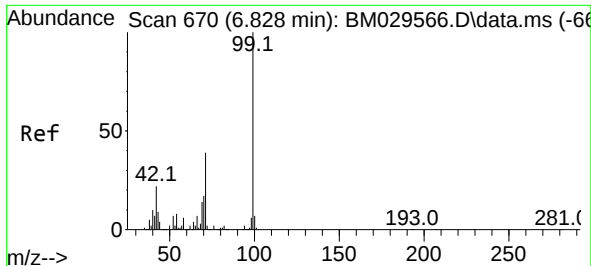
Tgt Ion:152 Resp: 66419  
Ion Ratio Lower Upper  
152 100  
150 154.6 125.9 188.9  
115 55.2 44.6 67.0



#5  
2-Fluorophenol  
Concen: 151.04 ng  
RT: 5.234 min Scan# 399  
Delta R.T. 0.006 min  
Lab File: BM029595.D  
Acq: 22 Apr 2021 15:48

Tgt Ion:112 Resp: 500408  
Ion Ratio Lower Upper  
112 100  
64 57.3 47.1 70.7  
63 33.8 27.3 40.9

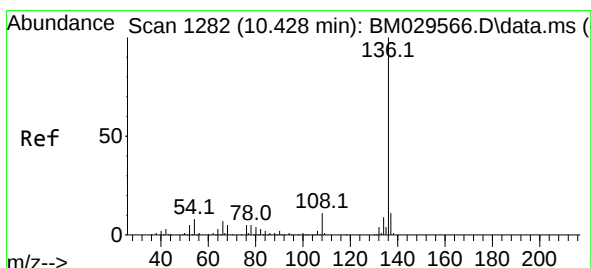
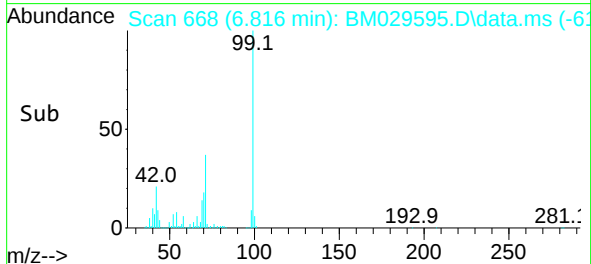
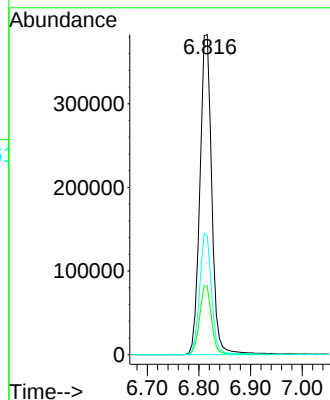
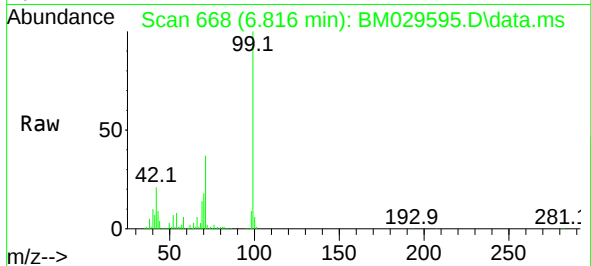




#7  
Phenol-d6  
Concen: 123.90 ng  
RT: 6.816 min Scan# 668  
Delta R.T. 0.006 min  
Lab File: BM029595.D  
Acq: 22 Apr 2021 15:48

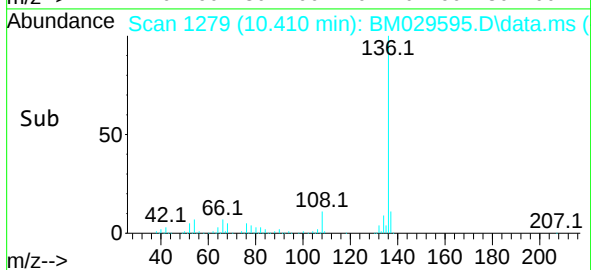
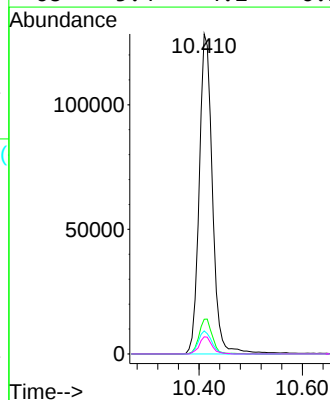
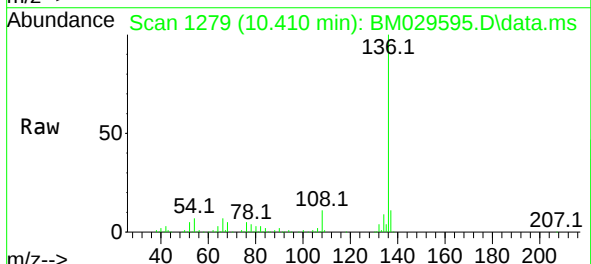
Instrument :  
BNA\_M  
ClientSampleId :  
PB135915BL

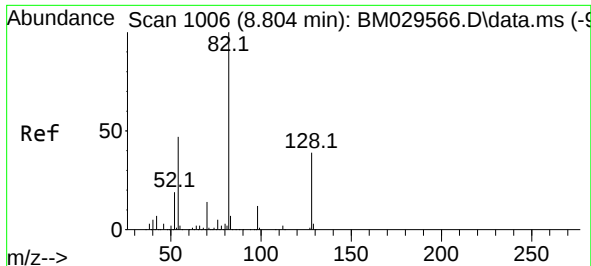
Tgt Ion: 99 Resp: 613072  
Ion Ratio Lower Upper  
99 100  
42 21.5 18.0 27.0  
71 37.3 30.9 46.3



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.410 min Scan# 1279  
Delta R.T. -0.006 min  
Lab File: BM029595.D  
Acq: 22 Apr 2021 15:48

Tgt Ion: 136 Resp: 227795  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.4 12.6  
54 7.2 5.5 8.3  
68 5.4 4.2 6.2

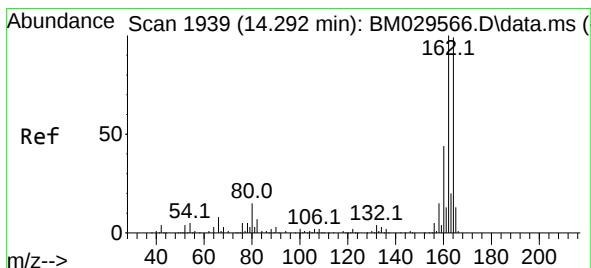
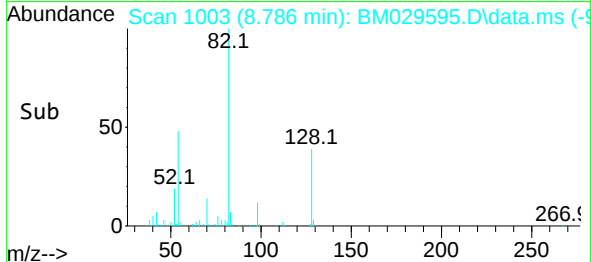
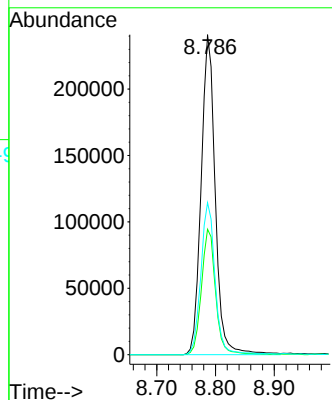
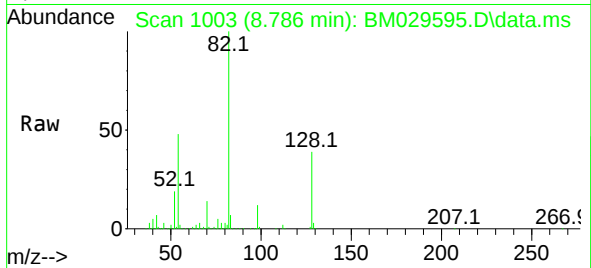




#23  
Nitrobenzene-d5  
Concen: 91.22 ng  
RT: 8.786 min Scan# 1003  
Delta R.T. -0.000 min  
Lab File: BM029595.D  
Acq: 22 Apr 2021 15:48

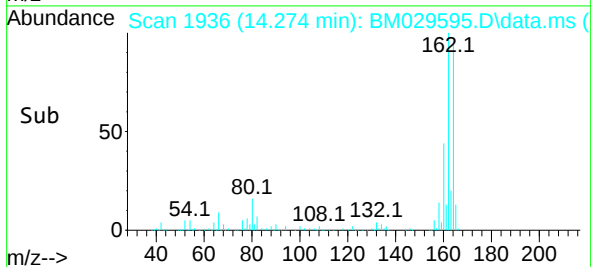
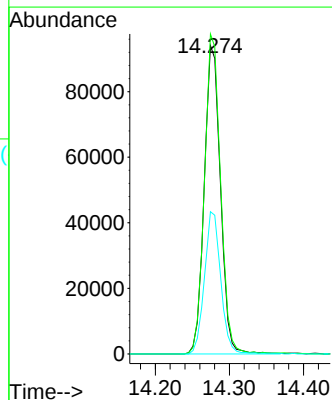
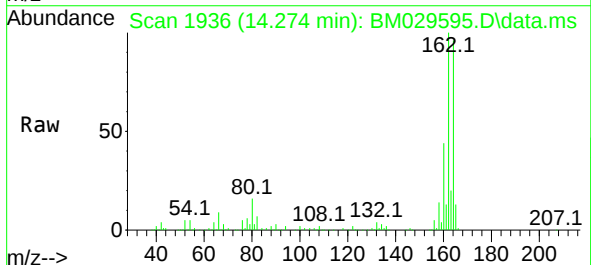
Instrument :  
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ClientSampleId :  
PB135915BL

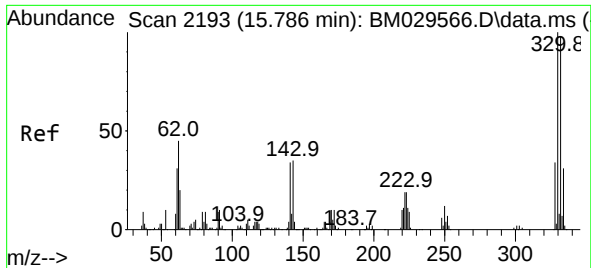
Tgt Ion: 82 Resp: 403447  
Ion Ratio Lower Upper  
82 100  
128 39.2 31.1 46.7  
54 47.5 37.3 55.9



#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.274 min Scan# 1936  
Delta R.T. -0.006 min  
Lab File: BM029595.D  
Acq: 22 Apr 2021 15:48

Tgt Ion:164 Resp: 143057  
Ion Ratio Lower Upper  
164 100  
162 103.8 83.4 125.0  
160 46.1 37.2 55.8

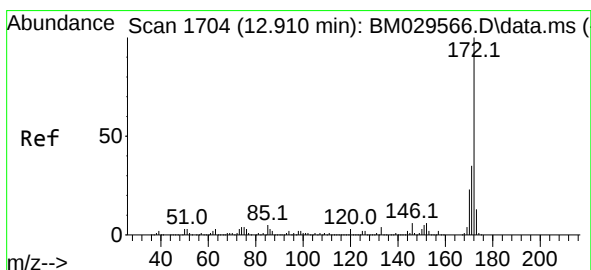
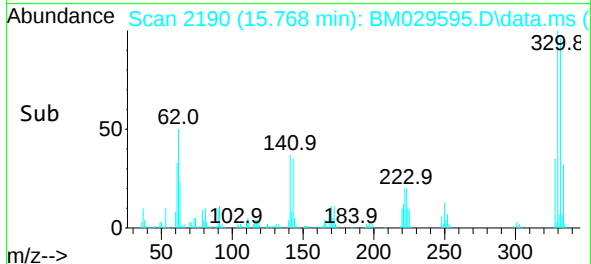
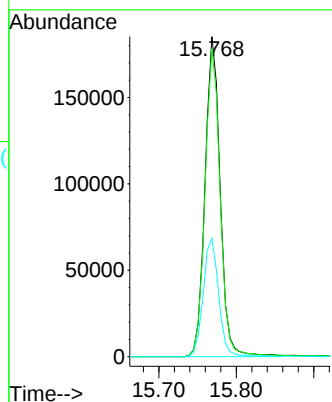
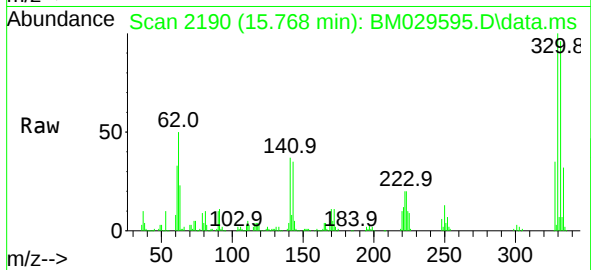




#42  
2,4,6-Tribromophenol  
Concen: 127.16 ng  
RT: 15.768 min Scan# 2190  
Delta R.T. -0.000 min  
Lab File: BM029595.D  
Acq: 22 Apr 2021 15:48

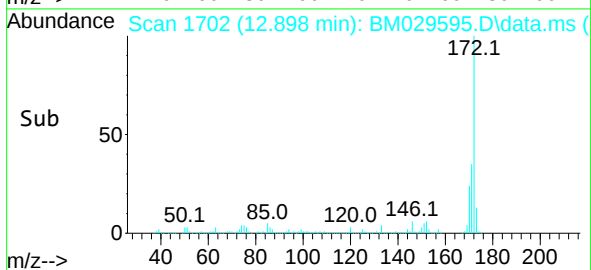
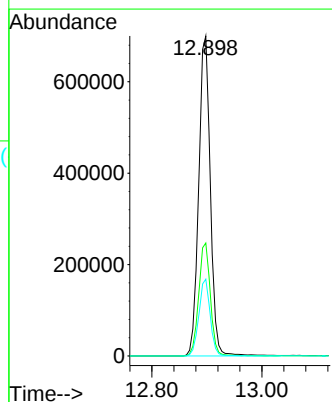
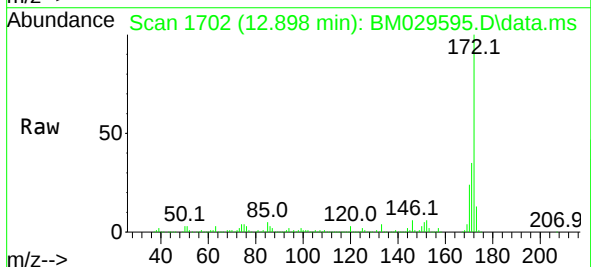
Instrument :  
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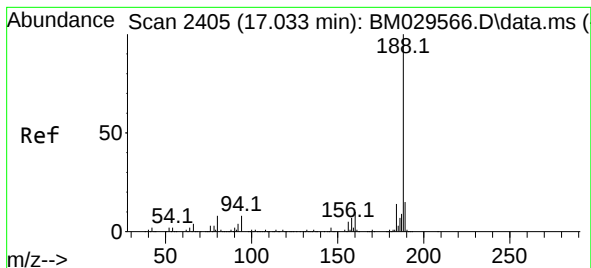
Tgt Ion:330 Resp: 251582  
Ion Ratio Lower Upper  
330 100  
332 96.8 77.0 115.4  
141 37.9 30.2 45.2



#45  
2-Fluorobiphenyl  
Concen: 97.85 ng  
RT: 12.898 min Scan# 1702  
Delta R.T. -0.000 min  
Lab File: BM029595.D  
Acq: 22 Apr 2021 15:48

Tgt Ion:172 Resp: 1031393  
Ion Ratio Lower Upper  
172 100  
171 35.3 28.6 43.0  
170 24.0 18.4 27.6





#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.021 min Scan# 2403

Delta R.T. -0.000 min

Lab File: BM029595.D

Acq: 22 Apr 2021 15:48

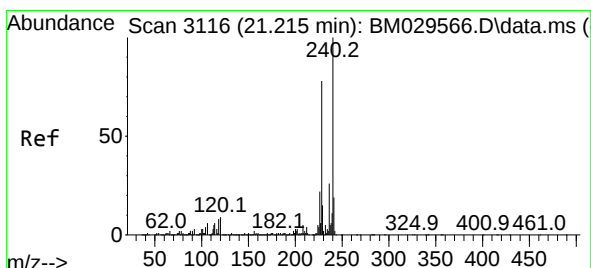
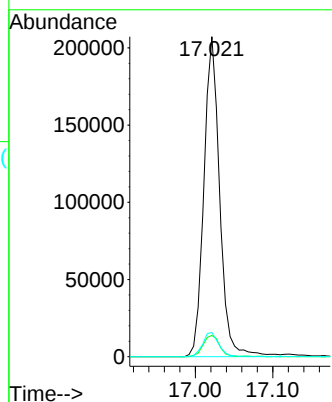
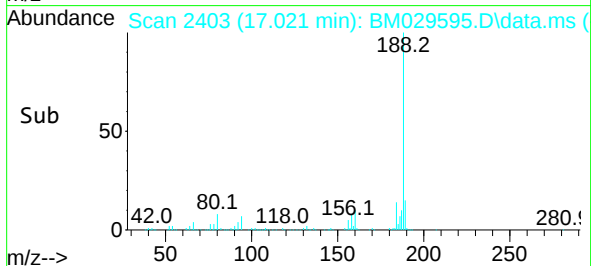
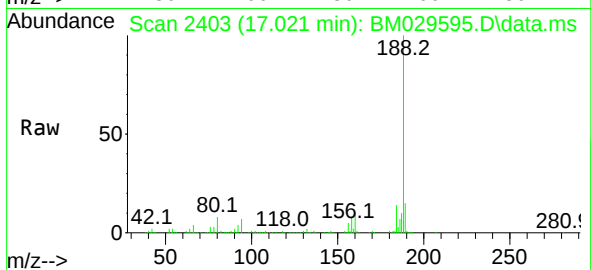
Tgt Ion:188 Resp: 293618

Ion Ratio Lower Upper

188 100

94 6.6 6.0 9.0

80 7.6 6.6 9.8



#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.203 min Scan# 3114

Delta R.T. -0.000 min

Lab File: BM029595.D

Acq: 22 Apr 2021 15:48

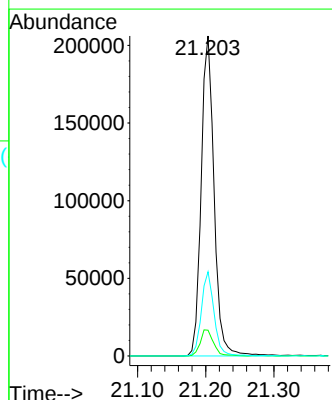
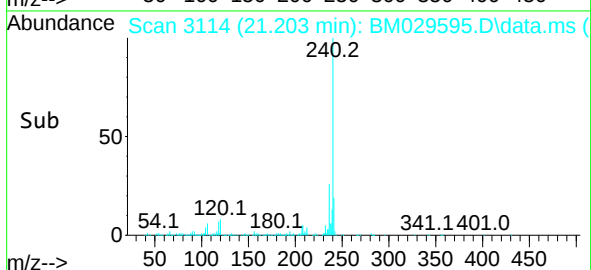
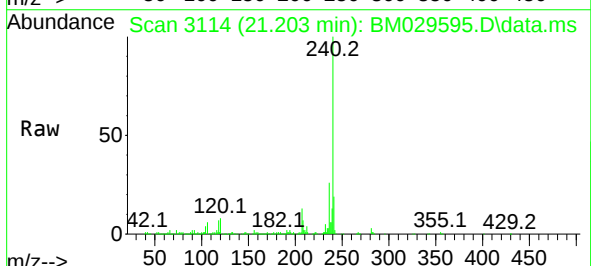
Tgt Ion:240 Resp: 270959

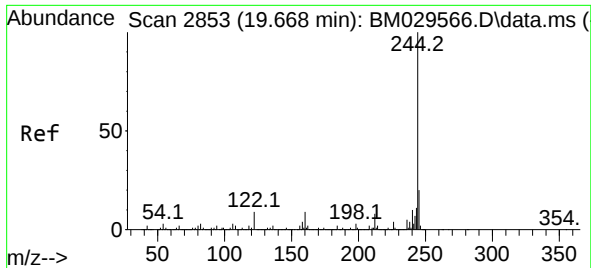
Ion Ratio Lower Upper

240 100

120 8.1 7.0 10.6

236 26.3 21.0 31.4

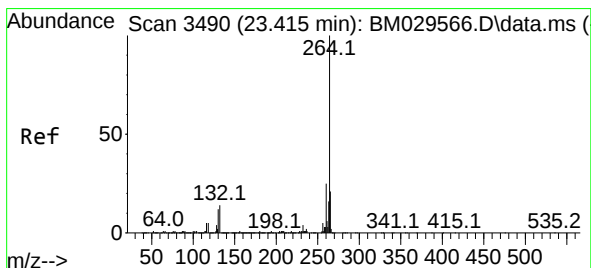
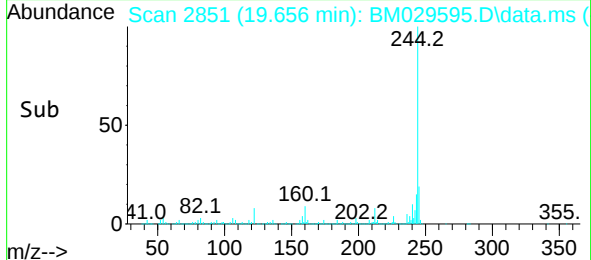
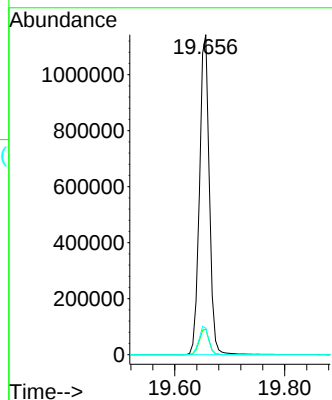
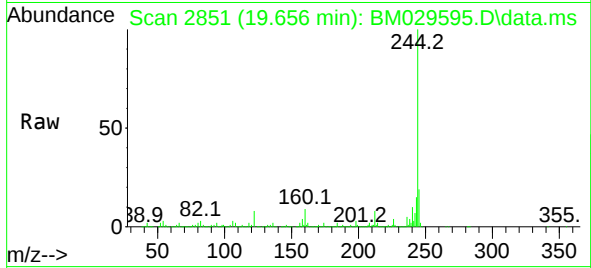




#79  
Terphenyl-d14  
Concen: 99.23 ng  
RT: 19.656 min Scan# 2851  
Delta R.T. -0.000 min  
Lab File: BM029595.D  
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Instrument :  
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Tgt Ion:244 Resp: 1418274  
Ion Ratio Lower Upper  
244 100  
212 8.0 6.3 9.5  
122 8.3 6.9 10.3



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 23.391 min Scan# 3486  
Delta R.T. -0.000 min  
Lab File: BM029595.D  
Acq: 22 Apr 2021 15:48

Tgt Ion:264 Resp: 304633  
Ion Ratio Lower Upper  
264 100  
260 25.3 19.8 29.8  
265 22.4 17.7 26.5

