

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM052322\  
 Data File : BM035192.D  
 Acq On : 23 May 2022 13:48  
 Operator : CG/JU  
 Sample : PB144968BL  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB144968BL

Quant Time: May 24 03:16:20 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  | 175008   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.704 | 136  | 699257   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.539 | 164  | 464957   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.286 | 188  | 984694   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12            | 21.468 | 240  | 888523   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12            | 23.850 | 264  | 803651   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.481  | 112  | 1349909  | 136.082 | ng    | 0.00     |
| 7) Phenol-d6                | 7.075  | 99   | 1716941  | 134.074 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.063  | 82   | 1097796  | 84.780  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.027 | 330  | 796541   | 157.488 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.168 | 172  | 2853562  | 89.093  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.909 | 244  | 4591726  | 100.060 | ng    | 0.00     |

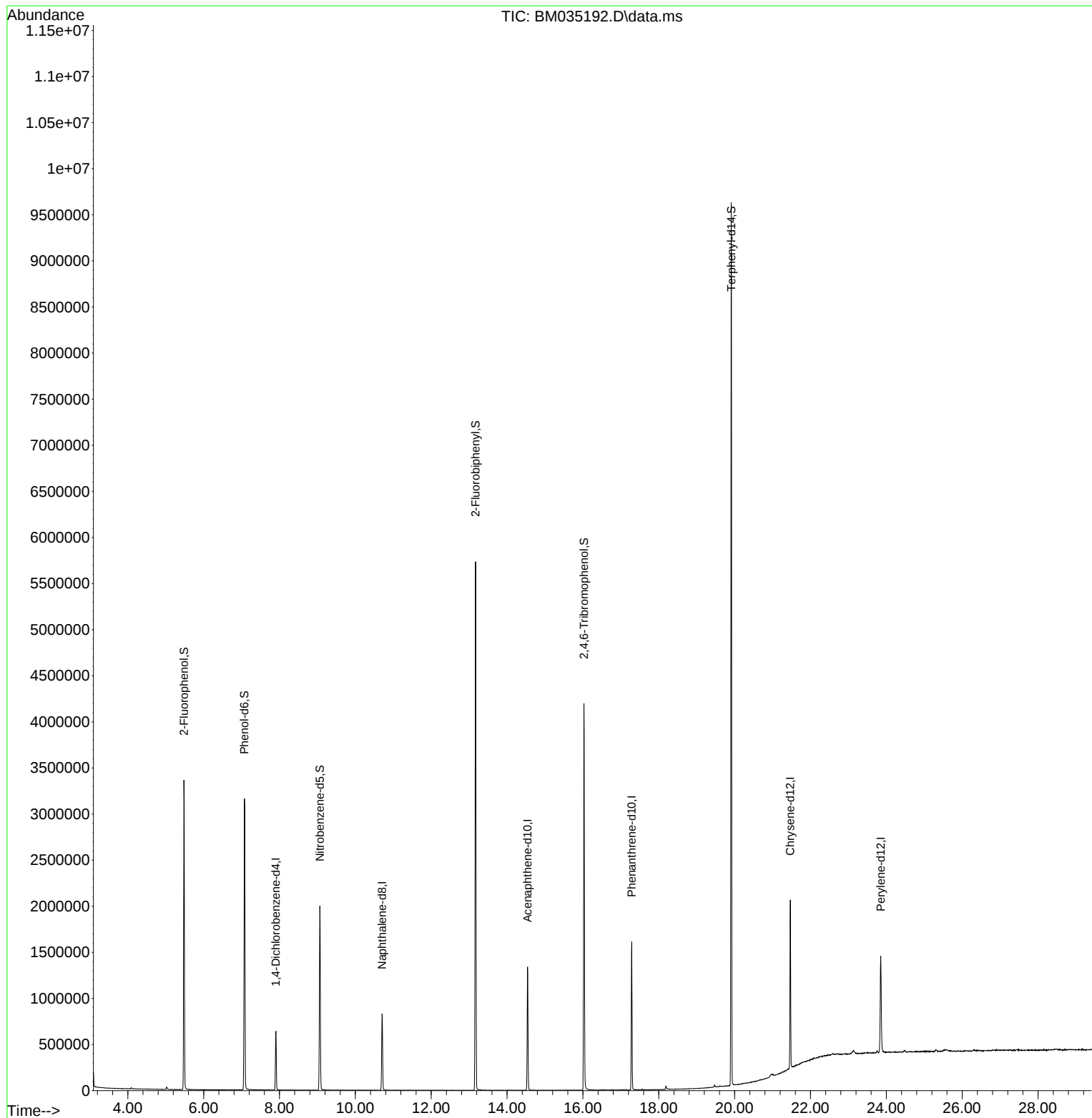
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

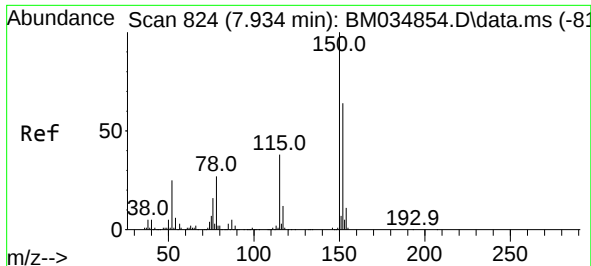
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM052322\  
Data File : BM035192.D  
Acq On : 23 May 2022 13:48  
Operator : CG/JU  
Sample : PB144968BL  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
PB144968BL

Quant Time: May 24 03:16:20 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

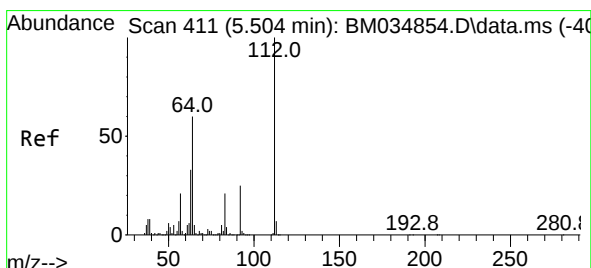
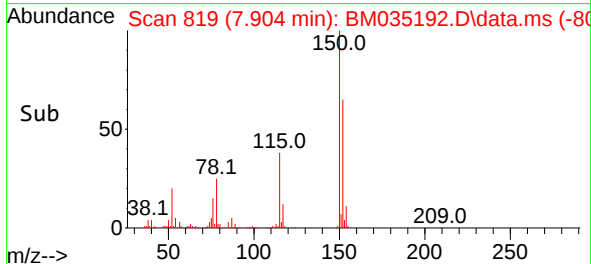
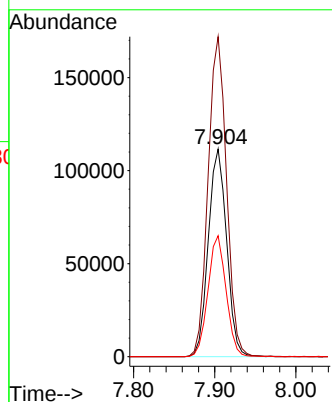
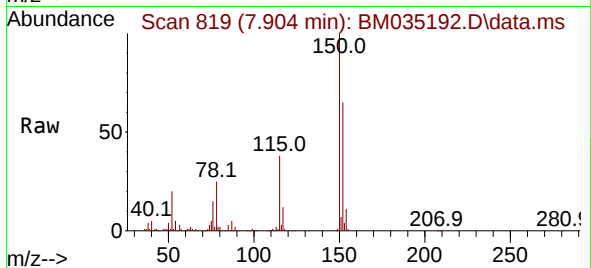




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.904 min Scan# 81  
 Delta R.T. 0.000 min  
 Lab File: BM035192.D  
 Acq: 23 May 2022 13:48

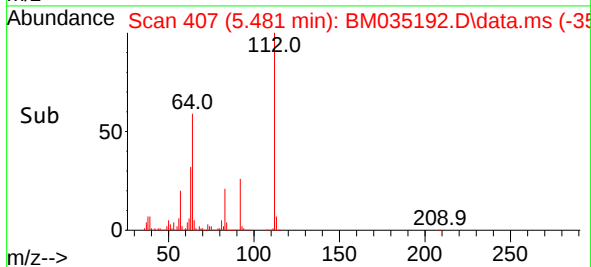
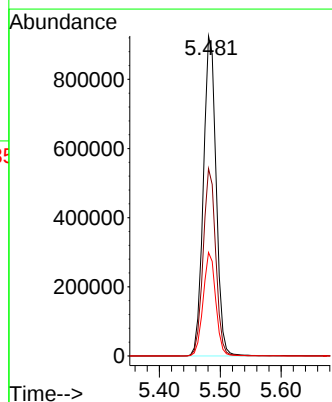
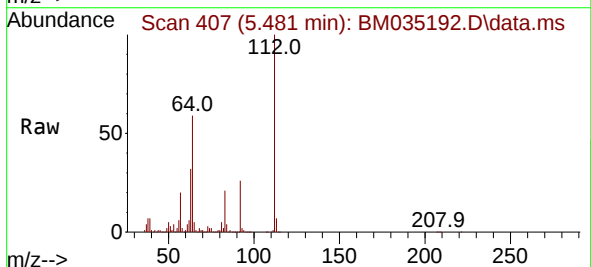
Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB144968BL

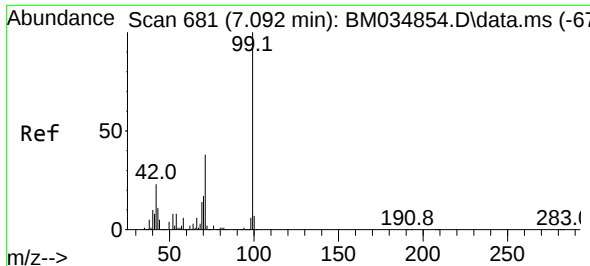
Tgt Ion:152 Resp: 175008  
 Ion Ratio Lower Upper  
 152 100  
 150 154.0 124.9 187.3  
 115 58.3 47.9 71.9



#5  
 2-Fluorophenol  
 Concen: 136.082 ng  
 RT: 5.481 min Scan# 407  
 Delta R.T. -0.000 min  
 Lab File: BM035192.D  
 Acq: 23 May 2022 13:48

Tgt Ion:112 Resp: 1349909  
 Ion Ratio Lower Upper  
 112 100  
 64 58.5 47.8 71.6  
 63 32.3 26.6 40.0

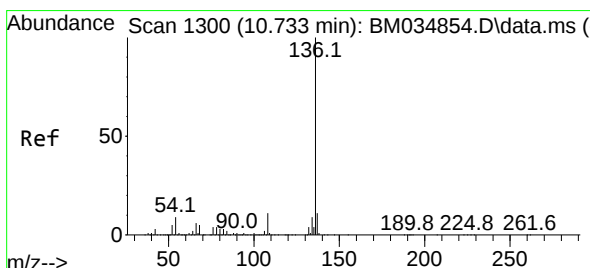
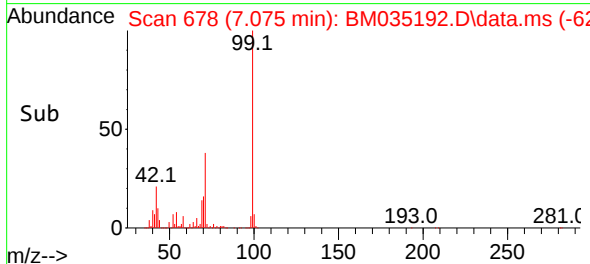
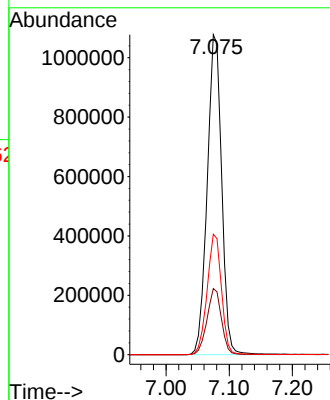
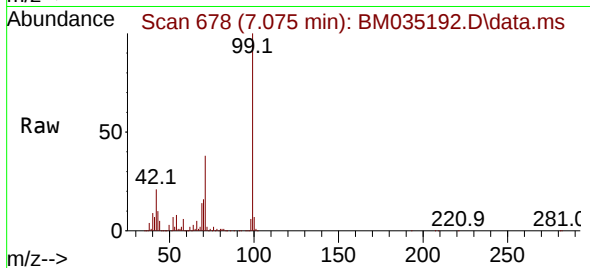




#7  
Phenol-d6  
Concen: 134.074 ng  
RT: 7.075 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BM035192.D  
Acq: 23 May 2022 13:48

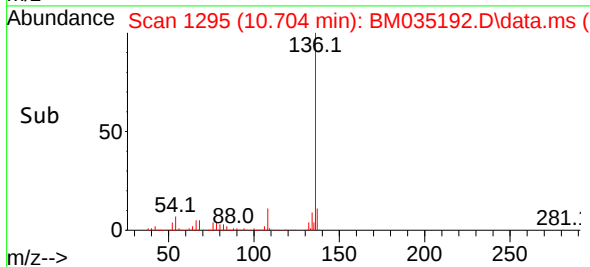
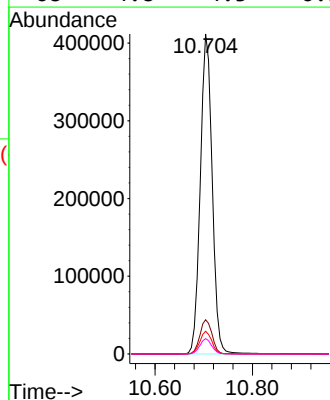
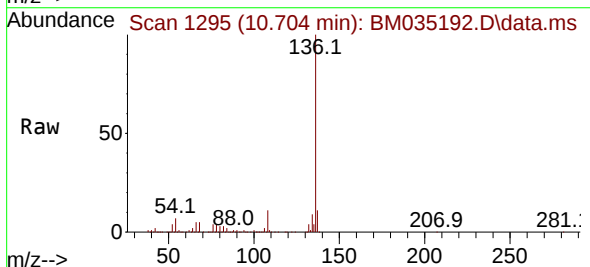
Instrument :  
BNA\_M  
ClientSampleId :  
PB144968BL

Tgt Ion: 99 Resp: 1716941  
Ion Ratio Lower Upper  
99 100  
42 20.6 18.8 28.2  
71 37.7 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: BM035192.D  
Acq: 23 May 2022 13:48

Tgt Ion: 136 Resp: 699257  
Ion Ratio Lower Upper  
136 100  
137 10.7 8.9 13.3  
54 7.1 7.0 10.4  
68 4.8 4.3 6.5





#23

Nitrobenzene-d5

Concen: 84.780 ng

RT: 9.063 min Scan# 1016

Delta R.T. -0.000 min

Lab File: BM035192.D

Acq: 23 May 2022 13:48

Instrument :

BNA\_M

ClientSampleId :

PB144968BL

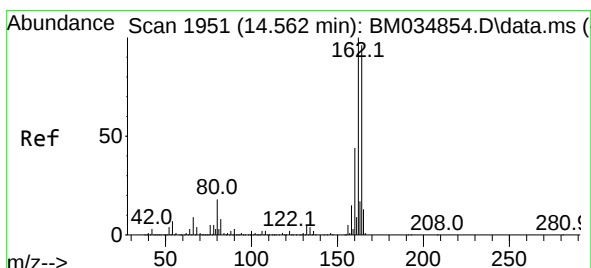
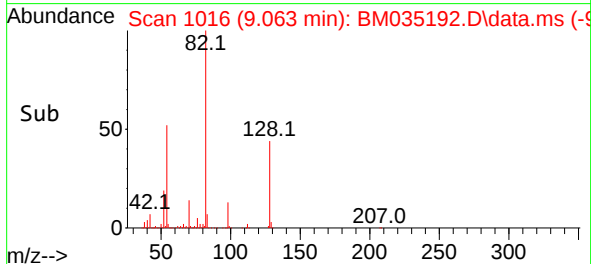
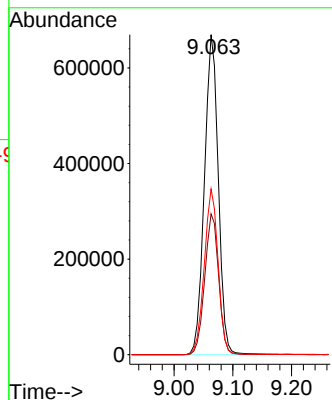
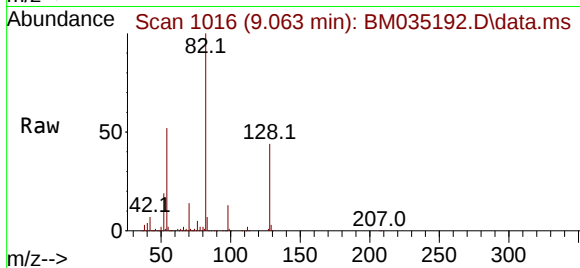
Tgt Ion: 82 Resp: 1097796

Ion Ratio Lower Upper

82 100

128 44.0 33.7 50.5

54 51.8 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: BM035192.D

Acq: 23 May 2022 13:48

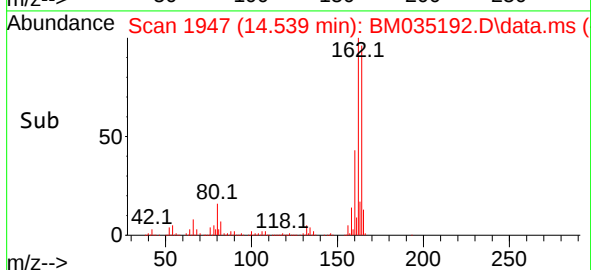
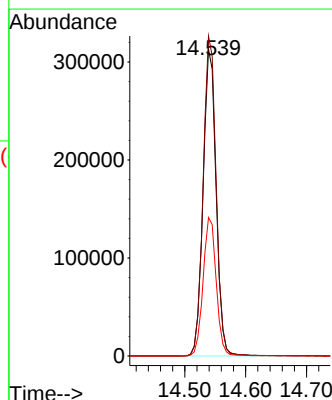
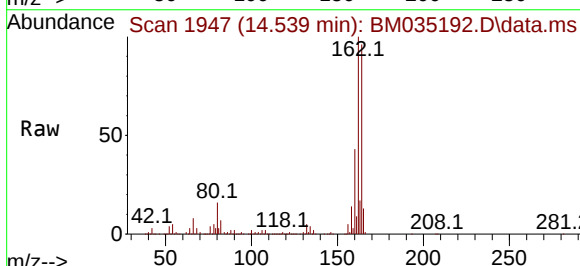
Tgt Ion: 164 Resp: 464957

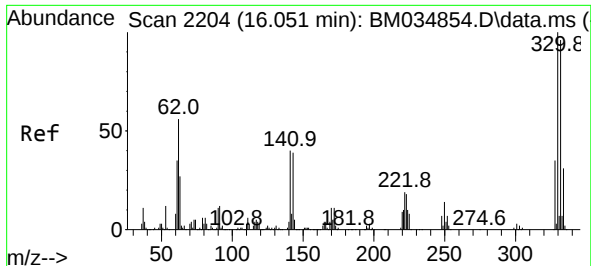
Ion Ratio Lower Upper

164 100

162 104.4 83.0 124.6

160 45.1 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 157.488 ng

RT: 16.027 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM035192.D

Acq: 23 May 2022 13:48

Instrument :

BNA\_M

ClientSampleId :

PB144968BL

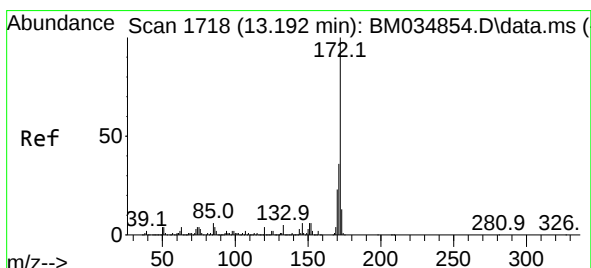
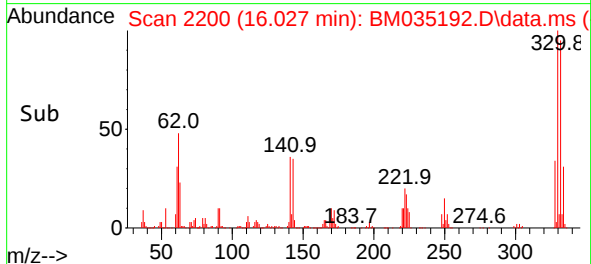
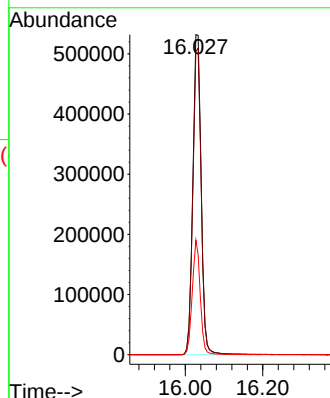
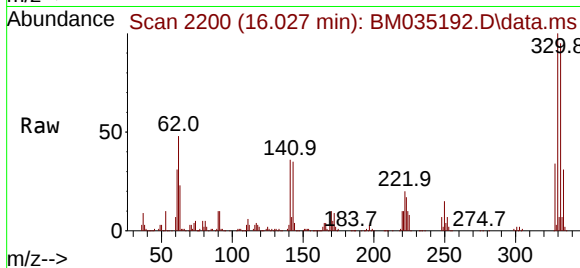
Tgt Ion:330 Resp: 796541

Ion Ratio Lower Upper

330 100

332 95.9 77.0 115.4

141 34.0 35.3 52.9#



#45

2-Fluorobiphenyl

Concen: 89.093 ng

RT: 13.168 min Scan# 1714

Delta R.T. -0.000 min

Lab File: BM035192.D

Acq: 23 May 2022 13:48

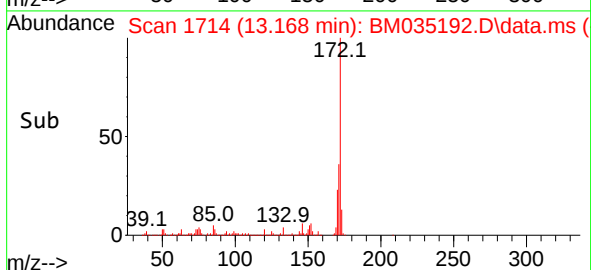
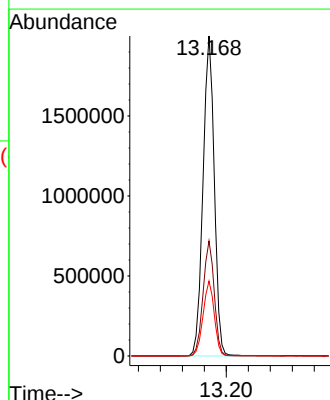
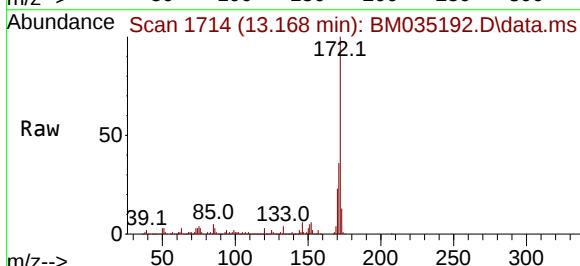
Tgt Ion:172 Resp: 2853562

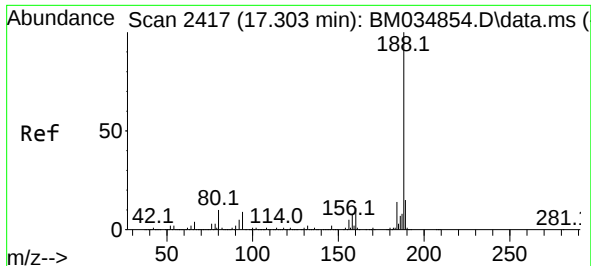
Ion Ratio Lower Upper

172 100

171 36.0 28.5 42.7

170 23.4 18.7 28.1

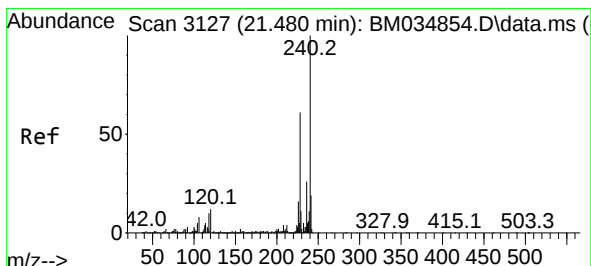
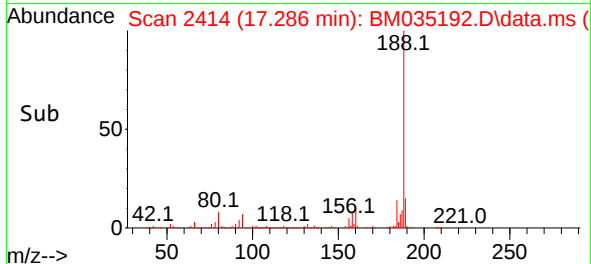
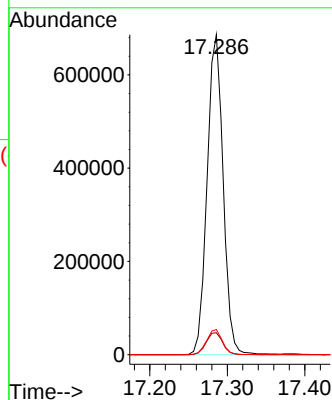
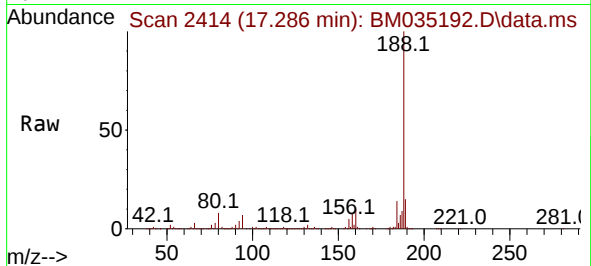




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.286 min Scan# 2417  
Delta R.T. -0.000 min  
Lab File: BM035192.D  
Acq: 23 May 2022 13:48

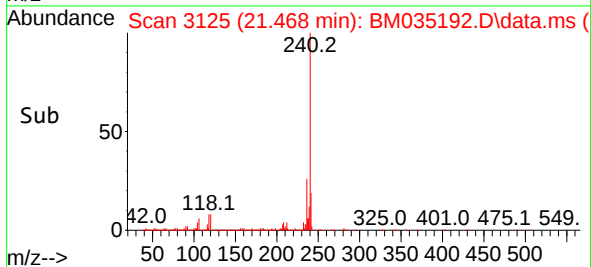
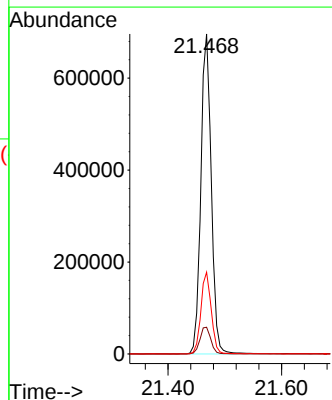
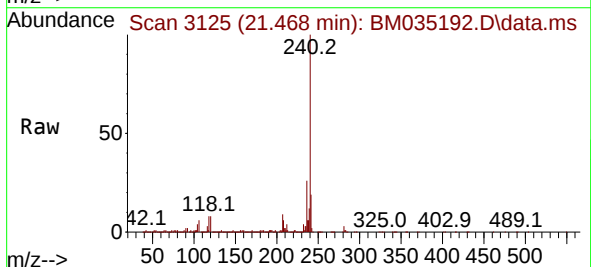
Instrument :  
BNA\_M  
ClientSampleId :  
PB144968BL

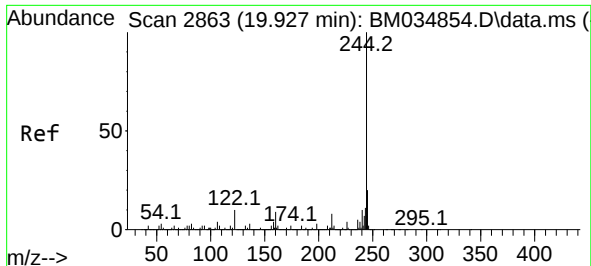
Tgt Ion:188 Resp: 984694  
Ion Ratio Lower Upper  
188 100  
94 6.9 7.0 10.4#  
80 7.9 7.6 11.4



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.468 min Scan# 3125  
Delta R.T. -0.006 min  
Lab File: BM035192.D  
Acq: 23 May 2022 13:48

Tgt Ion:240 Resp: 888523  
Ion Ratio Lower Upper  
240 100  
120 8.3 9.4 14.0#  
236 25.6 20.6 30.8

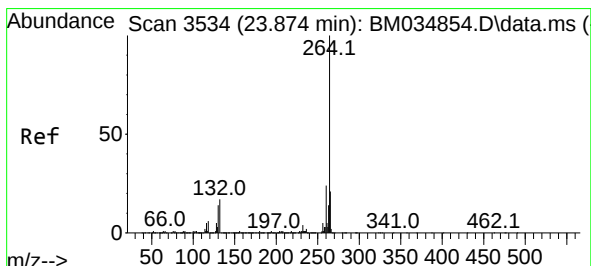
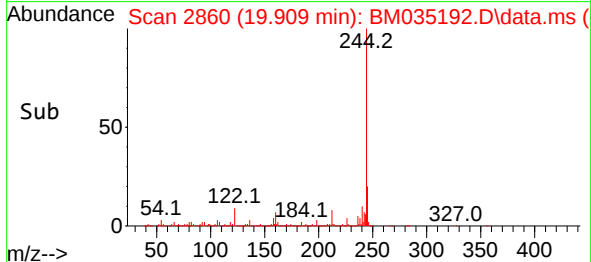
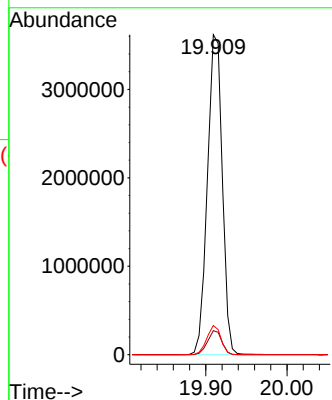
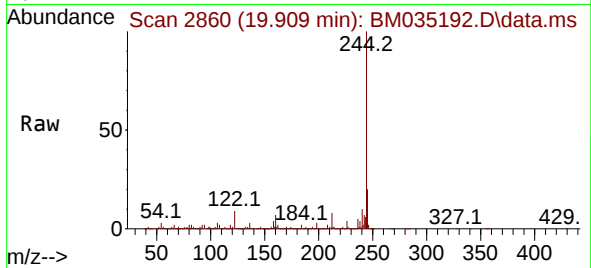




#79  
 Terphenyl-d14  
 Concen: 100.060 ng  
 RT: 19.909 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BM035192.D  
 Acq: 23 May 2022 13:48

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB144968BL

Tgt Ion:244 Resp: 4591726  
 Ion Ratio Lower Upper  
 244 100  
 212 7.5 6.2 9.4  
 122 9.1 8.3 12.5



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.850 min Scan# 3530  
 Delta R.T. -0.006 min  
 Lab File: BM035192.D  
 Acq: 23 May 2022 13:48

Tgt Ion:264 Resp: 803651  
 Ion Ratio Lower Upper  
 264 100  
 260 22.9 18.9 28.3  
 265 22.3 17.5 26.3

