

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032621\  
 Data File : BM029232.D  
 Acq On : 26 Mar 2021 13:53  
 Operator : CG/JU  
 Sample : PB135047BL  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Mar 26 14:23:45 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM032621.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 26 12:33:48 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.757  | 152  | 88902    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.539 | 136  | 335207   | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.380 | 164  | 184319   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.115 | 188  | 342535   | 20.00  | ng    | -0.01    |
| 76) Chrysene-d12            | 21.286 | 240  | 270466   | 20.00  | ng    | -0.01    |
| 86) Perylene-d12            | 23.521 | 264  | 275044   | 20.00  | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.357  | 112  | 743067   | 144.07 | ng    | 0.00     |
| 7) Phenol-d6                | 6.922  | 99   | 946910   | 127.94 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.904  | 82   | 623366   | 90.29  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.863 | 330  | 201329   | 117.95 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 13.004 | 172  | 1195128  | 91.97  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.739 | 244  | 1337558  | 99.35  | ng    | -0.01    |

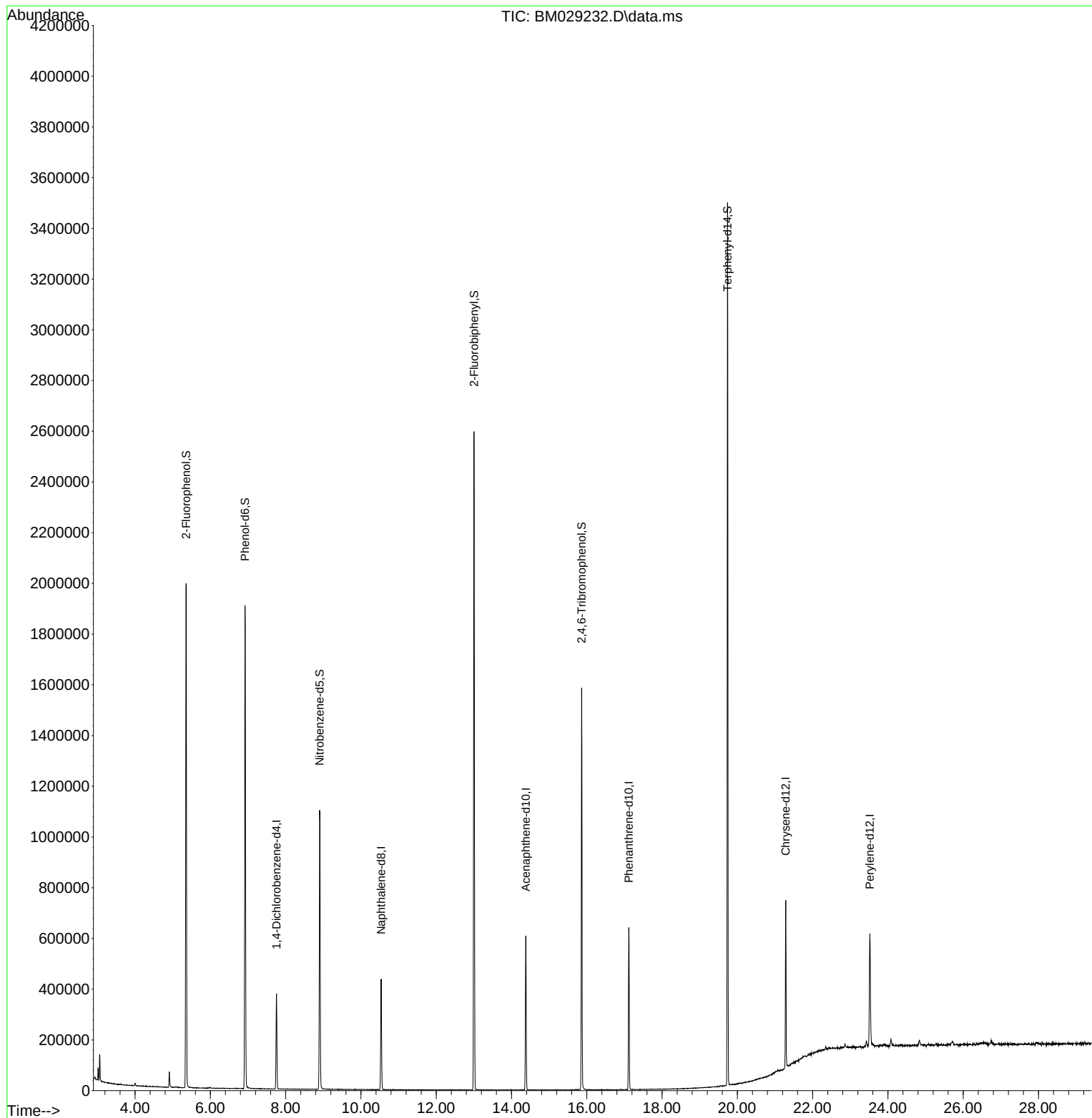
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

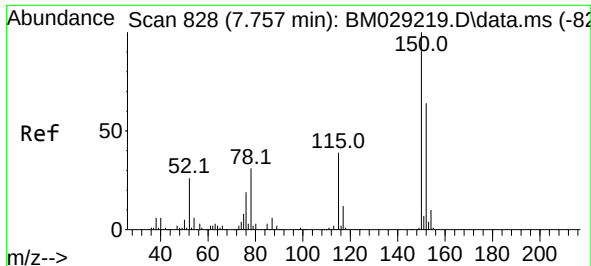
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

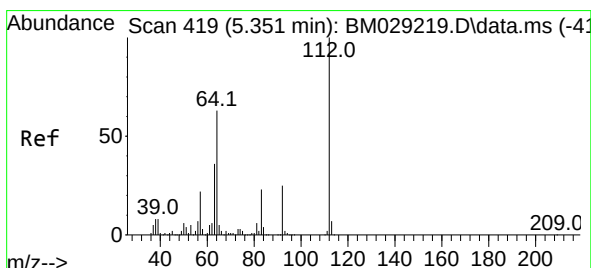
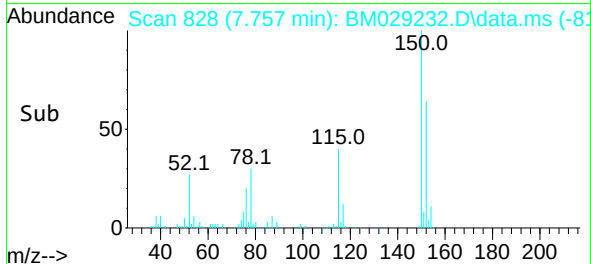
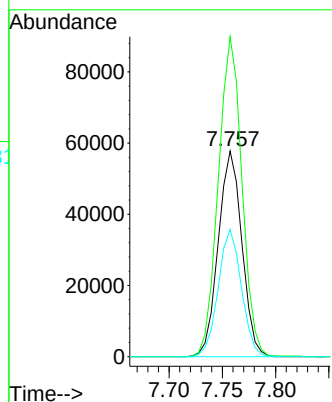
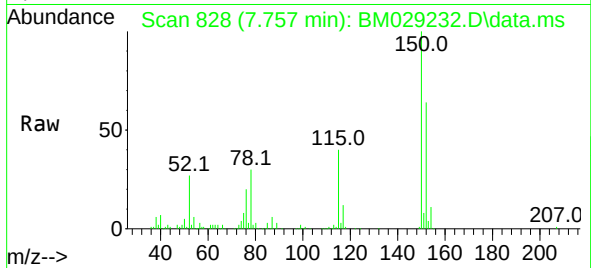




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.757 min Scan# 828  
Delta R.T. 0.000 min  
Lab File: BM029232.D  
Acq: 26 Mar 2021 13:53

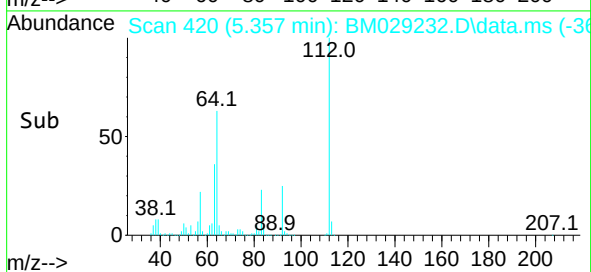
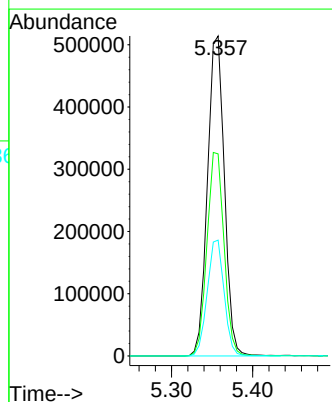
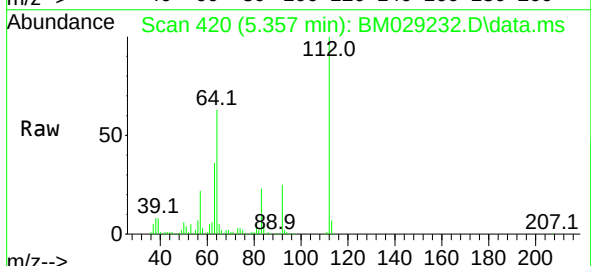
Instrument :  
BNA\_M  
ClientSampleId :

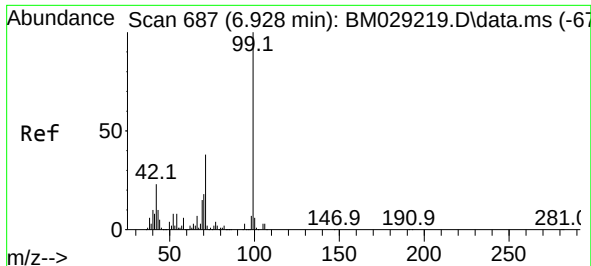
Tgt Ion:152 Resp: 88902  
Ion Ratio Lower Upper  
152 100  
150 155.6 124.3 186.5  
115 61.8 46.4 69.6



#5  
2-Fluorophenol  
Concen: 144.07 ng  
RT: 5.357 min Scan# 420  
Delta R.T. 0.006 min  
Lab File: BM029232.D  
Acq: 26 Mar 2021 13:53

Tgt Ion:112 Resp: 743067  
Ion Ratio Lower Upper  
112 100  
64 63.2 51.6 77.4  
63 36.2 29.0 43.4

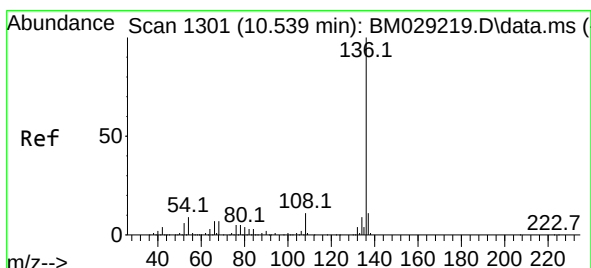
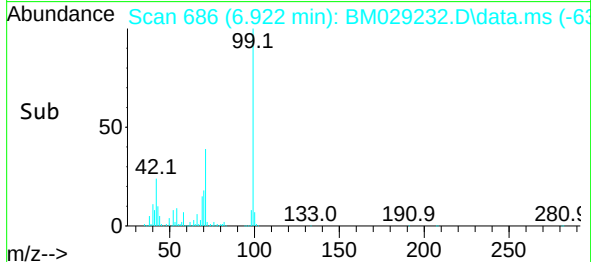
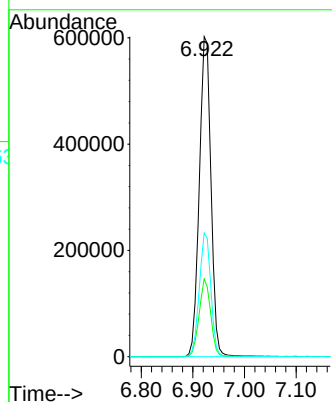
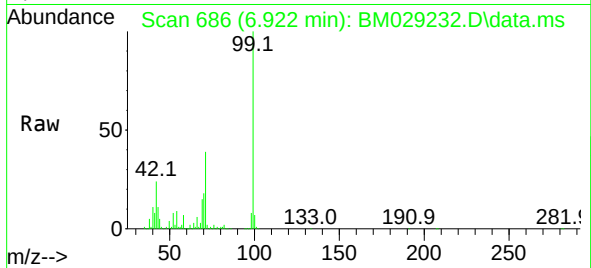




#7  
Phenol-d6  
Concen: 127.94 ng  
RT: 6.922 min Scan# 686  
Delta R.T. -0.006 min  
Lab File: BM029232.D  
Acq: 26 Mar 2021 13:53

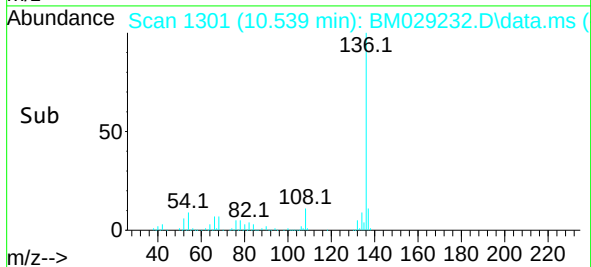
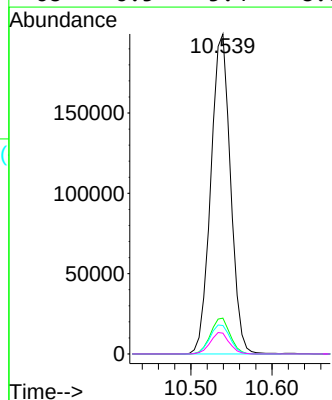
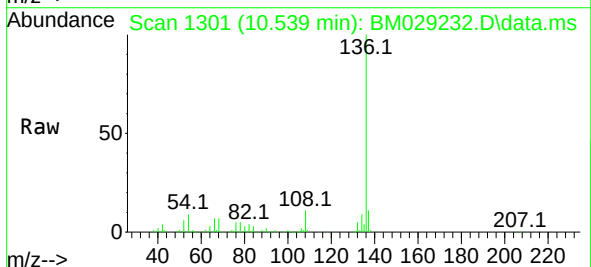
Instrument :  
BNA\_M  
ClientSampleId :

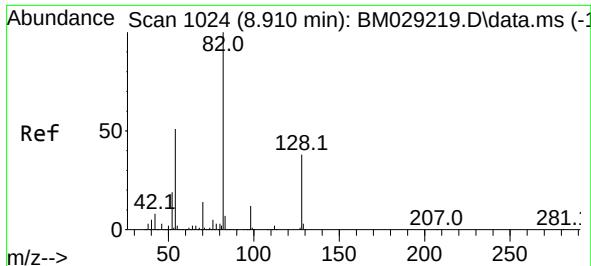
Tgt Ion: 99 Resp: 946910  
Ion Ratio Lower Upper  
99 100  
42 24.3 18.5 27.7  
71 38.6 31.8 47.6



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.539 min Scan# 1301  
Delta R.T. 0.000 min  
Lab File: BM029232.D  
Acq: 26 Mar 2021 13:53

Tgt Ion: 136 Resp: 335207  
Ion Ratio Lower Upper  
136 100  
137 11.2 9.3 13.9  
54 8.9 6.9 10.3  
68 6.5 5.4 8.0

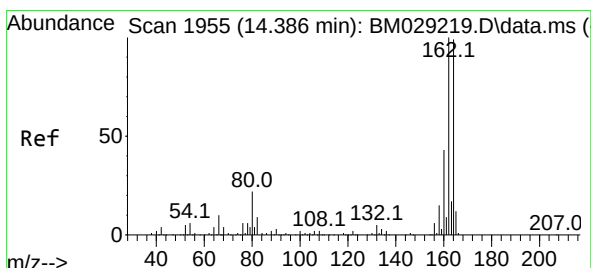
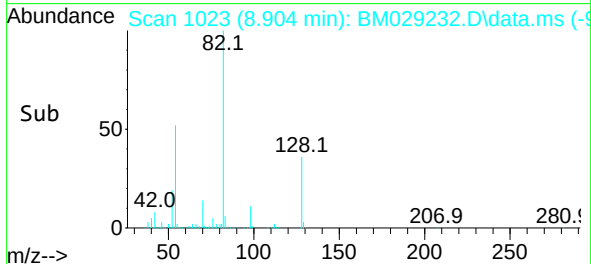
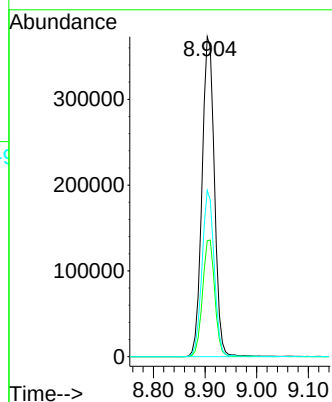
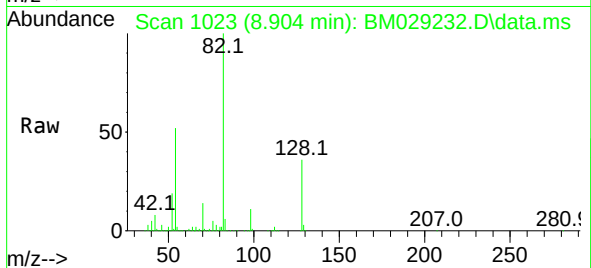




#23  
Nitrobenzene-d5  
Concen: 90.29 ng  
RT: 8.904 min Scan# 1023  
Delta R.T. -0.006 min  
Lab File: BM029232.D  
Acq: 26 Mar 2021 13:53

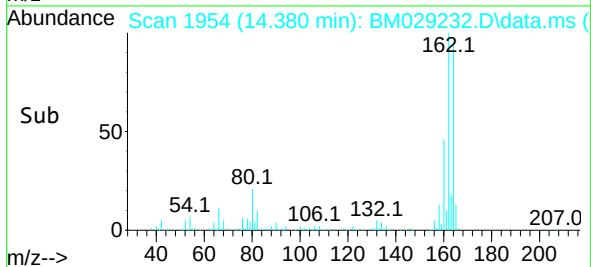
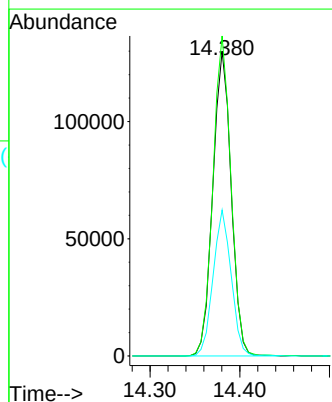
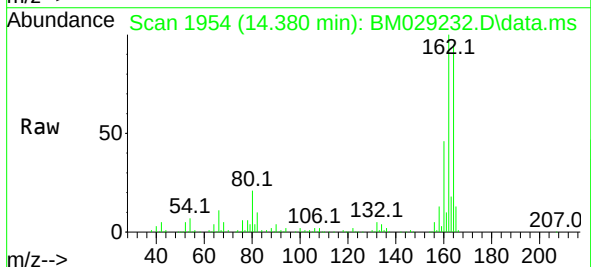
Instrument :  
BNA\_M  
ClientSampleId :

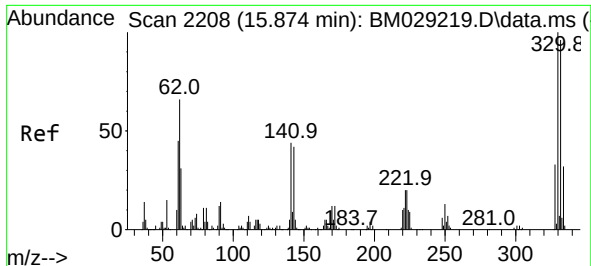
Tgt Ion: 82 Resp: 623366  
Ion Ratio Lower Upper  
82 100  
128 36.2 28.6 42.8  
54 52.0 40.7 61.1



#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.380 min Scan# 1954  
Delta R.T. -0.006 min  
Lab File: BM029232.D  
Acq: 26 Mar 2021 13:53

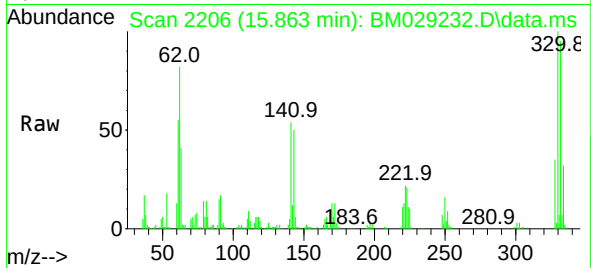
Tgt Ion: 164 Resp: 184319  
Ion Ratio Lower Upper  
164 100  
162 105.0 84.4 126.6  
160 47.9 36.6 54.8



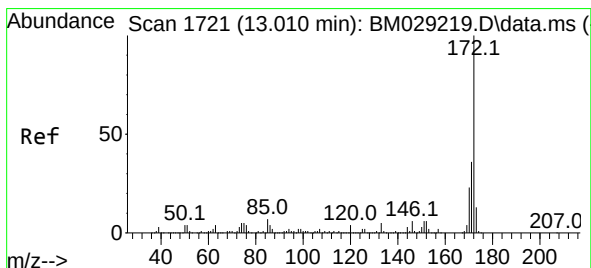
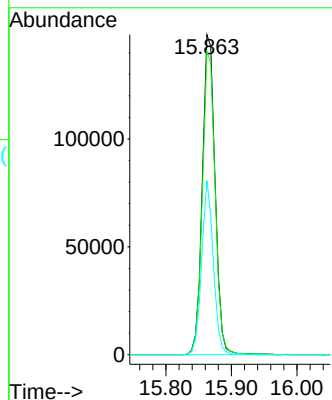
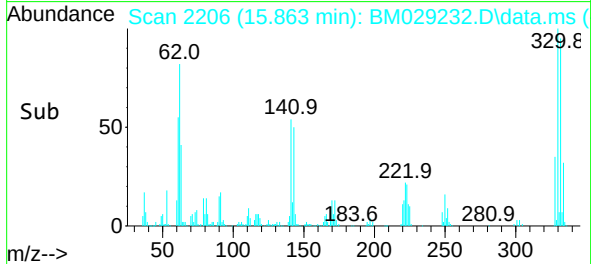


#42  
2,4,6-Tribromophenol  
Concen: 117.95 ng  
RT: 15.863 min Scan# 2206  
Delta R.T. -0.012 min  
Lab File: BM029232.D  
Acq: 26 Mar 2021 13:53

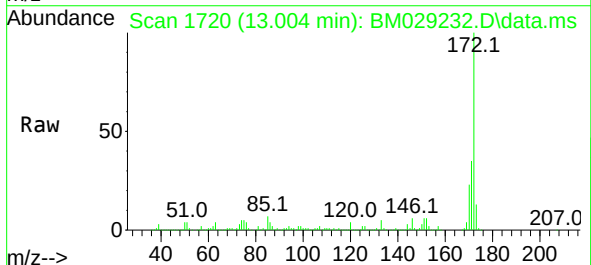
Instrument :  
BNA\_M  
ClientSampled :



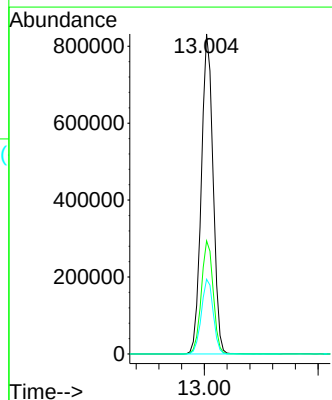
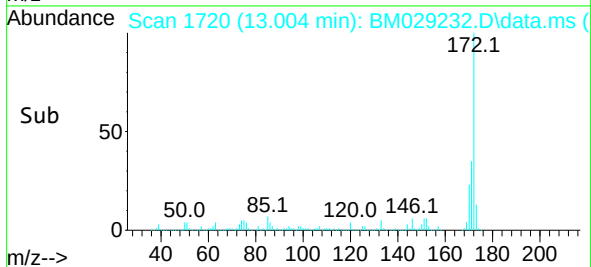
Tgt Ion:330 Resp: 201329  
Ion Ratio Lower Upper  
330 100  
332 95.4 77.1 115.7  
141 50.0 39.2 58.8

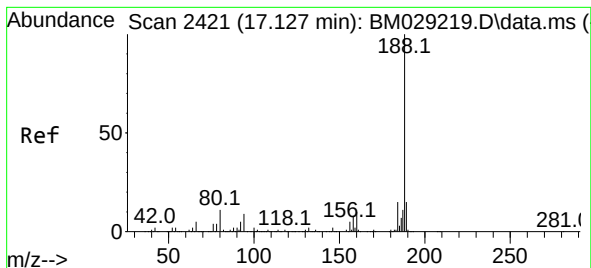


#45  
2-Fluorobiphenyl  
Concen: 91.97 ng  
RT: 13.004 min Scan# 1720  
Delta R.T. -0.006 min  
Lab File: BM029232.D  
Acq: 26 Mar 2021 13:53



Tgt Ion:172 Resp: 1195128  
Ion Ratio Lower Upper  
172 100  
171 35.4 28.7 43.1  
170 23.3 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.115 min Scan# 2419

Delta R.T. -0.012 min

Lab File: BM029232.D

Acq: 26 Mar 2021 13:53

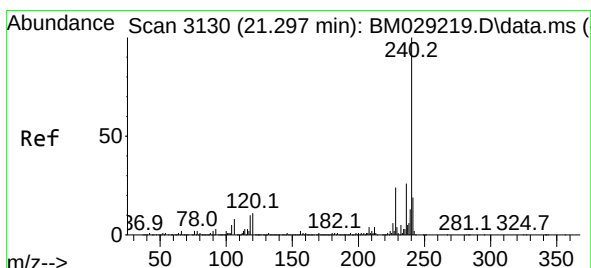
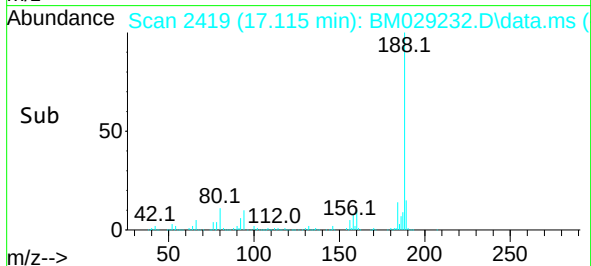
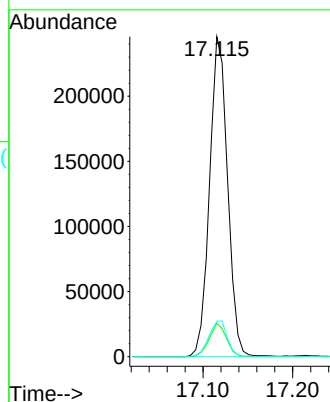
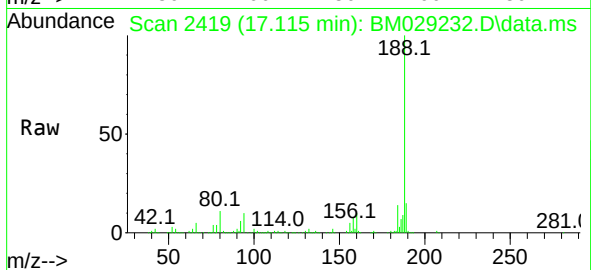
Tgt Ion:188 Resp: 342535

Ion Ratio Lower Upper

188 100

94 10.5 8.1 12.1

80 11.1 9.2 13.8



#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.286 min Scan# 3128

Delta R.T. -0.011 min

Lab File: BM029232.D

Acq: 26 Mar 2021 13:53

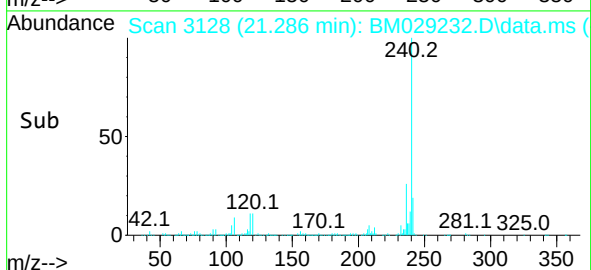
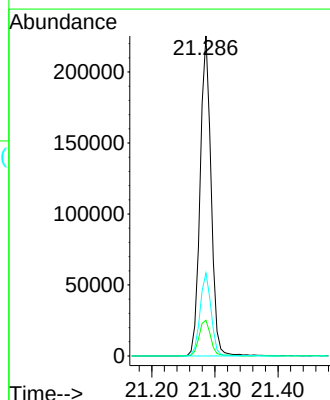
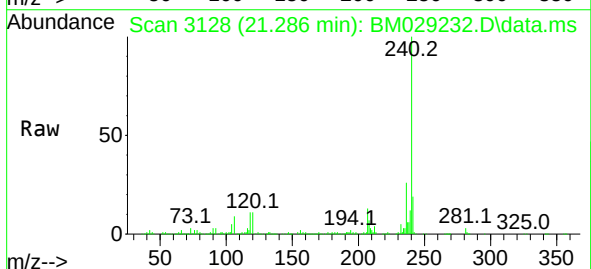
Tgt Ion:240 Resp: 270466

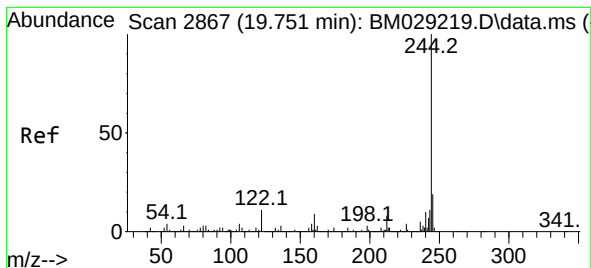
Ion Ratio Lower Upper

240 100

120 11.2 9.0 13.6

236 25.9 20.3 30.5





#79

Terphenyl-d14

Concen: 99.35 ng

RT: 19.739 min Scan# 2865

Delta R.T. -0.012 min

Lab File: BM029232.D

Acq: 26 Mar 2021 13:53

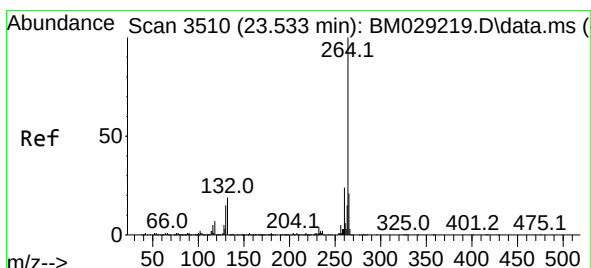
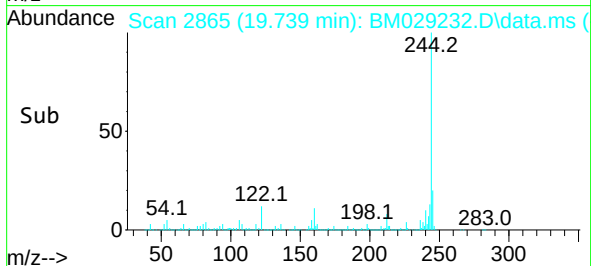
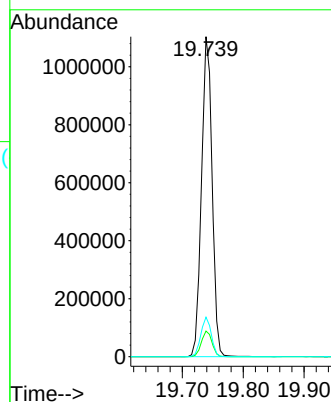
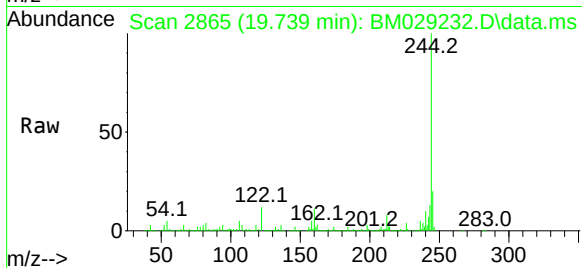
Tgt Ion:244 Resp: 1337558

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

122 12.3 9.2 13.8



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.521 min Scan# 3508

Delta R.T. -0.012 min

Lab File: BM029232.D

Acq: 26 Mar 2021 13:53

Tgt Ion:264 Resp: 275044

Ion Ratio Lower Upper

264 100

260 23.5 19.6 29.4

265 22.4 17.8 26.8

