

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM061422\  
 Data File : BM035468.D  
 Acq On : 14 Jun 2022 16:14  
 Operator : CG/JU  
 Sample : N3308-03  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SP-303-20220609

Quant Time: Jun 15 03:07:28 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM061022.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 10 16:05:33 2022  
 Response via : Initial Calibration

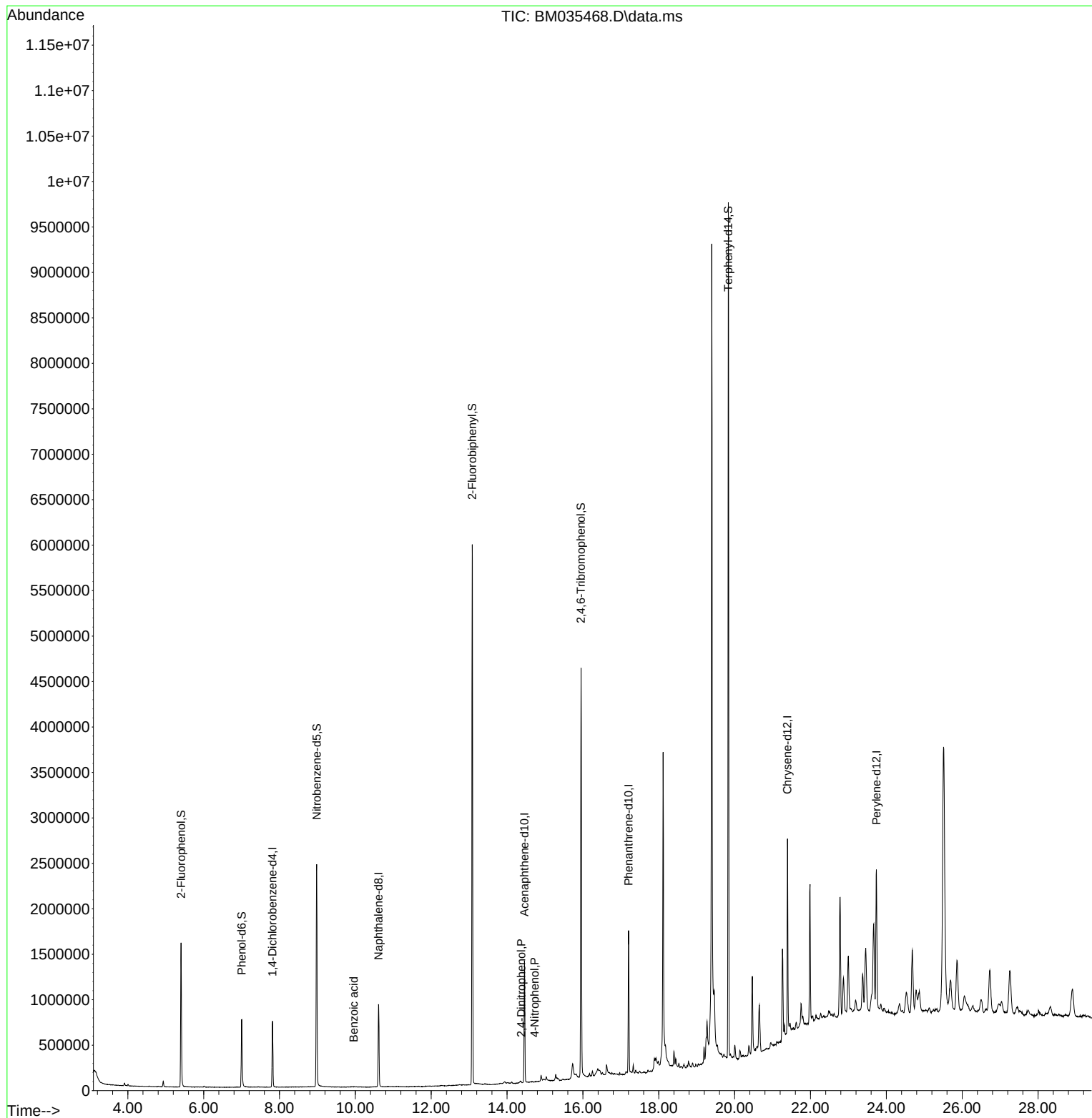
| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.816  | 152  | 205012   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.610 | 136  | 797618   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.457 | 164  | 448843   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.204 | 188  | 908272   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12            | 21.391 | 240  | 981757   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12            | 23.738 | 264  | 1114273  | 20.000  | ng    | 0.00     |
|                             |        |      |          |         |       |          |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.404  | 112  | 692112   | 57.249  | ng    | 0.00     |
| 7) Phenol-d6                | 7.004  | 99   | 487779   | 29.116  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.981  | 82   | 1402688  | 95.568  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.951 | 330  | 802453   | 167.924 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.080 | 172  | 3040945  | 96.790  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.833 | 244  | 4276991  | 83.180  | ng    | 0.00     |
|                             |        |      |          |         |       |          |
| Target Compounds            |        |      |          |         |       | Qvalue   |
| 32) Benzoic acid            | 9.957  | 122  | 975      | 4.736   | ng    | # 65     |
| 54) 2,4-Dinitrophenol       | 14.374 | 184  | 64       | 6.792   | ng    | # 9      |
| 56) 4-Nitrophenol           | 14.727 | 139  | 622      | 5.741   | ng    | 82       |
| -----                       |        |      |          |         |       |          |

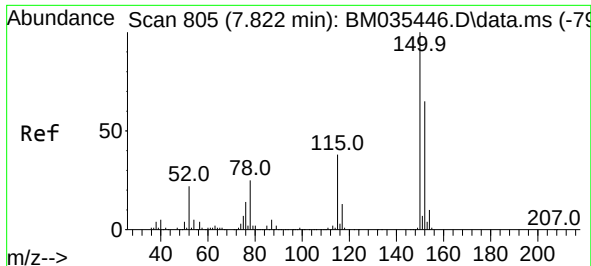
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM061422\  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM061022.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Jun 10 16:05:33 2022  
Response via : Initial Calibration

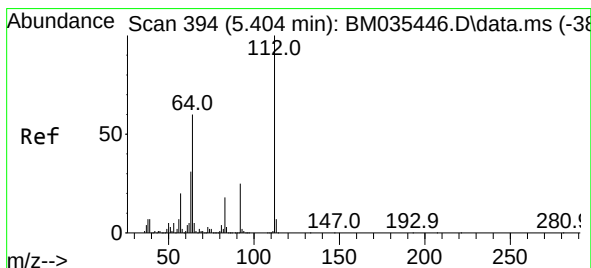
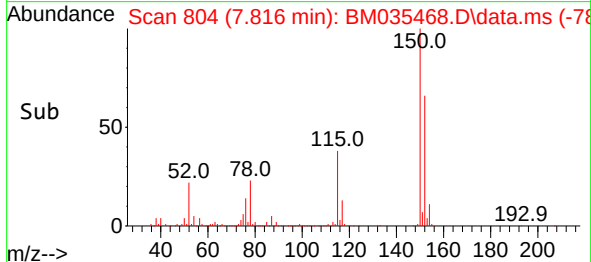
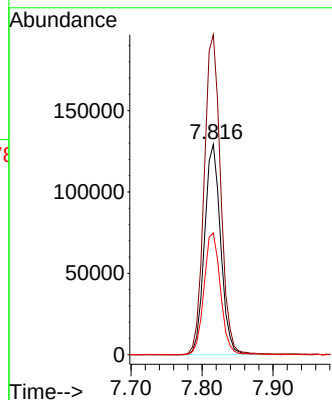
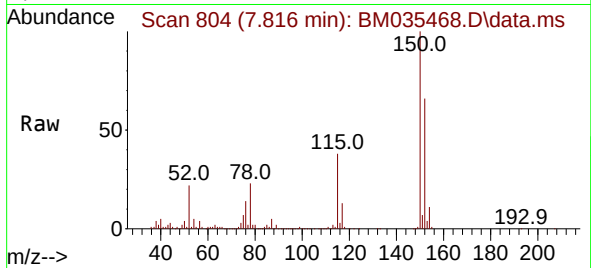




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.816 min Scan# 805  
Delta R.T. -0.006 min  
Lab File: BM035468.D  
Acq: 14 Jun 2022 16:14

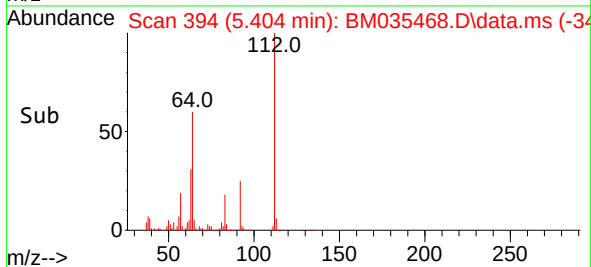
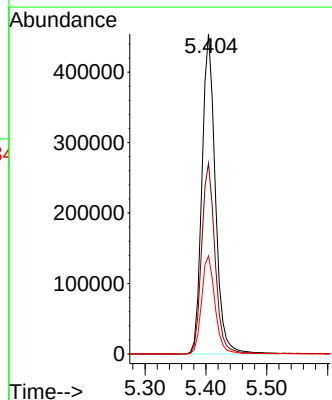
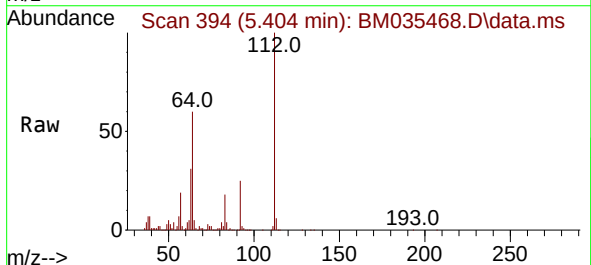
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BNA\_M  
ClientSampleId :  
SP-303-20220609

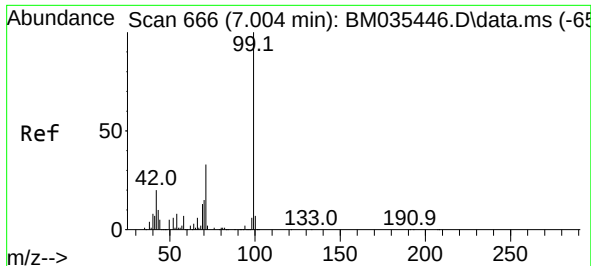
Tgt Ion:152 Resp: 205012  
Ion Ratio Lower Upper  
152 100  
150 152.1 124.9 187.3  
115 57.8 47.9 71.9



#5  
2-Fluorophenol  
Concen: 57.249 ng  
RT: 5.404 min Scan# 394  
Delta R.T. -0.000 min  
Lab File: BM035468.D  
Acq: 14 Jun 2022 16:14

Tgt Ion:112 Resp: 692112  
Ion Ratio Lower Upper  
112 100  
64 59.6 47.8 71.6  
63 30.6 26.6 40.0

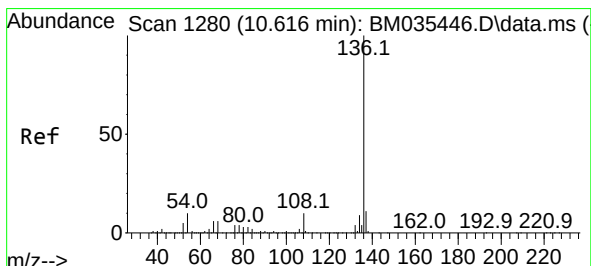
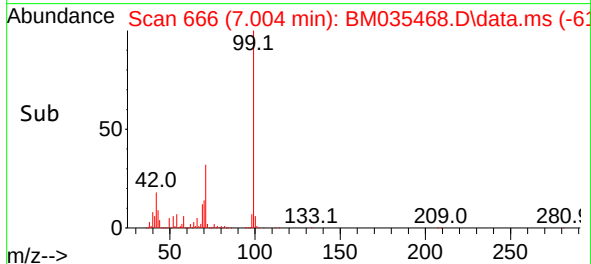
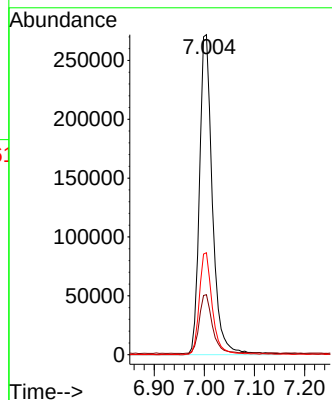
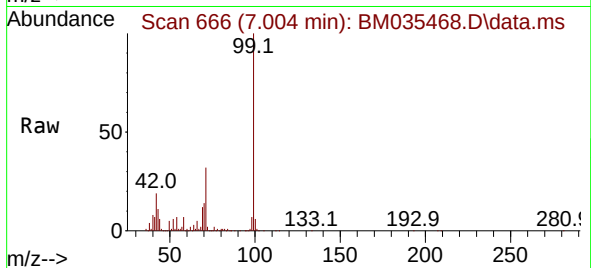




#7  
Phenol-d6  
Concen: 29.116 ng  
RT: 7.004 min Scan# 666  
Delta R.T. -0.000 min  
Lab File: BM035468.D  
Acq: 14 Jun 2022 16:14

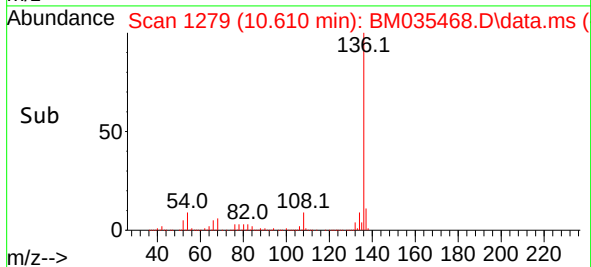
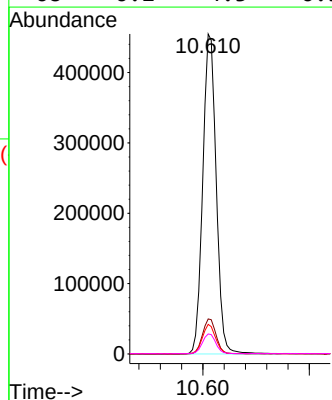
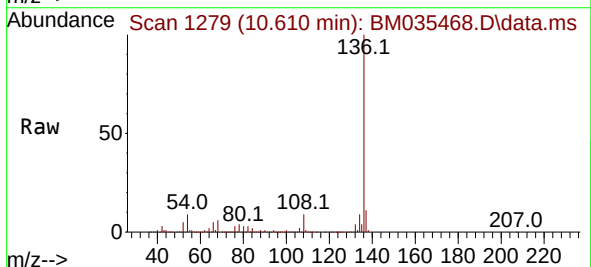
Instrument :  
BNA\_M  
ClientSampleId :  
SP-303-20220609

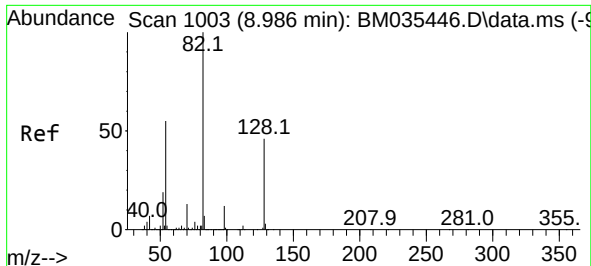
Tgt Ion: 99 Resp: 487779  
Ion Ratio Lower Upper  
99 100  
42 18.8 18.8 28.2#  
71 31.8 30.2 45.2



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.610 min Scan# 1279  
Delta R.T. -0.006 min  
Lab File: BM035468.D  
Acq: 14 Jun 2022 16:14

Tgt Ion: 136 Resp: 797618  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.9 13.3  
54 9.3 7.0 10.4  
68 6.2 4.3 6.5

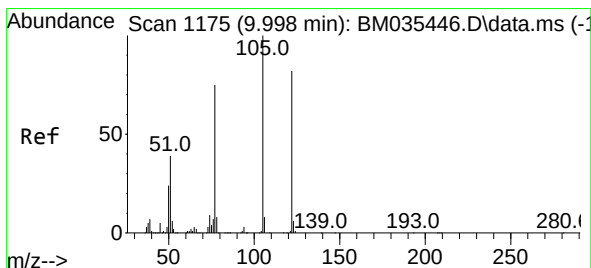
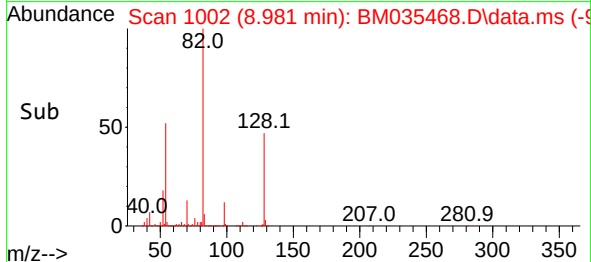
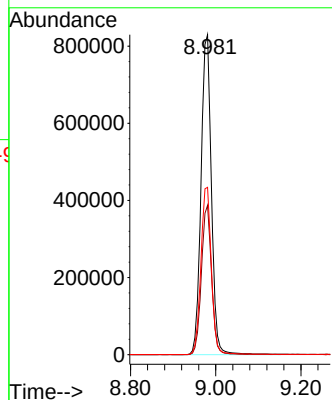
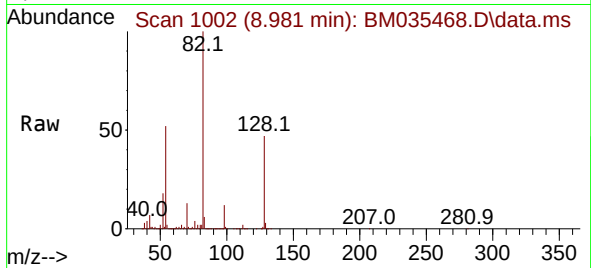




#23  
Nitrobenzene-d5  
Concen: 95.568 ng  
RT: 8.981 min Scan# 1003  
Delta R.T. -0.006 min  
Lab File: BM035468.D  
Acq: 14 Jun 2022 16:14

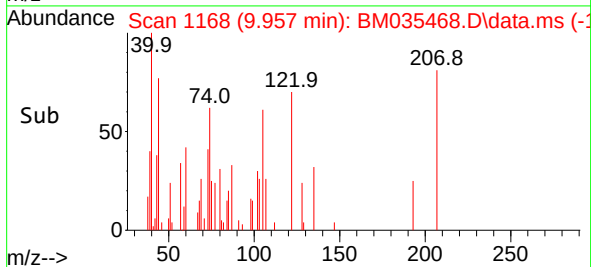
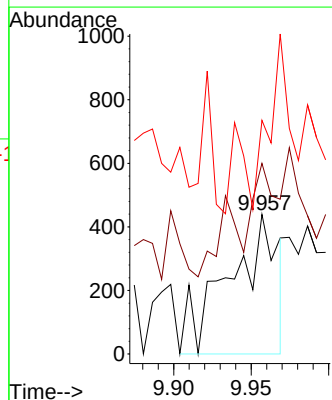
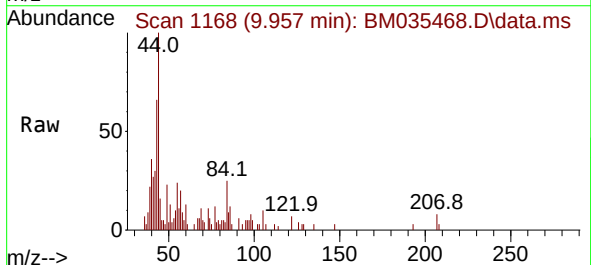
Instrument :  
BNA\_M  
ClientSampleId :  
SP-303-20220609

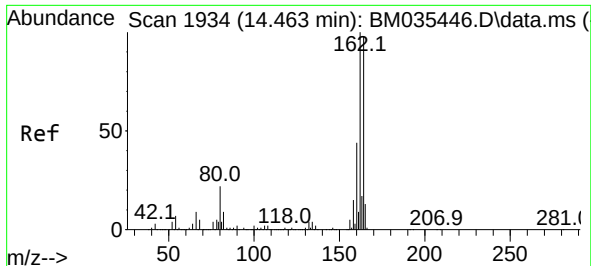
Tgt Ion: 82 Resp: 1402688  
Ion Ratio Lower Upper  
82 100  
128 46.6 33.7 50.5  
54 52.3 43.2 64.8



#32  
Benzoic acid  
Concen: 4.736 ng  
RT: 9.957 min Scan# 1168  
Delta R.T. -0.041 min  
Lab File: BM035468.D  
Acq: 14 Jun 2022 16:14

Tgt Ion: 122 Resp: 975  
Ion Ratio Lower Upper  
122 100  
105 136.7 105.7 145.7  
77 167.4 80.0 120.0#

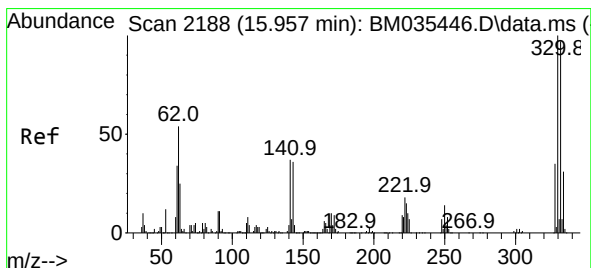
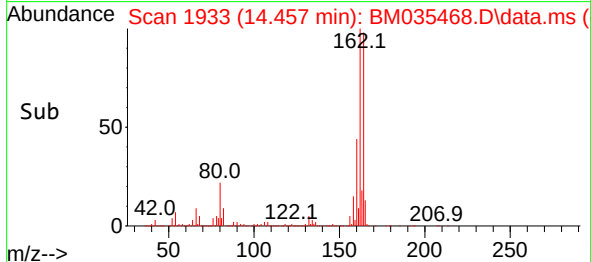
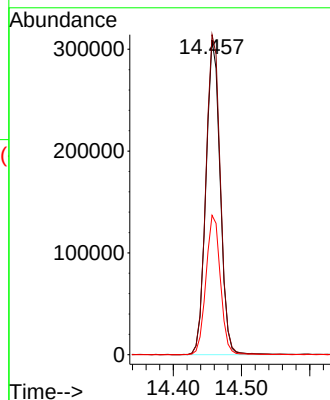
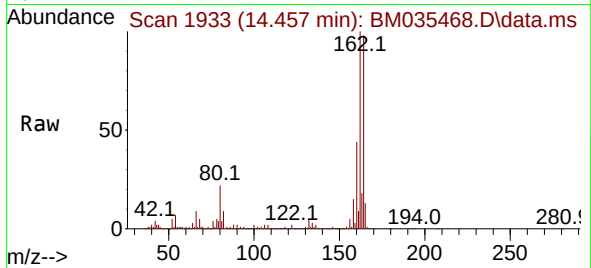




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.457 min Scan# 1933  
Delta R.T. -0.006 min  
Lab File: BM035468.D  
Acq: 14 Jun 2022 16:14

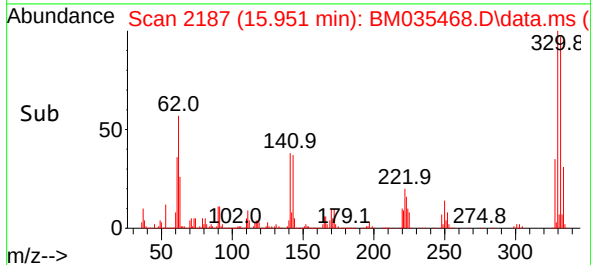
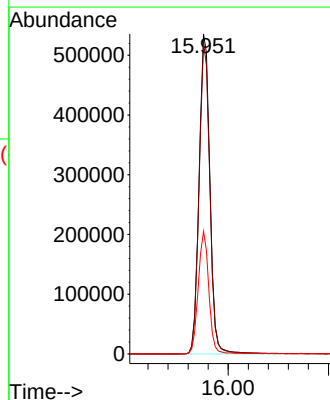
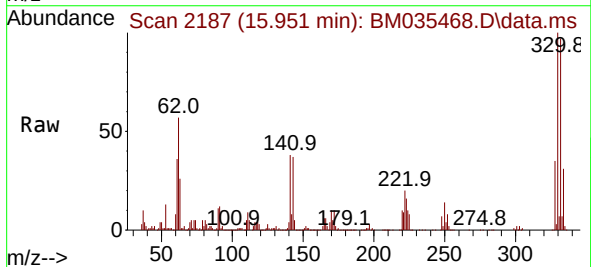
Instrument :  
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ClientSampleId :  
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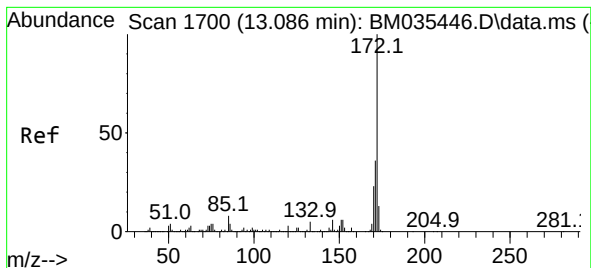
Tgt Ion:164 Resp: 448843  
Ion Ratio Lower Upper  
164 100  
162 101.7 83.0 124.6  
160 44.3 37.0 55.4



#42  
2,4,6-Tribromophenol  
Concen: 167.924 ng  
RT: 15.951 min Scan# 2187  
Delta R.T. -0.006 min  
Lab File: BM035468.D  
Acq: 14 Jun 2022 16:14

Tgt Ion:330 Resp: 802453  
Ion Ratio Lower Upper  
330 100  
332 96.5 77.0 115.4  
141 37.5 35.3 52.9





#45

2-Fluorobiphenyl

Concen: 96.790 ng

RT: 13.080 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM035468.D

Acq: 14 Jun 2022 16:14

Instrument :

BNA\_M

ClientSampleId :

SP-303-20220609

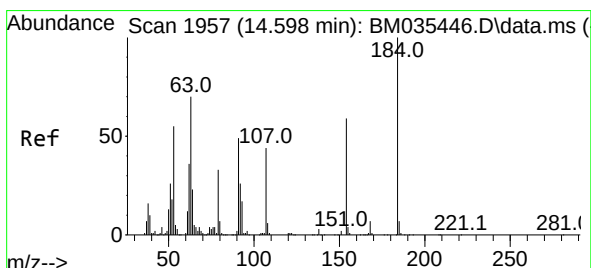
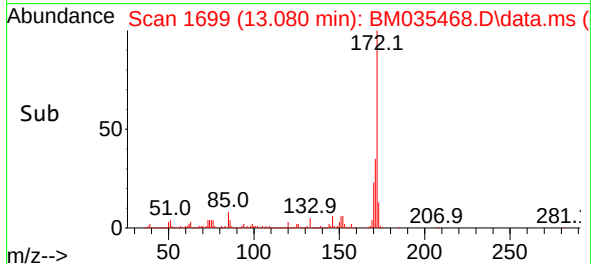
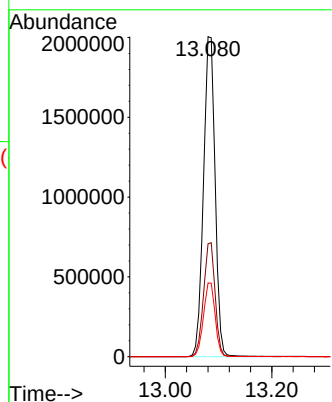
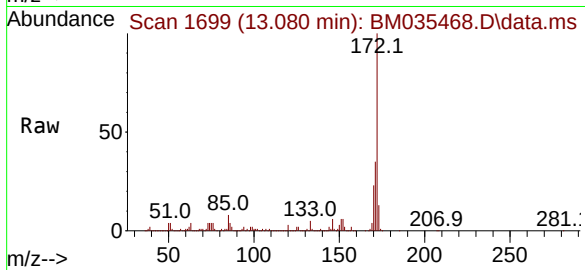
Tgt Ion:172 Resp: 3040945

Ion Ratio Lower Upper

172 100

171 35.3 28.5 42.7

170 23.1 18.7 28.1



#54

2,4-Dinitrophenol

Concen: 6.792 ng

RT: 14.374 min Scan# 1919

Delta R.T. -0.224 min

Lab File: BM035468.D

Acq: 14 Jun 2022 16:14

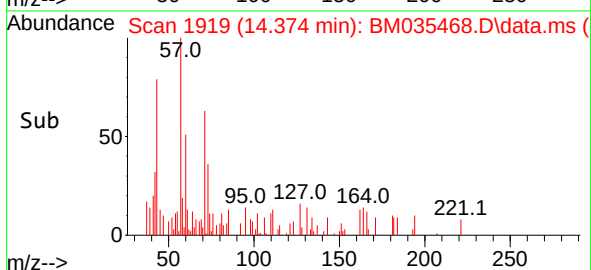
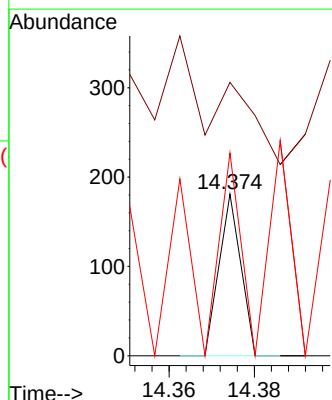
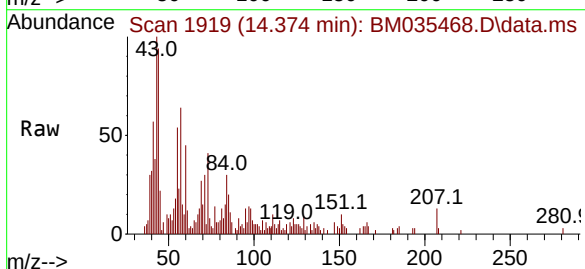
Tgt Ion:184 Resp: 64

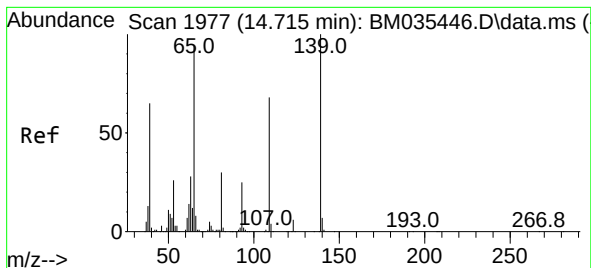
Ion Ratio Lower Upper

184 100

63 169.1 59.5 89.3#

154 125.4 55.6 83.4#

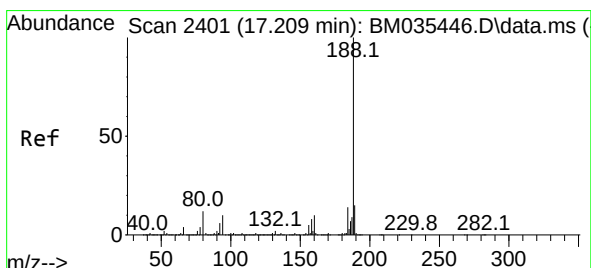
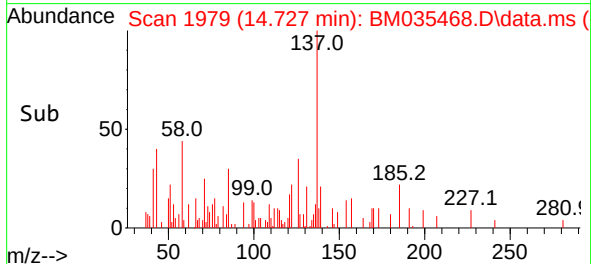
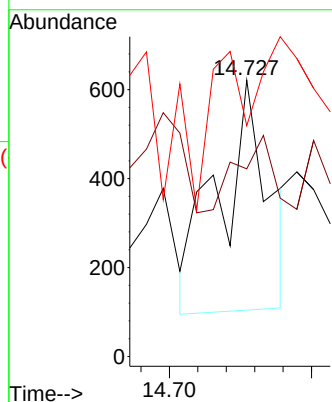
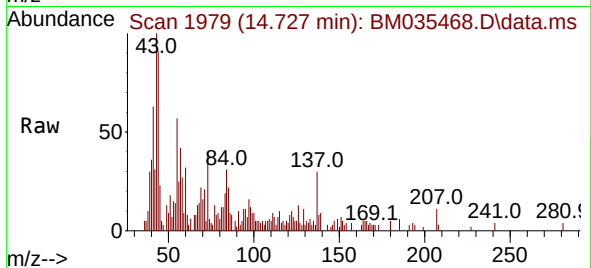




#56  
4-Nitrophenol  
Concen: 5.741 ng  
RT: 14.727 min Scan# 1977  
Delta R.T. 0.012 min  
Lab File: BM035468.D  
Acq: 14 Jun 2022 16:14

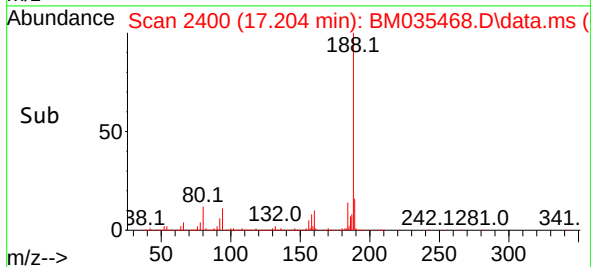
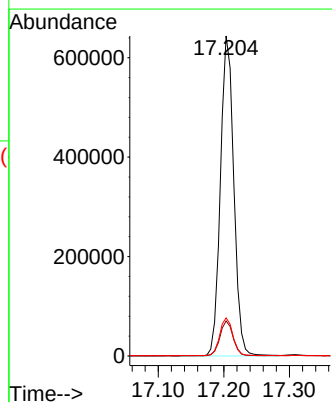
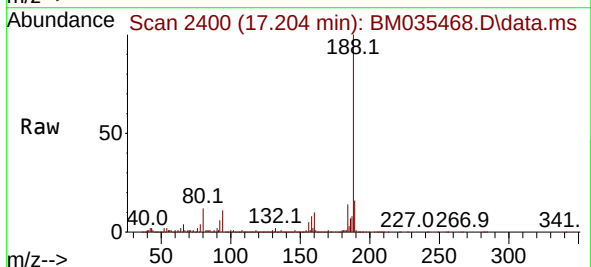
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Tgt Ion:139 Resp: 622  
Ion Ratio Lower Upper  
139 100  
109 68.0 62.5 102.5  
65 83.6 83.5 123.5

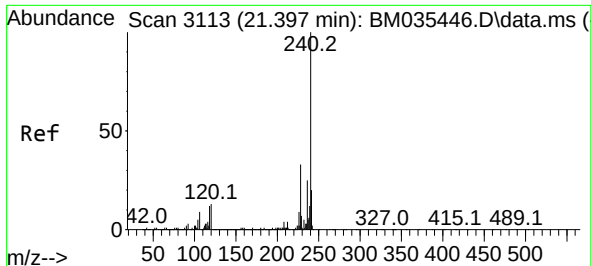


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.204 min Scan# 2400  
Delta R.T. -0.006 min  
Lab File: BM035468.D  
Acq: 14 Jun 2022 16:14

Tgt Ion:188 Resp: 908272  
Ion Ratio Lower Upper  
188 100  
94 10.9 7.0 10.4#  
80 11.9 7.6 11.4#



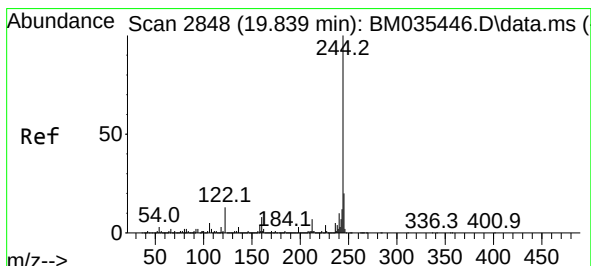
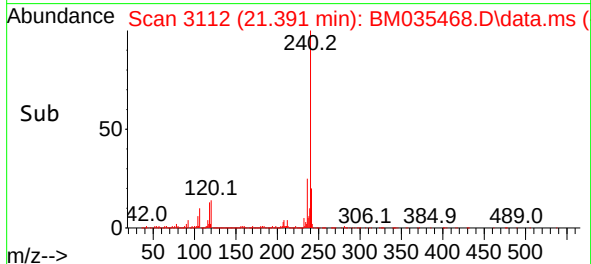
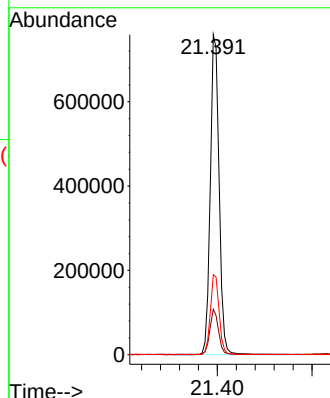
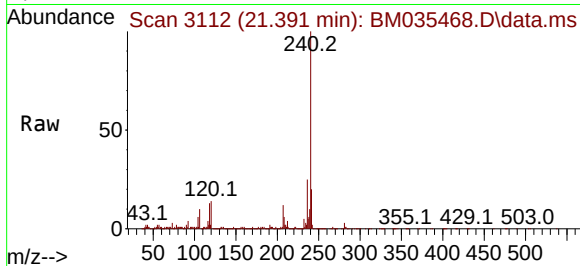




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.391 min Scan# 3112  
Delta R.T. -0.006 min  
Lab File: BM035468.D  
Acq: 14 Jun 2022 16:14

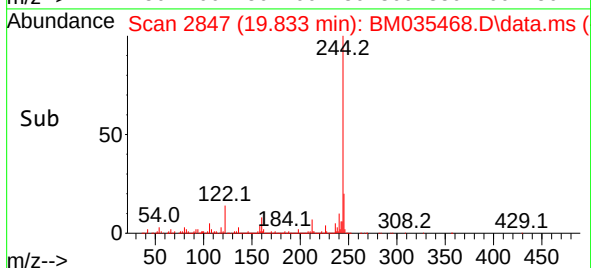
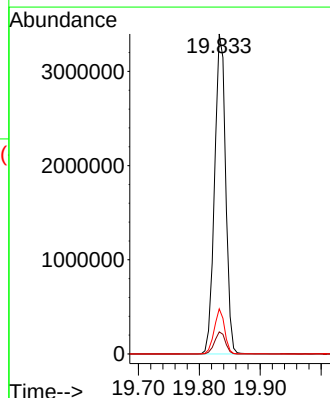
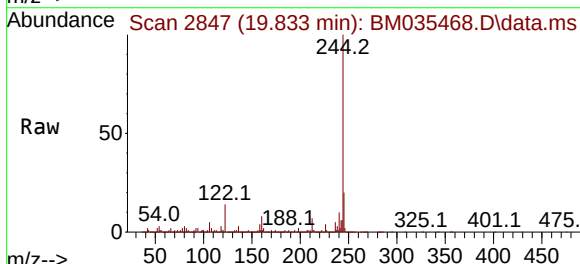
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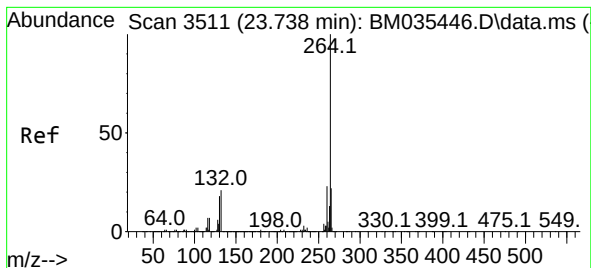
Tgt Ion:240 Resp: 981757  
Ion Ratio Lower Upper  
240 100  
120 14.2 9.4 14.0#  
236 25.0 20.6 30.8



#79  
Terphenyl-d14  
Concen: 83.180 ng  
RT: 19.833 min Scan# 2847  
Delta R.T. -0.006 min  
Lab File: BM035468.D  
Acq: 14 Jun 2022 16:14

Tgt Ion:244 Resp: 4276991  
Ion Ratio Lower Upper  
244 100  
212 6.9 6.2 9.4  
122 14.1 8.3 12.5#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.738 min Scan# 3

Delta R.T. -0.000 min

Lab File: BM035468.D

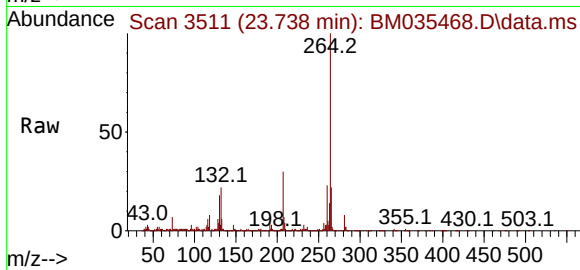
Acq: 14 Jun 2022 16:14

Instrument :

BNA\_M

ClientSampleId :

SP-303-20220609



Tgt Ion:264 Resp: 1114273

Ion Ratio Lower Upper

264 100

260 23.1 18.9 28.3

265 22.1 17.5 26.3

