

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM052722\  
 Data File : BM035293.D  
 Acq On : 27 May 2022 17:34  
 Operator : CG/JU  
 Sample : N2930-07  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 P005-SS003-0006-01

Quant Time: May 28 05:12:06 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM052722.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 27 16:44:39 2022  
 Response via : Initial Calibration

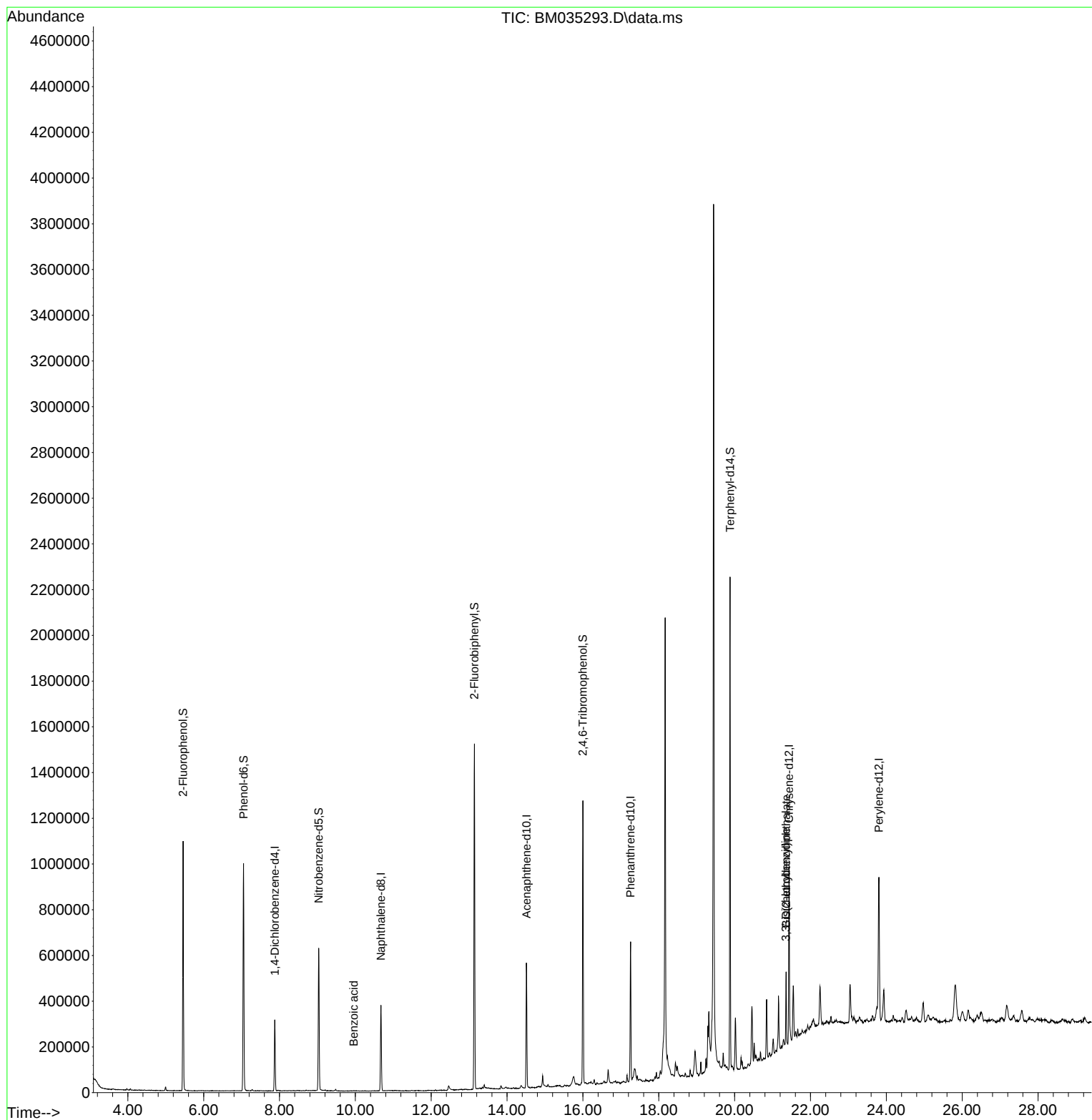
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.875  | 152  | 87749    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.675 | 136  | 312864   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.510 | 164  | 190926   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.257 | 188  | 378610   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.433 | 240  | 383672   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12              | 23.803 | 264  | 486903   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.457  | 112  | 456653   | 96.087  | ng    | 0.00     |
| 7) Phenol-d6                  | 7.051  | 99   | 555433   | 90.258  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.034  | 82   | 344821   | 60.671  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.998 | 330  | 255490   | 103.150 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.139 | 172  | 782011   | 56.800  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.880 | 244  | 1033557  | 47.735  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 32) Benzoic acid              | 9.957  | 122  | 54       | 2.920   | ng    | # 19     |
| 82) 3,3'-Dichlorobenzidine    | 21.350 | 252  | 14264    | 2.375   | ng    | # 35     |
| 84) Bis(2-ethylhexyl)phtha... | 21.356 | 149  | 110781   | 8.139   | ng    | # 93     |
| -----                         |        |      |          |         |       |          |

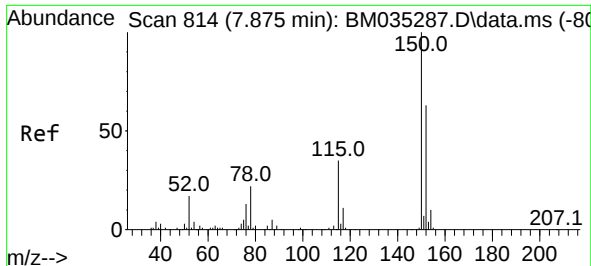
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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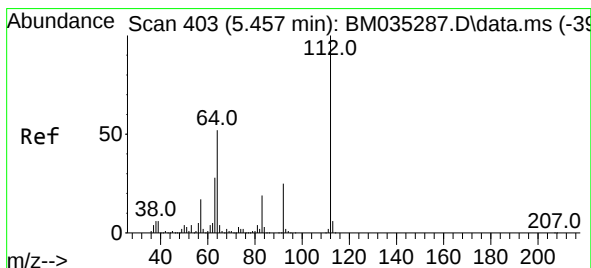
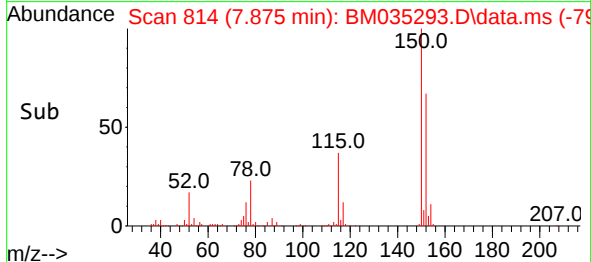
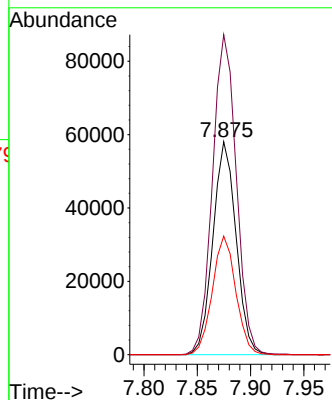
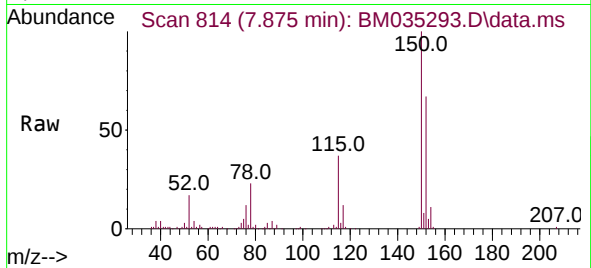




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.875 min Scan# 814  
Delta R.T. -0.000 min  
Lab File: BM035293.D  
Acq: 27 May 2022 17:34

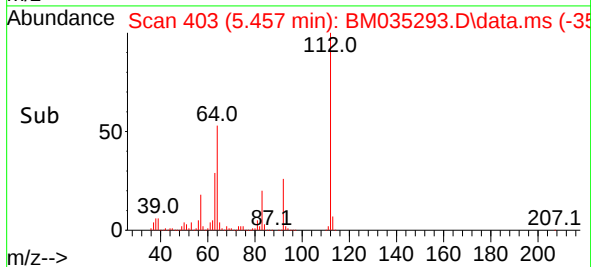
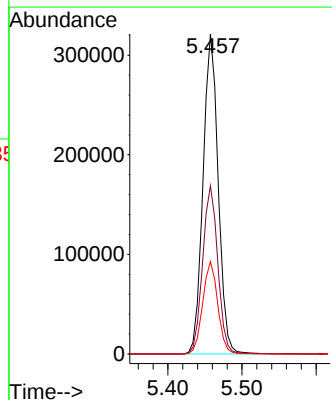
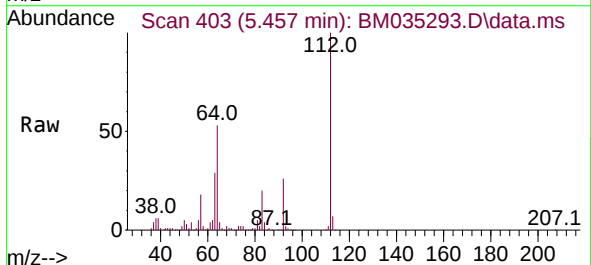
Instrument :  
BNA\_M  
ClientSampleId :  
P005-SS003-0006-01

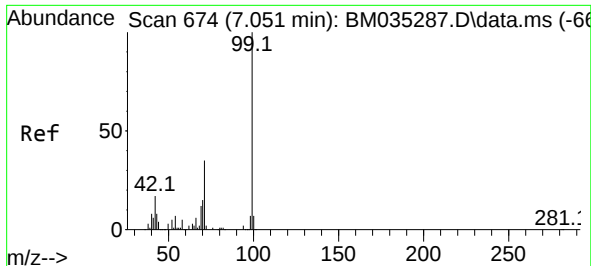
Tgt Ion:152 Resp: 87749  
Ion Ratio Lower Upper  
152 100  
150 150.2 124.9 187.3  
115 55.7 47.9 71.9



#5  
2-Fluorophenol  
Concen: 96.087 ng  
RT: 5.457 min Scan# 403  
Delta R.T. 0.000 min  
Lab File: BM035293.D  
Acq: 27 May 2022 17:34

Tgt Ion:112 Resp: 456653  
Ion Ratio Lower Upper  
112 100  
64 52.6 47.8 71.6  
63 28.9 26.6 40.0

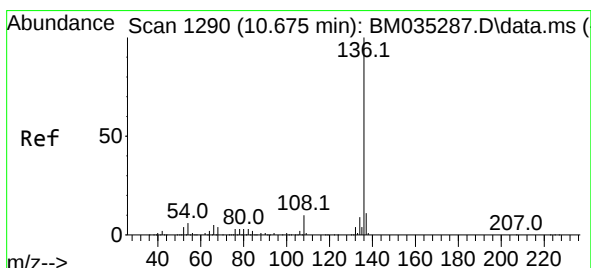
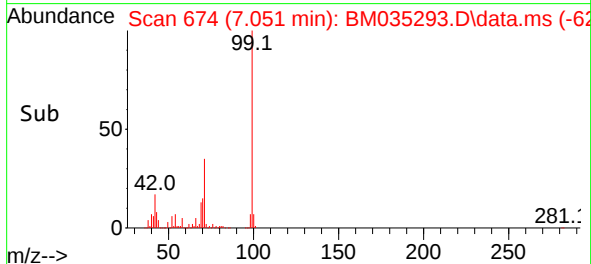
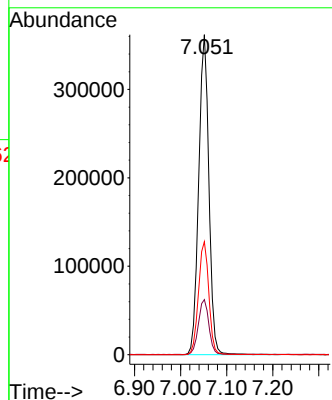
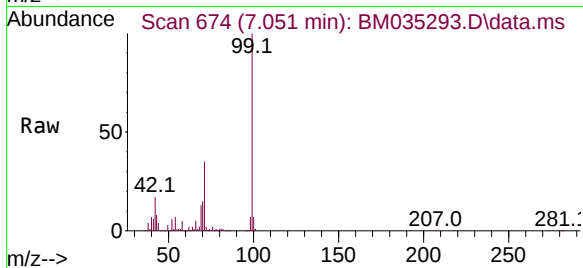




#7  
Phenol-d6  
Concen: 90.258 ng  
RT: 7.051 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: BM035293.D  
Acq: 27 May 2022 17:34

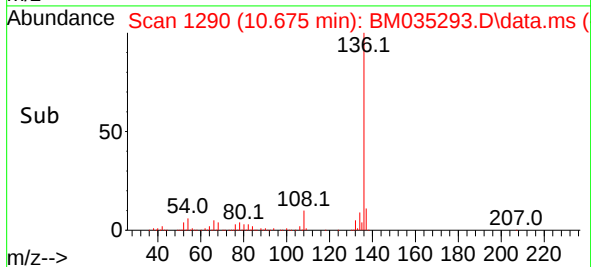
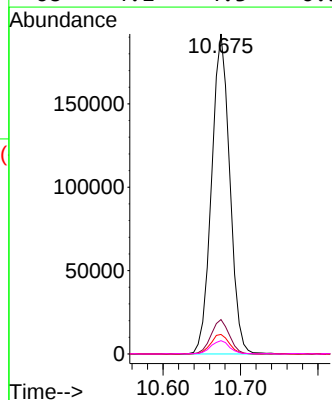
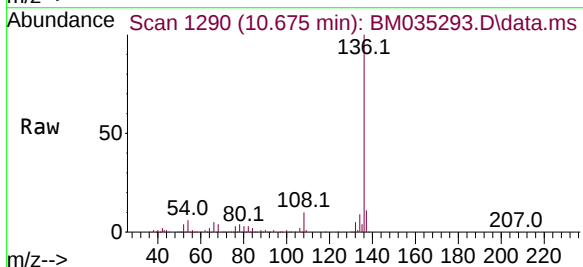
Instrument :  
BNA\_M  
ClientSampleId :  
P005-SS003-0006-01

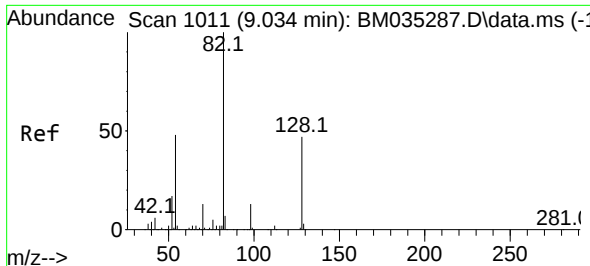
Tgt Ion: 99 Resp: 555433  
Ion Ratio Lower Upper  
99 100  
42 17.2 18.8 28.2#  
71 35.3 30.2 45.2



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.675 min Scan# 1290  
Delta R.T. -0.000 min  
Lab File: BM035293.D  
Acq: 27 May 2022 17:34

Tgt Ion: 136 Resp: 312864  
Ion Ratio Lower Upper  
136 100  
137 10.7 8.9 13.3  
54 6.1 7.0 10.4#  
68 4.1 4.3 6.5#

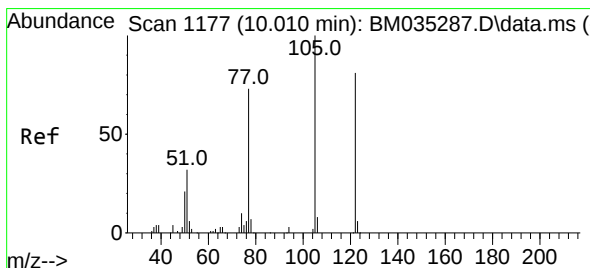
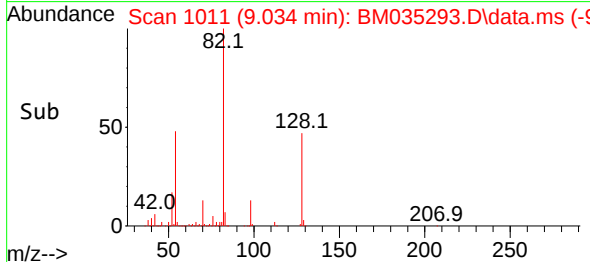
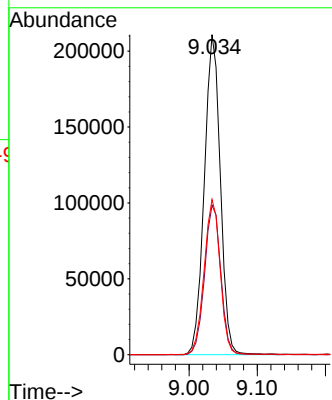
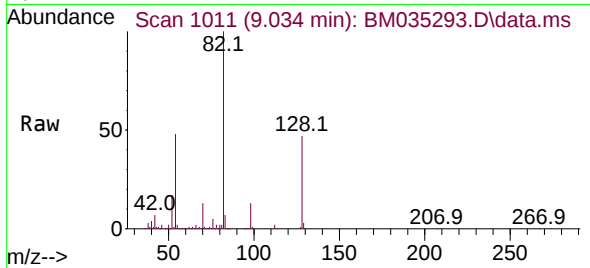




#23  
Nitrobenzene-d5  
Concen: 60.671 ng  
RT: 9.034 min Scan# 1168  
Delta R.T. -0.000 min  
Lab File: BM035293.D  
Acq: 27 May 2022 17:34

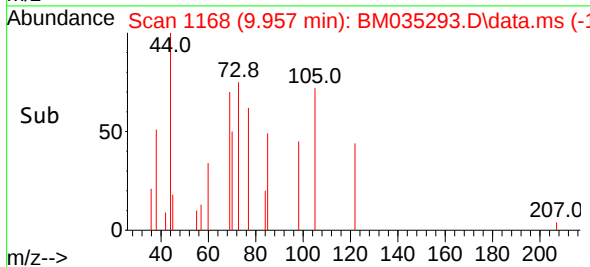
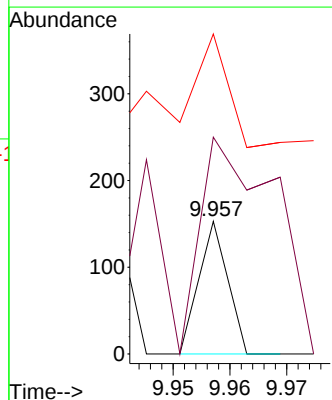
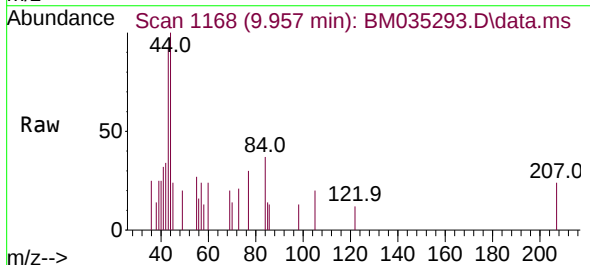
Instrument :  
BNA\_M  
ClientSampleId :  
P005-SS003-0006-01

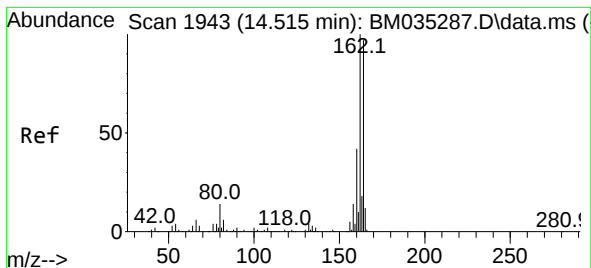
Tgt Ion: 82 Resp: 344821  
Ion Ratio Lower Upper  
82 100  
128 46.7 33.7 50.5  
54 48.5 43.2 64.8



#32  
Benzoic acid  
Concen: 2.920 ng  
RT: 9.957 min Scan# 1168  
Delta R.T. -0.053 min  
Lab File: BM035293.D  
Acq: 27 May 2022 17:34

Tgt Ion:122 Resp: 54  
Ion Ratio Lower Upper  
122 100  
105 163.4 105.7 145.7#  
77 241.2 80.0 120.0#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.510 min Scan# 1943

Delta R.T. -0.005 min

Lab File: BM035293.D

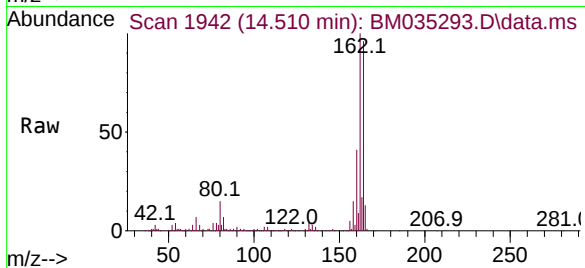
Acq: 27 May 2022 17:34

Instrument :

BNA\_M

ClientSampleId :

P005-SS003-0006-01



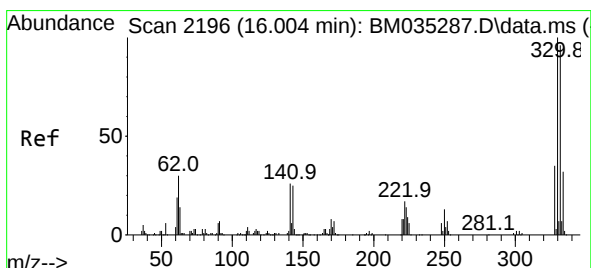
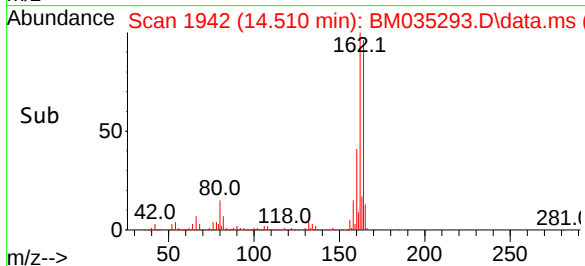
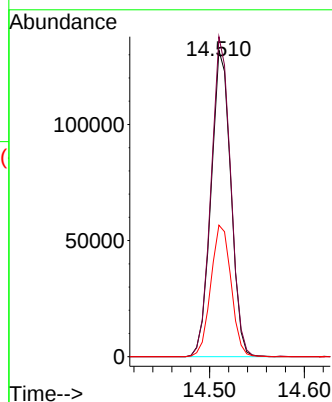
Tgt Ion:164 Resp: 190926

Ion Ratio Lower Upper

164 100

162 104.4 83.0 124.6

160 42.9 37.0 55.4



#42

2,4,6-Tribromophenol

Concen: 103.150 ng

RT: 15.998 min Scan# 2195

Delta R.T. -0.006 min

Lab File: BM035293.D

Acq: 27 May 2022 17:34

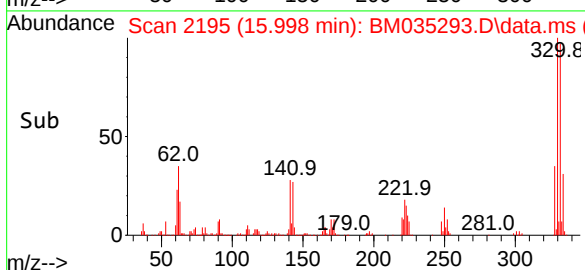
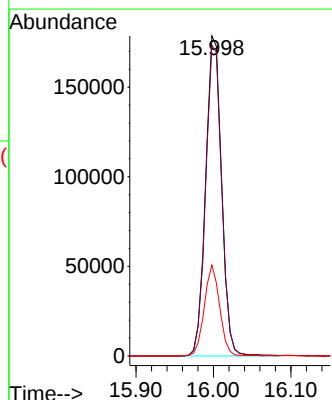
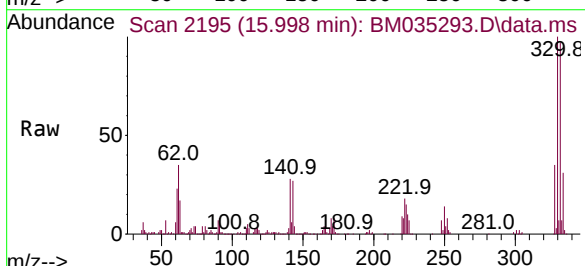
Tgt Ion:330 Resp: 255490

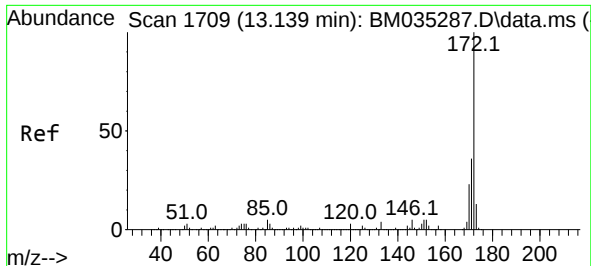
Ion Ratio Lower Upper

330 100

332 97.8 77.0 115.4

141 27.3 35.3 52.9#

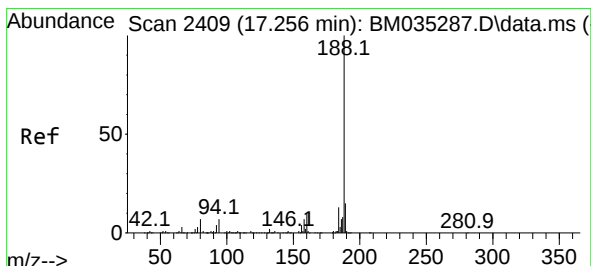
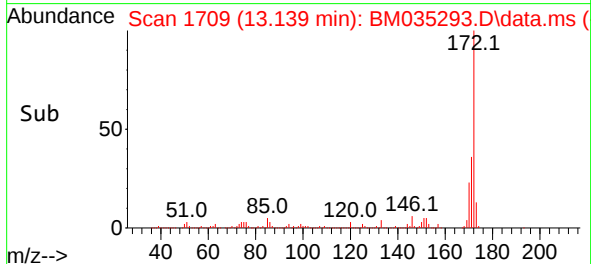
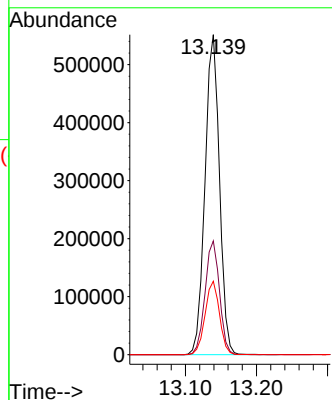
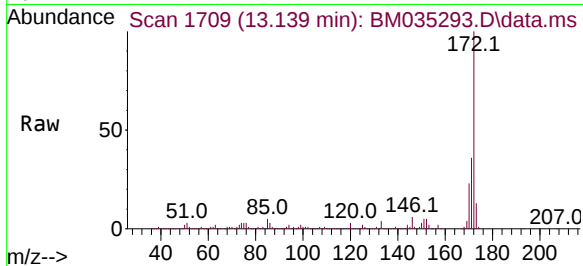




#45  
2-Fluorobiphenyl  
Concen: 56.800 ng  
RT: 13.139 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BM035293.D  
Acq: 27 May 2022 17:34

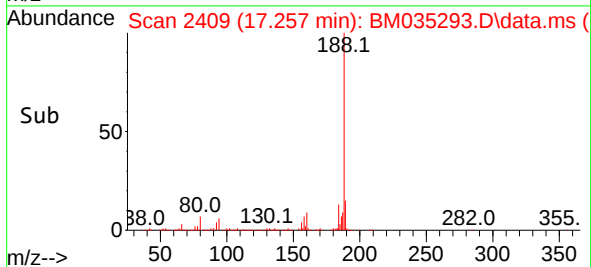
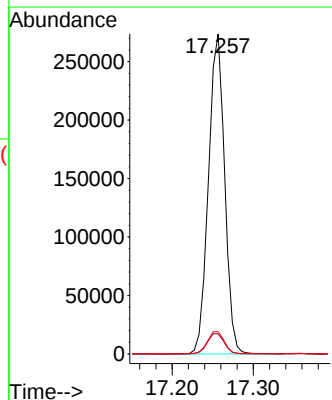
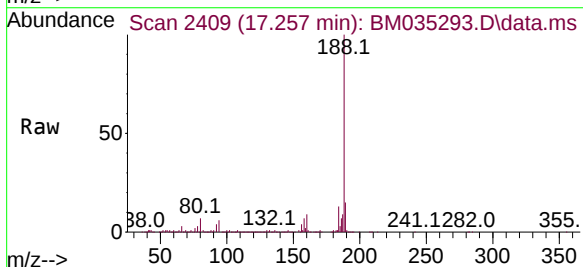
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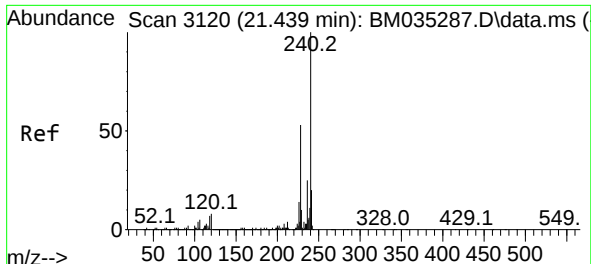
Tgt Ion:172 Resp: 782011  
Ion Ratio Lower Upper  
172 100  
171 35.5 28.5 42.7  
170 23.0 18.7 28.1



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.257 min Scan# 2409  
Delta R.T. 0.000 min  
Lab File: BM035293.D  
Acq: 27 May 2022 17:34

Tgt Ion:188 Resp: 378610  
Ion Ratio Lower Upper  
188 100  
94 6.2 7.0 10.4#  
80 6.9 7.6 11.4#

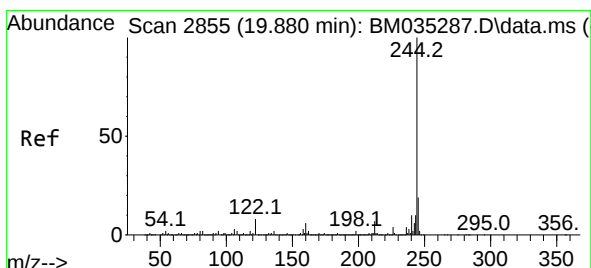
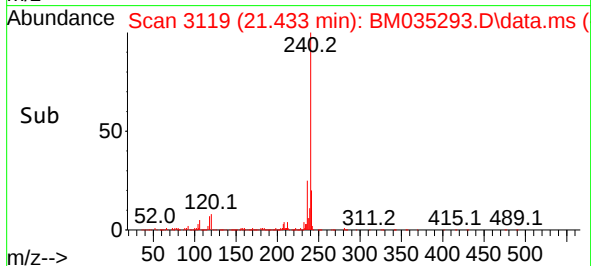
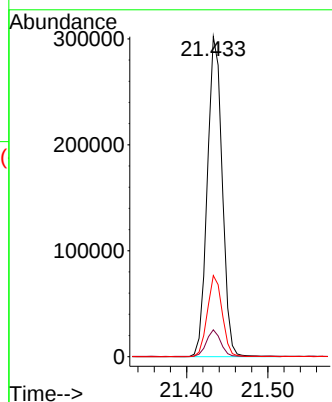
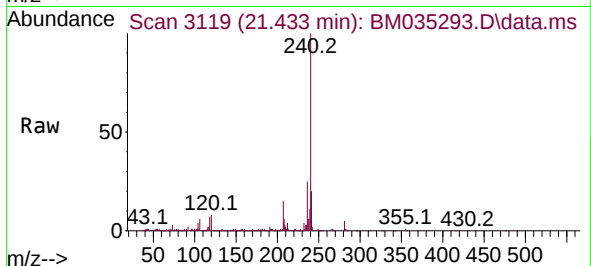




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.433 min Scan# 3119  
Delta R.T. -0.006 min  
Lab File: BM035293.D  
Acq: 27 May 2022 17:34

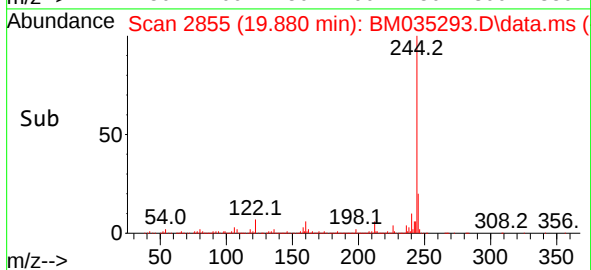
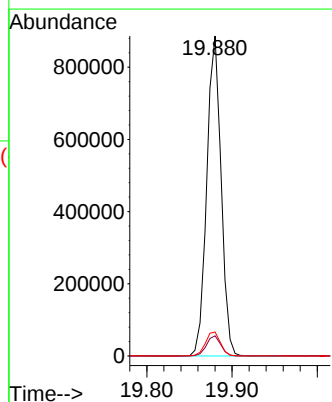
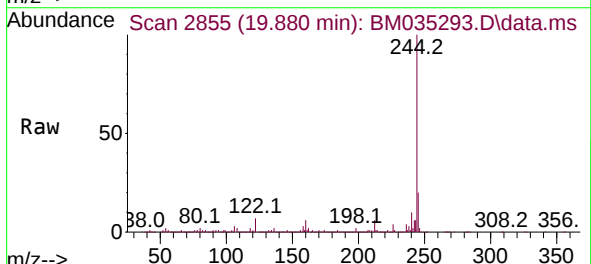
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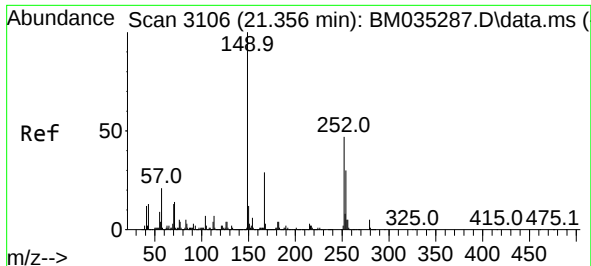
Tgt Ion:240 Resp: 383672  
Ion Ratio Lower Upper  
240 100  
120 8.4 9.4 14.0#  
236 25.3 20.6 30.8



#79  
Terphenyl-d14  
Concen: 47.735 ng  
RT: 19.880 min Scan# 2855  
Delta R.T. -0.000 min  
Lab File: BM035293.D  
Acq: 27 May 2022 17:34

Tgt Ion:244 Resp: 1033557  
Ion Ratio Lower Upper  
244 100  
212 6.3 6.2 9.4  
122 7.5 8.3 12.5#

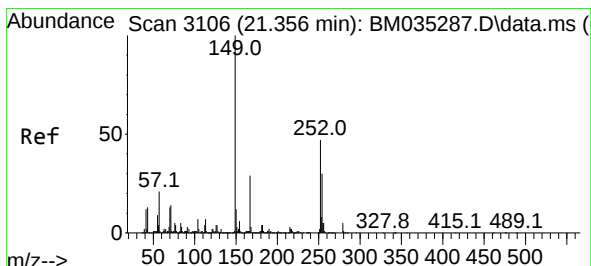
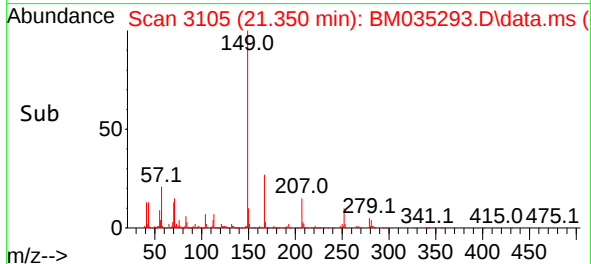
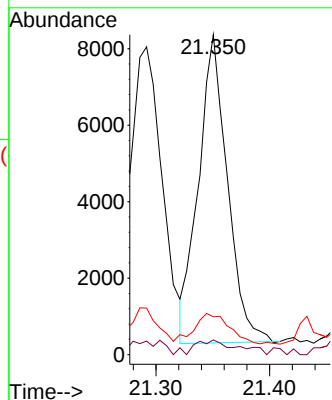
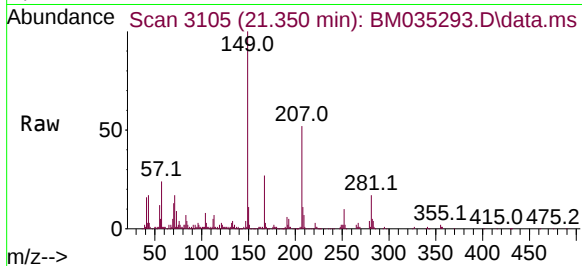




#82  
3,3'-Dichlorobenzidine  
Concen: 2.375 ng  
RT: 21.350 min Scan# 3105  
Delta R.T. -0.006 min  
Lab File: BM035293.D  
Acq: 27 May 2022 17:34

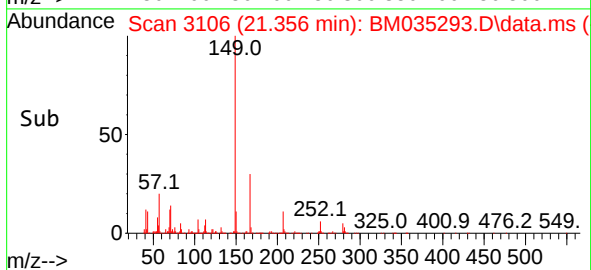
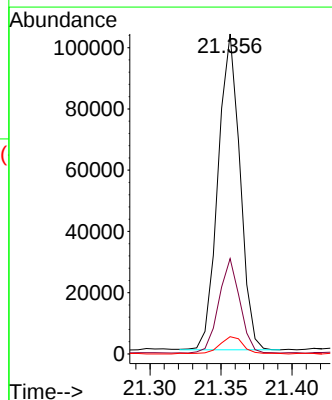
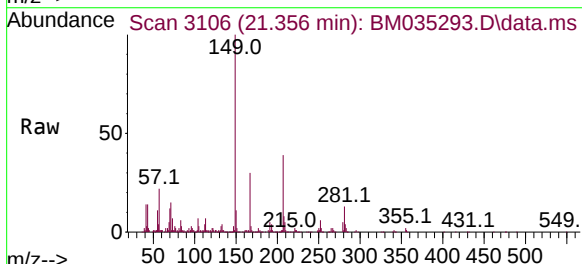
Instrument :  
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P005-SS003-0006-01

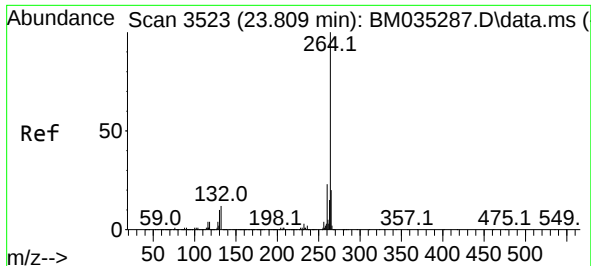
Tgt Ion:252 Resp: 14264  
Ion Ratio Lower Upper  
252 100  
254 4.6 51.7 77.5#  
126 11.9 9.4 14.0



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 8.139 ng  
RT: 21.356 min Scan# 3106  
Delta R.T. 0.000 min  
Lab File: BM035293.D  
Acq: 27 May 2022 17:34

Tgt Ion:149 Resp: 110781  
Ion Ratio Lower Upper  
149 100  
167 29.8 21.1 31.7  
279 5.4 2.8 4.2#





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.803 min Scan# 31  
 Delta R.T. -0.006 min  
 Lab File: BM035293.D  
 Acq: 27 May 2022 17:34

Instrument :  
 BNA\_M  
 ClientSampleId :  
 P005-SS003-0006-01

Tgt Ion:264 Resp: 486903  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.8  | 18.9  | 28.3  |
| 265 | 22.7  | 17.5  | 26.3  |

