

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG111122\  
 Data File : BG055565.D  
 Acq On : 11 Nov 2022 13:39  
 Operator : CG/JU  
 Sample : N5531-13  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-28B

Quant Time: Nov 11 16:31:30 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG110922.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Nov 10 03:39:46 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.268  | 152  | 47188    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 11.099 | 136  | 177635   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.883 | 164  | 119915   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.627 | 188  | 293055   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.916 | 240  | 331532   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12            | 25.336 | 264  | 345240   | 20.000  | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.794  | 112  | 483883   | 195.318 | ng    | 0.00     |
| 7) Phenol-d6                | 7.404  | 99   | 608003   | 177.668 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.437  | 82   | 365164   | 139.359 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.364 | 330  | 292456   | 249.959 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.514 | 172  | 864550   | 108.751 | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.212 | 244  | 1702940  | 103.171 | ng    | 0.00     |

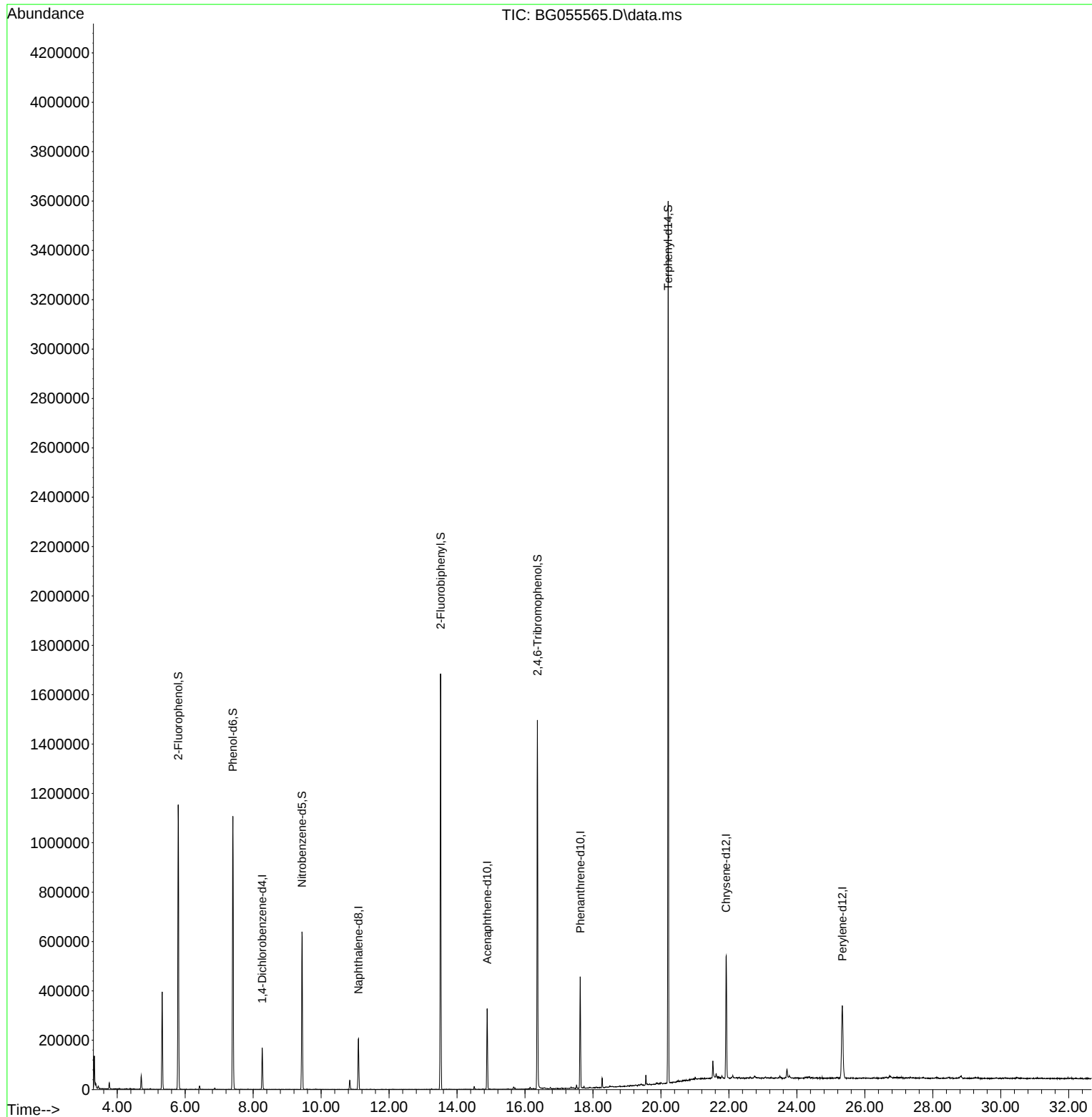
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            | -----  |

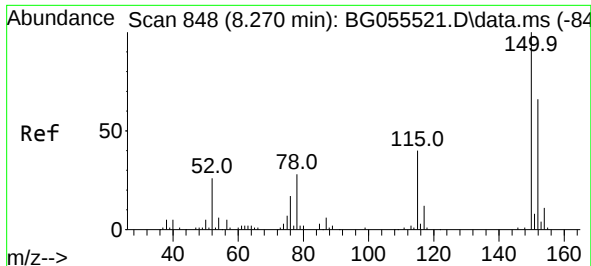
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Nov 10 03:39:46 2022  
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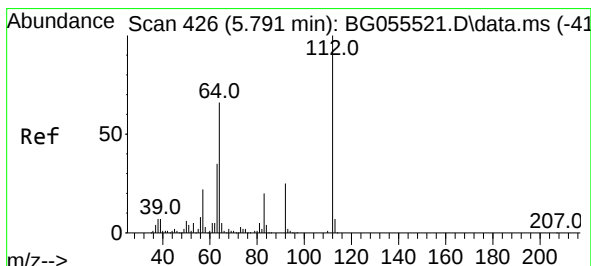
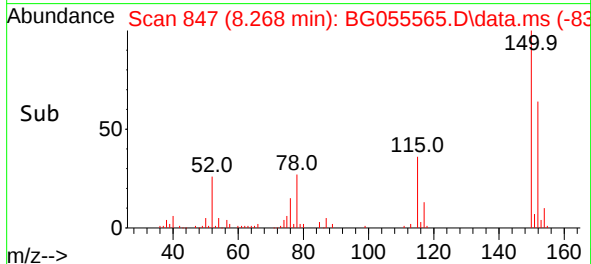
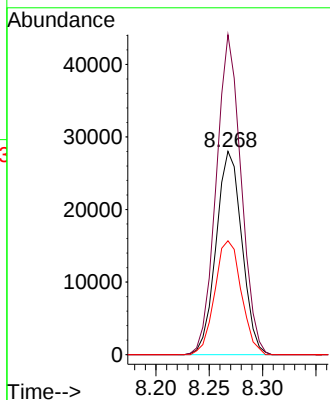
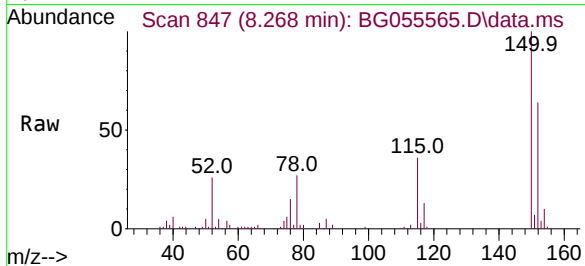




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.268 min Scan# 84  
Delta R.T. -0.002 min  
Lab File: BG055565.D  
Acq: 11 Nov 2022 13:39

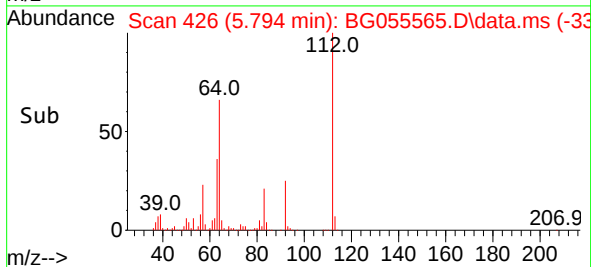
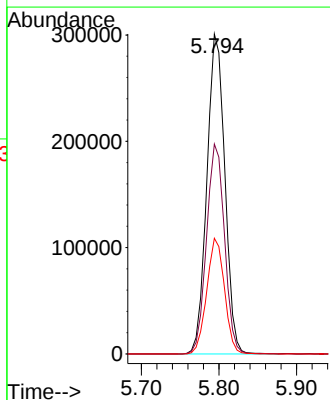
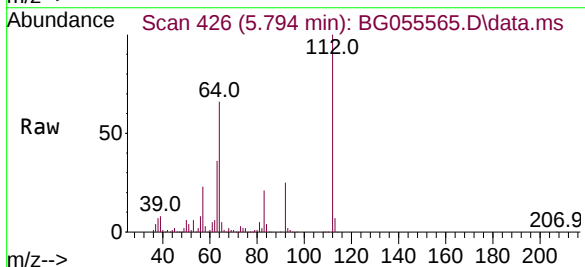
Instrument :  
BNA\_G  
ClientSampleId :  
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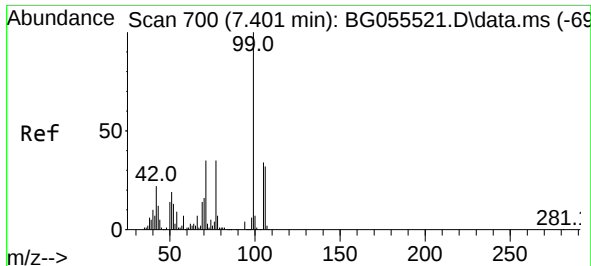
Tgt Ion:152 Resp: 47188  
Ion Ratio Lower Upper  
152 100  
150 157.5 121.0 181.4  
115 56.0 47.8 71.8



#5  
2-Fluorophenol  
Concen: 195.318 ng  
RT: 5.794 min Scan# 426  
Delta R.T. 0.003 min  
Lab File: BG055565.D  
Acq: 11 Nov 2022 13:39

Tgt Ion:112 Resp: 483883  
Ion Ratio Lower Upper  
112 100  
64 65.6 52.6 78.8  
63 36.1 28.3 42.5

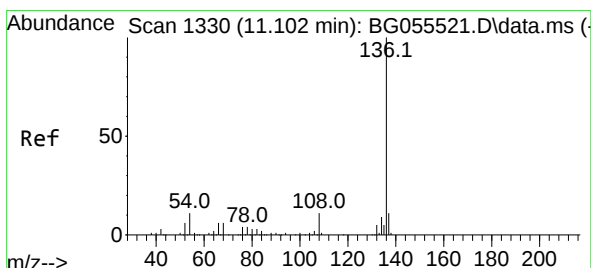
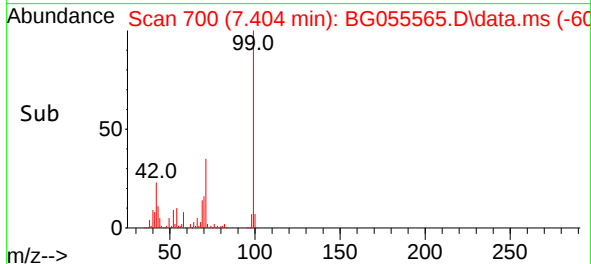
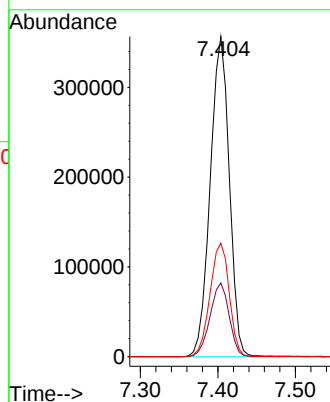
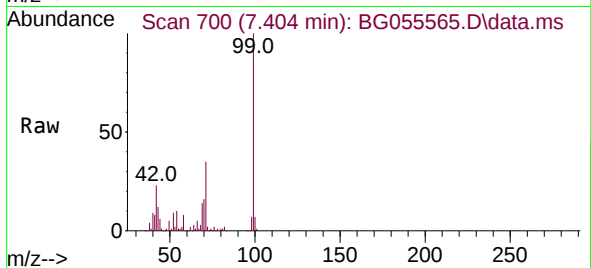




#7  
Phenol-d6  
Concen: 177.668 ng  
RT: 7.404 min Scan# 700  
Delta R.T. 0.003 min  
Lab File: BG055565.D  
Acq: 11 Nov 2022 13:39

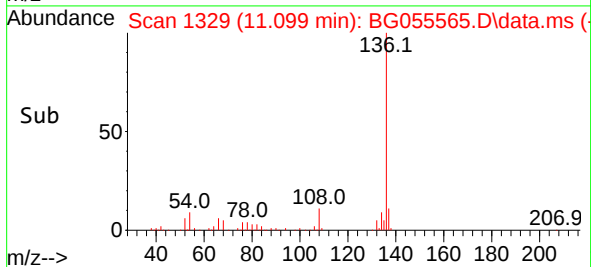
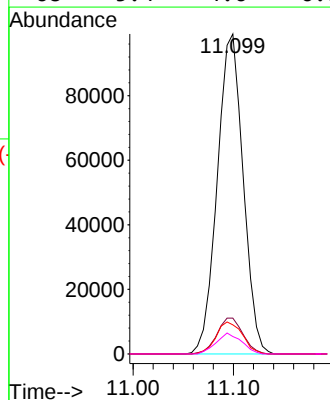
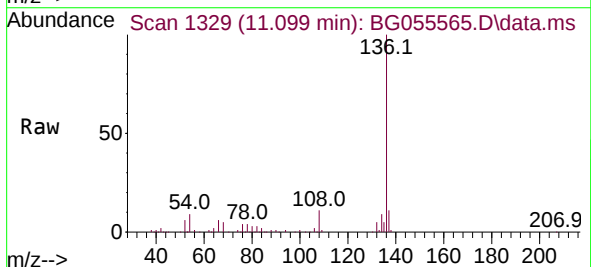
Instrument :  
BNA\_G  
ClientSampleId :  
SB-28B

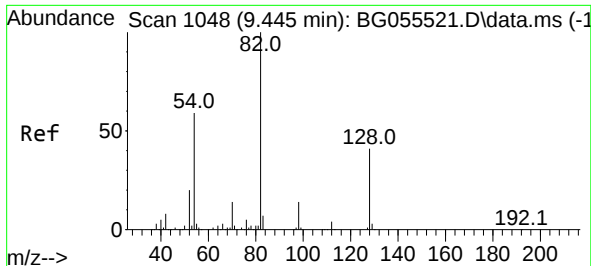
Tgt Ion: 99 Resp: 608003  
Ion Ratio Lower Upper  
99 100  
42 23.1 17.5 26.3  
71 35.5 28.3 42.5



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.099 min Scan# 1329  
Delta R.T. -0.003 min  
Lab File: BG055565.D  
Acq: 11 Nov 2022 13:39

Tgt Ion:136 Resp: 177635  
Ion Ratio Lower Upper  
136 100  
137 11.2 8.6 12.8  
54 9.1 8.6 12.8  
68 5.4 4.6 6.8

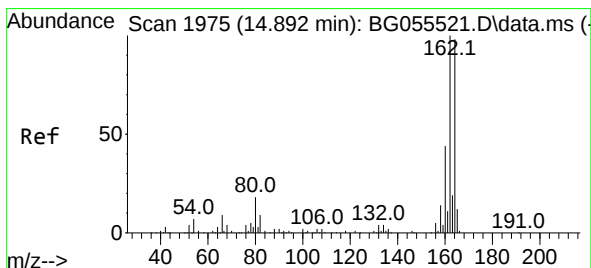
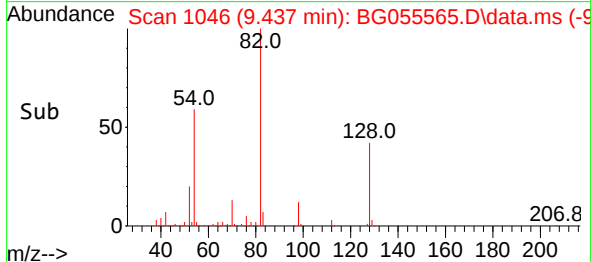
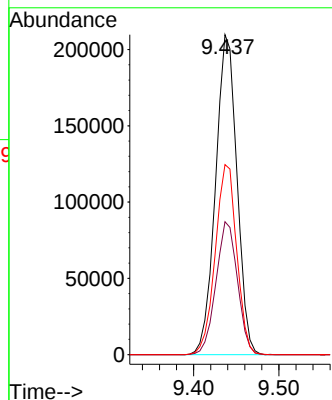
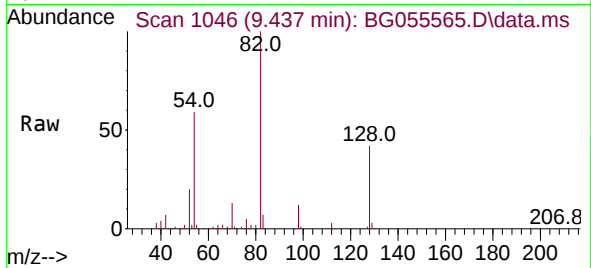




#23  
Nitrobenzene-d5  
Concen: 139.359 ng  
RT: 9.437 min Scan# 1046  
Delta R.T. -0.008 min  
Lab File: BG055565.D  
Acq: 11 Nov 2022 13:39

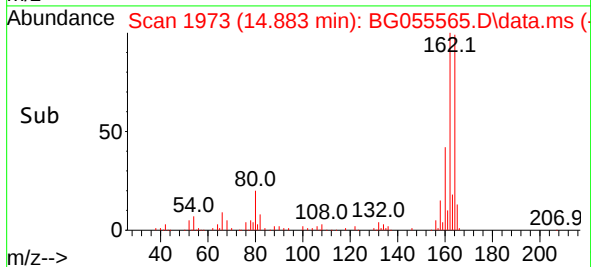
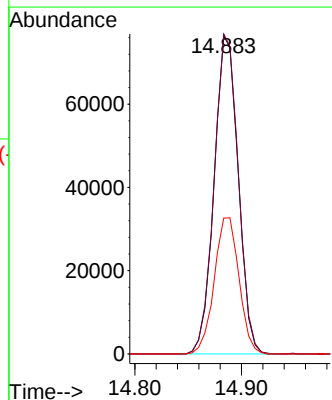
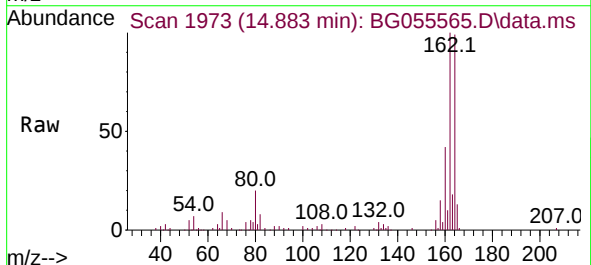
Instrument :  
BNA\_G  
ClientSampleId :  
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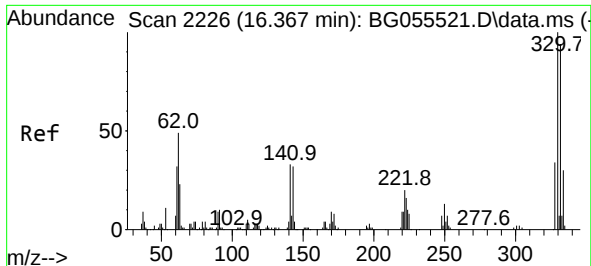
Tgt Ion: 82 Resp: 365164  
Ion Ratio Lower Upper  
82 100  
128 41.5 32.6 49.0  
54 59.4 47.3 70.9



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.883 min Scan# 1973  
Delta R.T. -0.009 min  
Lab File: BG055565.D  
Acq: 11 Nov 2022 13:39

Tgt Ion: 164 Resp: 119915  
Ion Ratio Lower Upper  
164 100  
162 100.6 81.3 121.9  
160 42.7 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 249.959 ng

RT: 16.364 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG055565.D

Acq: 11 Nov 2022 13:39

Instrument :

BNA\_G

ClientSampleId :

SB-28B

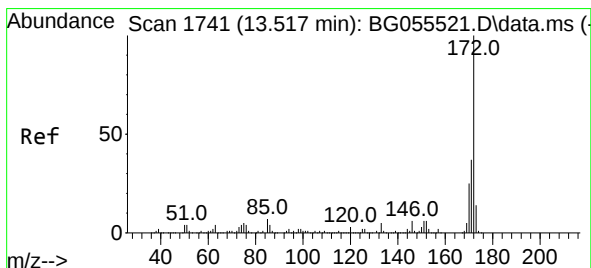
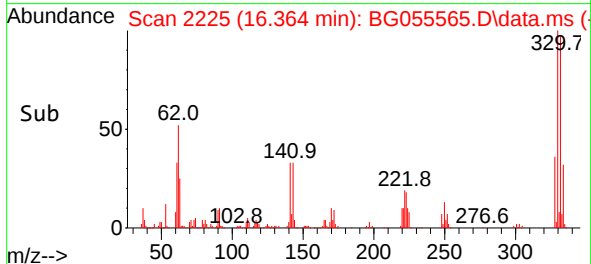
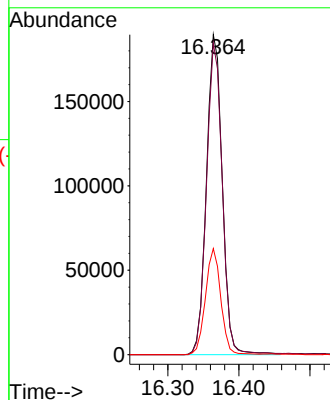
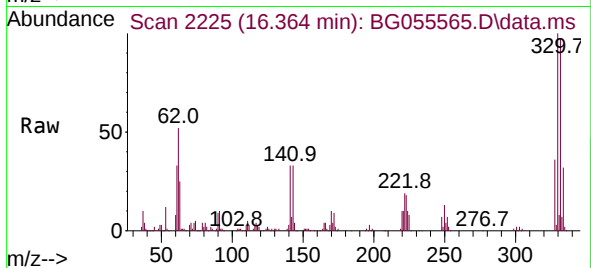
Tgt Ion:330 Resp: 292456

Ion Ratio Lower Upper

330 100

332 97.2 77.4 116.2

141 32.1 25.4 38.2



#45

2-Fluorobiphenyl

Concen: 108.751 ng

RT: 13.514 min Scan# 1740

Delta R.T. -0.003 min

Lab File: BG055565.D

Acq: 11 Nov 2022 13:39

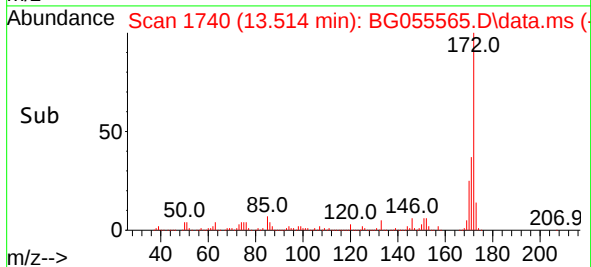
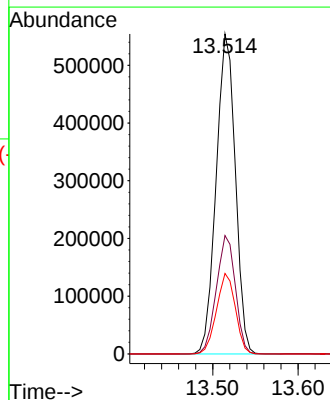
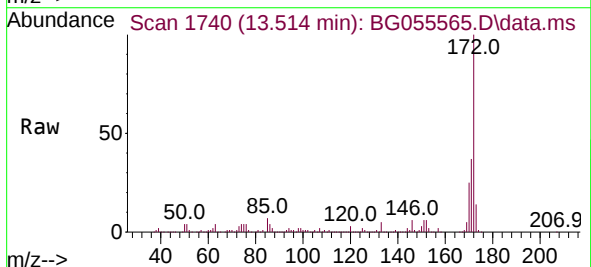
Tgt Ion:172 Resp: 864550

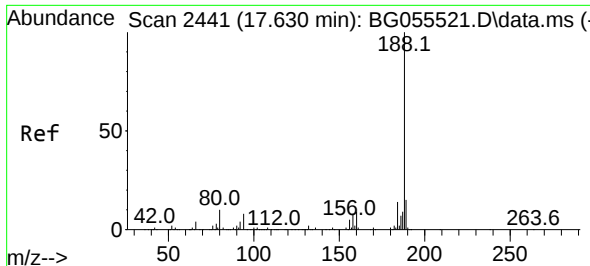
Ion Ratio Lower Upper

172 100

171 37.0 29.7 44.5

170 25.2 19.8 29.6

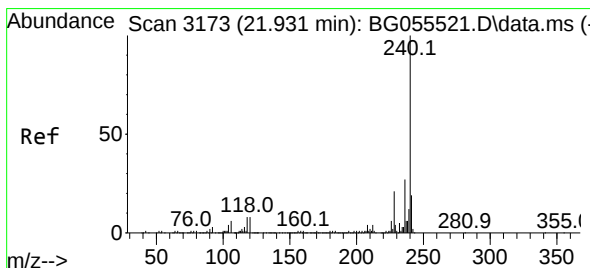
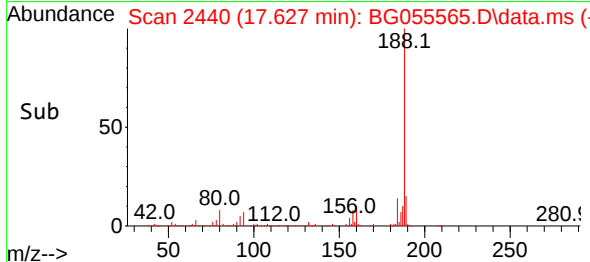
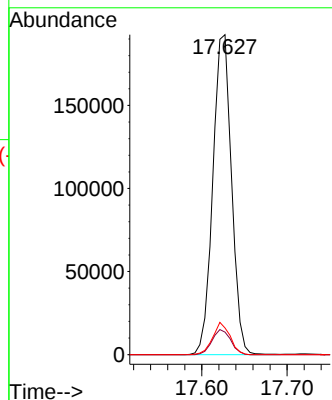
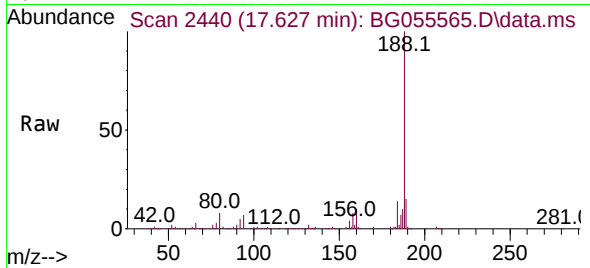




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.627 min Scan# 2441  
Delta R.T. -0.003 min  
Lab File: BG055565.D  
Acq: 11 Nov 2022 13:39

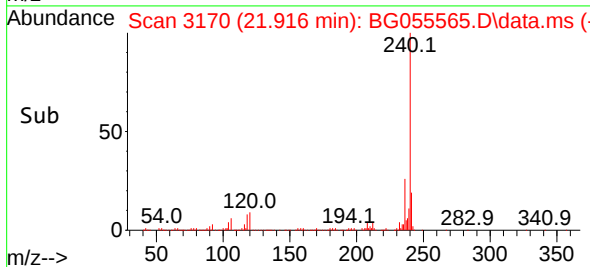
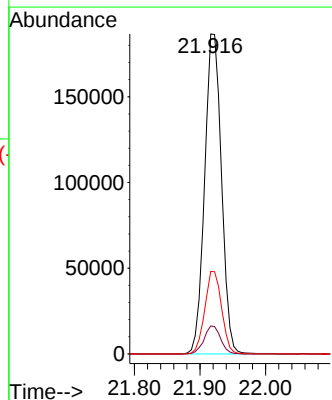
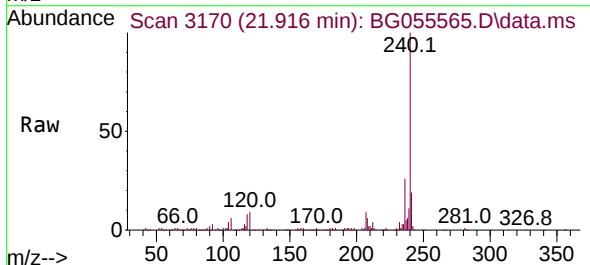
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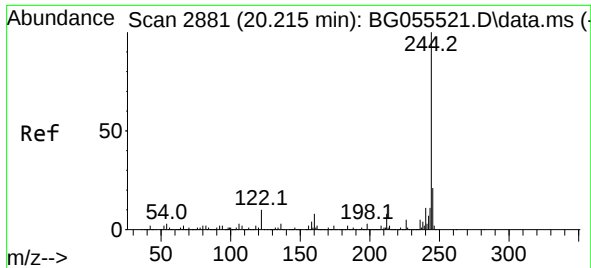
Tgt Ion:188 Resp: 293055  
Ion Ratio Lower Upper  
188 100  
94 7.0 6.4 9.6  
80 8.3 7.6 11.4



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.916 min Scan# 3170  
Delta R.T. -0.015 min  
Lab File: BG055565.D  
Acq: 11 Nov 2022 13:39

Tgt Ion:240 Resp: 331532  
Ion Ratio Lower Upper  
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120 8.7 6.1 9.1  
236 25.8 21.4 32.0

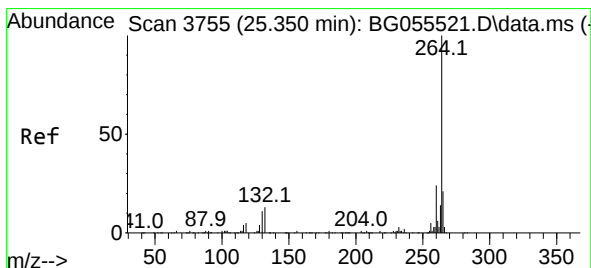
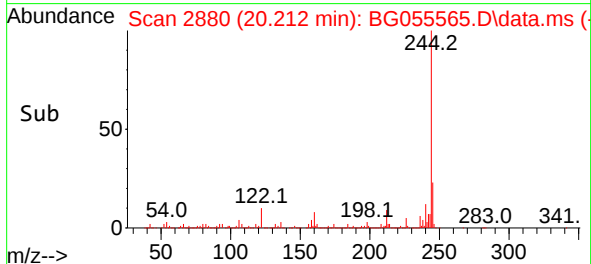
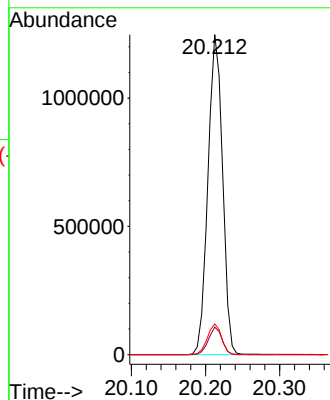
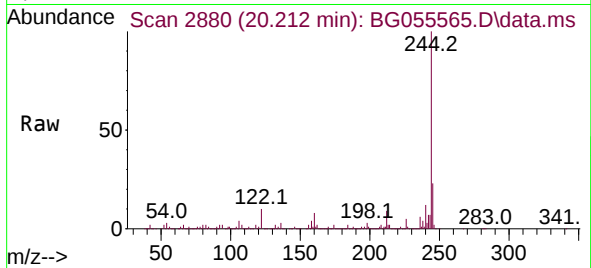




#79  
 Terphenyl-d14  
 Concen: 103.171 ng  
 RT: 20.212 min Scan# 2880  
 Delta R.T. -0.003 min  
 Lab File: BG055565.D  
 Acq: 11 Nov 2022 13:39

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-28B

Tgt Ion:244 Resp: 1702940  
 Ion Ratio Lower Upper  
 244 100  
 212 8.6 6.5 9.7  
 122 9.6 7.7 11.5



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.336 min Scan# 3752  
 Delta R.T. -0.014 min  
 Lab File: BG055565.D  
 Acq: 11 Nov 2022 13:39

Tgt Ion:264 Resp: 345240  
 Ion Ratio Lower Upper  
 264 100  
 260 24.7 19.4 29.2  
 265 21.6 17.1 25.7

