

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG102922\  
 Data File : BG055366.D  
 Acq On : 29 Oct 2022 15:24  
 Operator : CG/JU  
 Sample : N5272-03  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 20221104-COMP-03

Quant Time: Oct 31 02:43:49 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG102422.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Oct 29 04:52:38 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.265  | 152  | 26874    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 11.091 | 136  | 111316   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.875 | 164  | 76472    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.607 | 188  | 190839   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12            | 21.884 | 240  | 193990   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 25.274 | 264  | 205317   | 20.000  | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.785  | 112  | 169844   | 110.662 | ng    | 0.00     |
| 7) Phenol-d6                | 7.407  | 99   | 221263   | 99.508  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.434  | 82   | 128514   | 58.952  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.355 | 330  | 106442   | 128.040 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.500 | 172  | 305440   | 65.374  | ng    | -0.01    |
| 79) Terphenyl-d14           | 20.180 | 244  | 582394   | 62.376  | ng    | 0.00     |

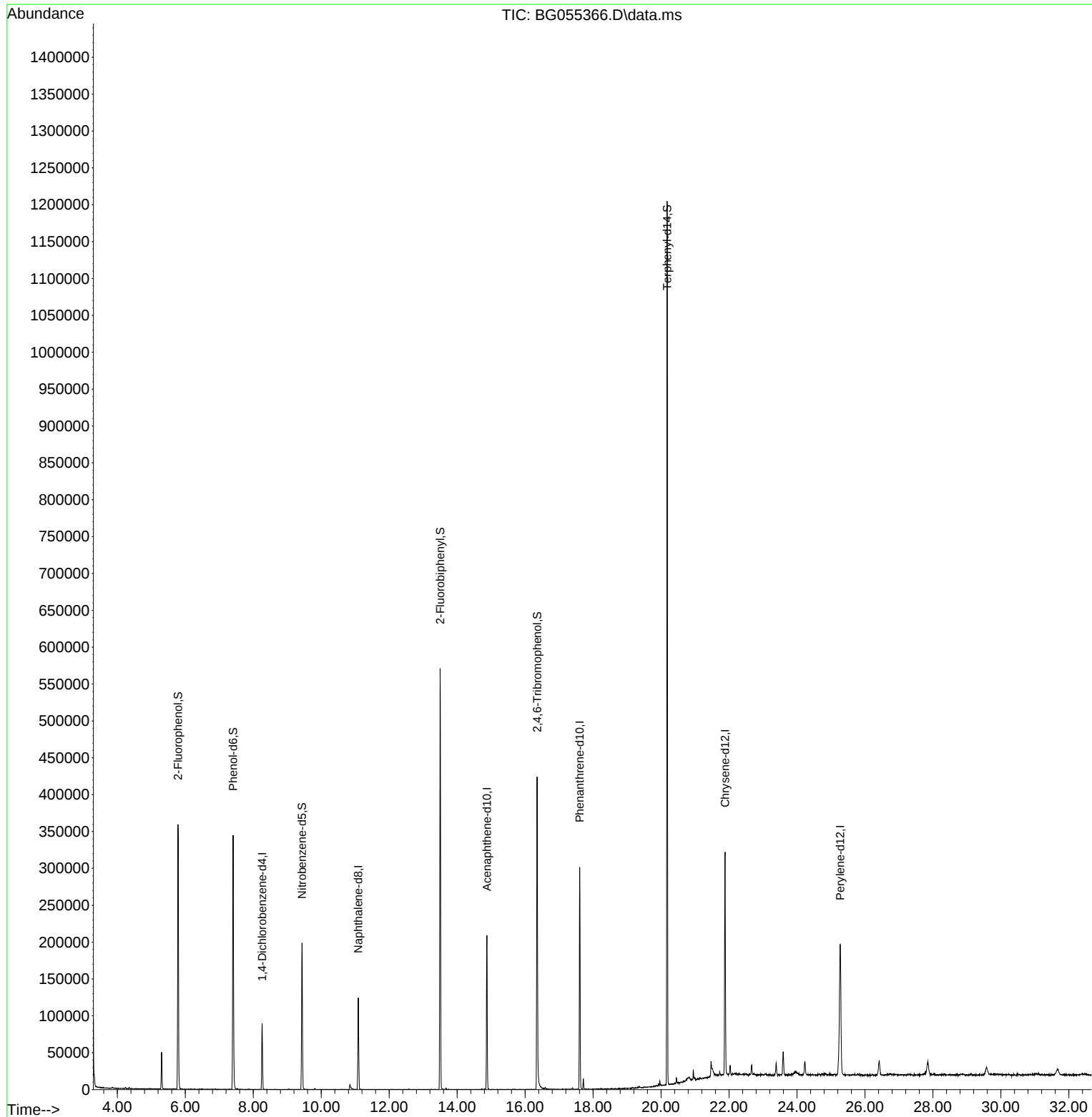
Target Compounds Qvalue

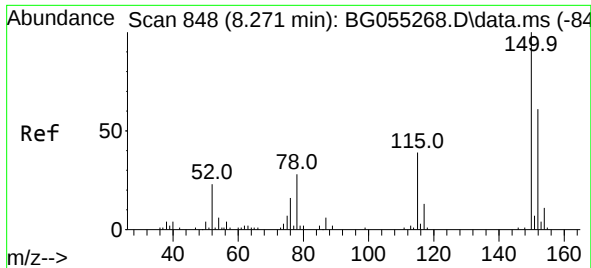
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG102922\  
Data File : BG055366.D  
Acq On : 29 Oct 2022 15:24  
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Sample : N5272-03  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
20221104-COMP-03

Quant Time: Oct 31 02:43:49 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG102422.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Oct 29 04:52:38 2022  
Response via : Initial Calibration

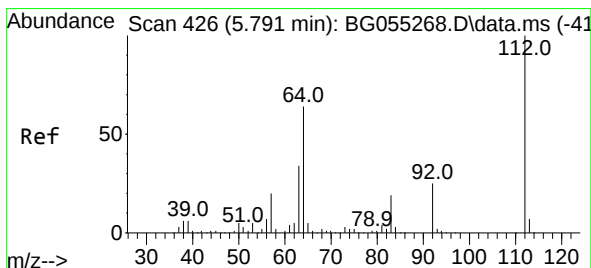
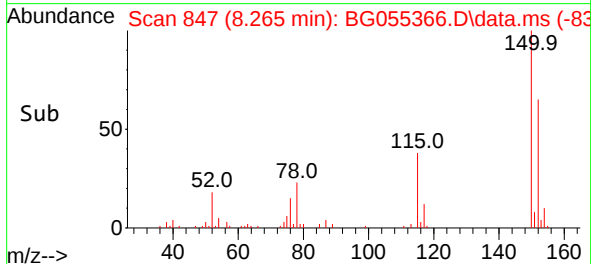
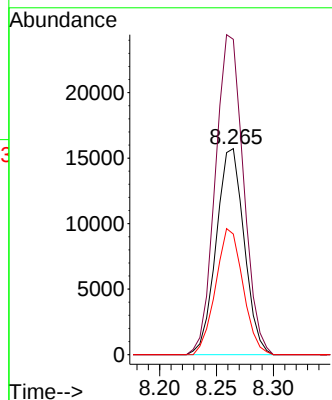
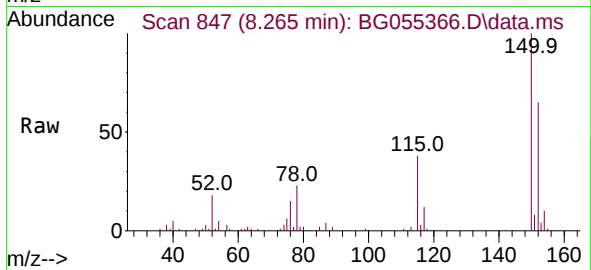




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.265 min Scan# 84  
Delta R.T. -0.000 min  
Lab File: BG055366.D  
Acq: 29 Oct 2022 15:24

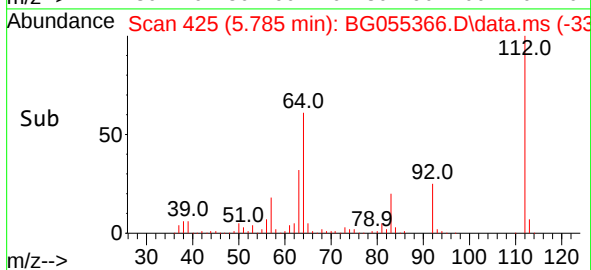
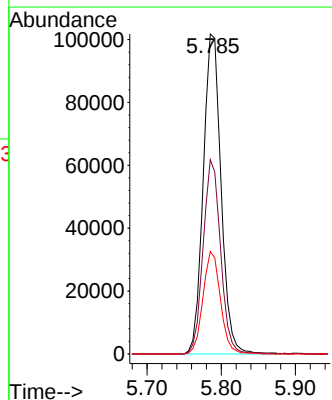
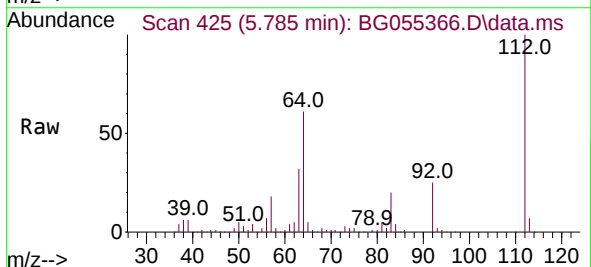
Instrument :  
BNA\_G  
ClientSampleId :  
20221104-COMP-03

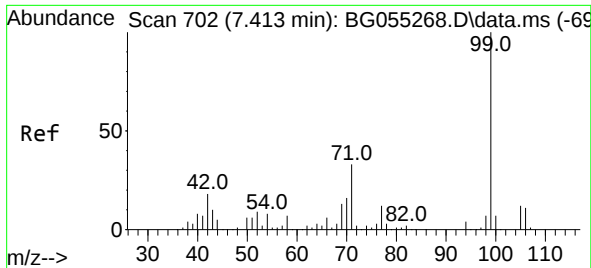
Tgt Ion:152 Resp: 26874  
Ion Ratio Lower Upper  
152 100  
150 153.1 118.2 177.4  
115 58.6 44.5 66.7



#5  
2-Fluorophenol  
Concen: 110.662 ng  
RT: 5.785 min Scan# 425  
Delta R.T. -0.000 min  
Lab File: BG055366.D  
Acq: 29 Oct 2022 15:24

Tgt Ion:112 Resp: 169844  
Ion Ratio Lower Upper  
112 100  
64 60.7 52.6 78.8  
63 32.0 27.1 40.7

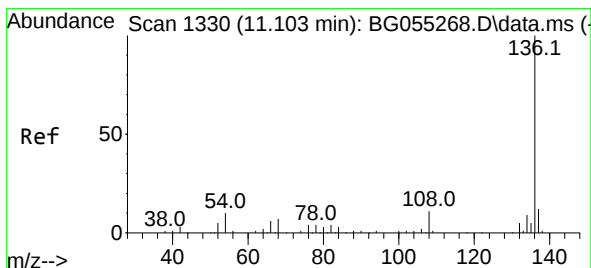
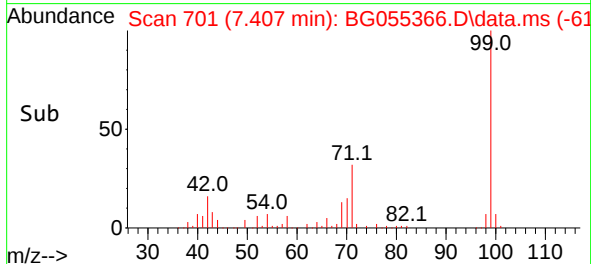
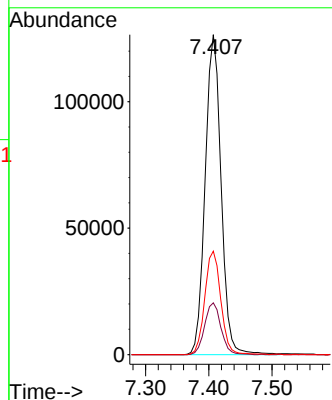
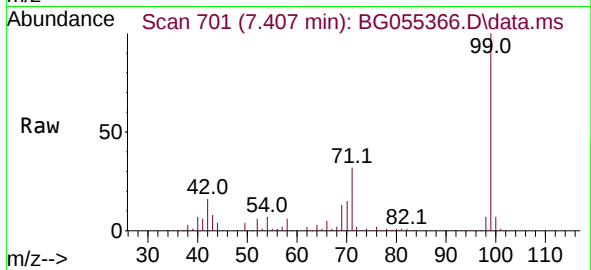




#7  
Phenol-d6  
Concen: 99.508 ng  
RT: 7.407 min Scan# 70  
Delta R.T. -0.006 min  
Lab File: BG055366.D  
Acq: 29 Oct 2022 15:24

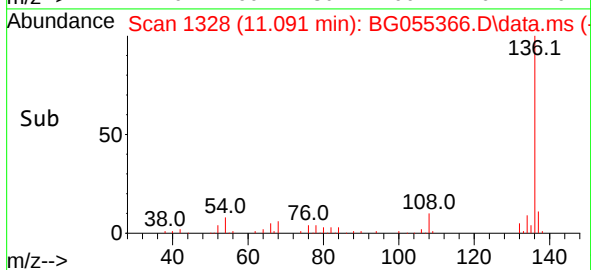
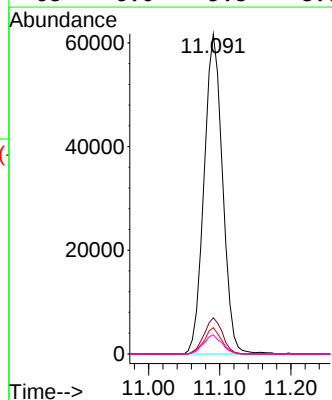
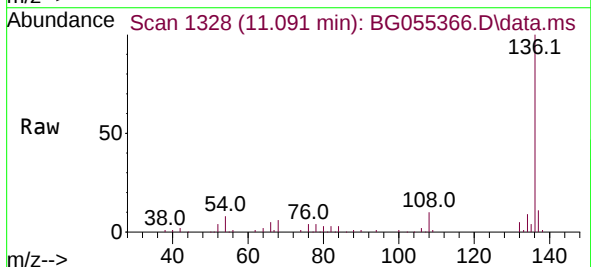
Instrument :  
BNA\_G  
ClientSampleId :  
20221104-COMP-03

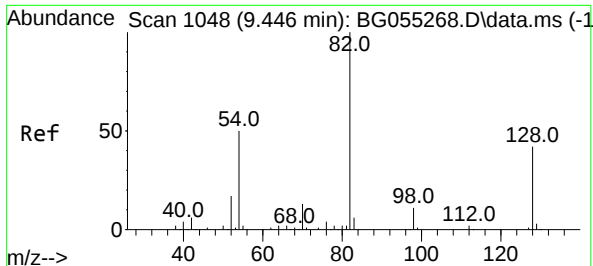
Tgt Ion: 99 Resp: 221263  
Ion Ratio Lower Upper  
99 100  
42 16.2 15.2 22.8  
71 32.3 26.2 39.4



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.091 min Scan# 1328  
Delta R.T. -0.006 min  
Lab File: BG055366.D  
Acq: 29 Oct 2022 15:24

Tgt Ion: 136 Resp: 111316  
Ion Ratio Lower Upper  
136 100  
137 11.3 9.2 13.8  
54 8.2 7.8 11.8  
68 6.0 5.8 8.6





#23

Nitrobenzene-d5

Concen: 58.952 ng

RT: 9.434 min Scan# 1046

Delta R.T. -0.006 min

Lab File: BG055366.D

Acq: 29 Oct 2022 15:24

Instrument :

BNA\_G

ClientSampleId :

20221104-COMP-03

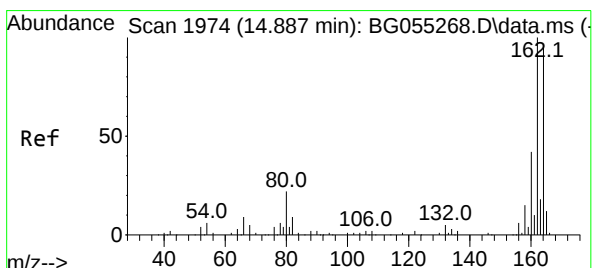
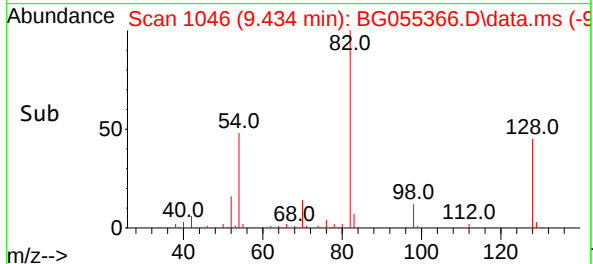
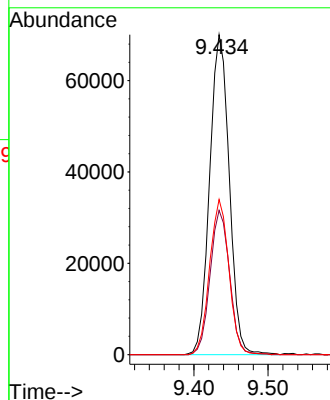
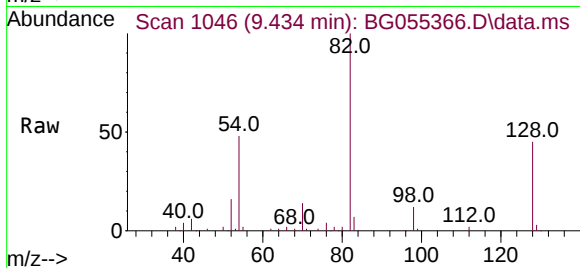
Tgt Ion: 82 Resp: 128514

Ion Ratio Lower Upper

82 100

128 45.1 32.0 48.0

54 48.5 40.9 61.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.875 min Scan# 1972

Delta R.T. -0.006 min

Lab File: BG055366.D

Acq: 29 Oct 2022 15:24

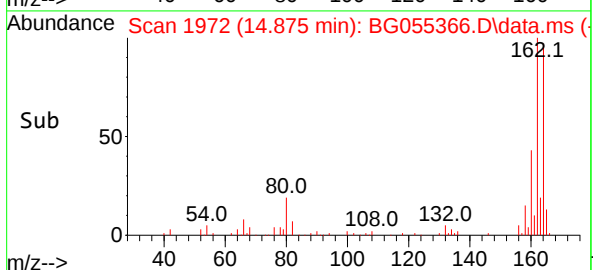
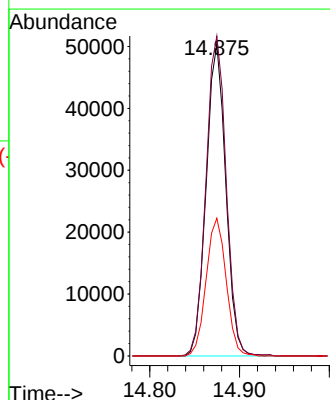
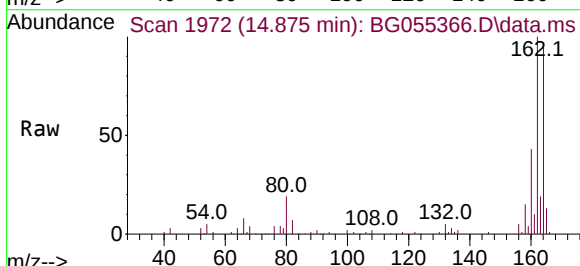
Tgt Ion:164 Resp: 76472

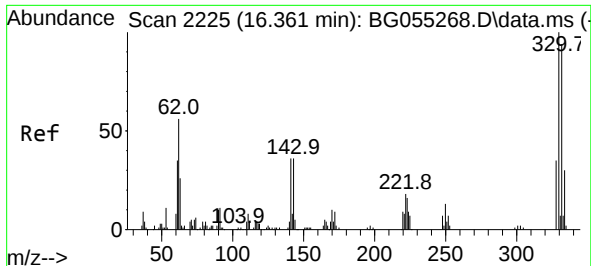
Ion Ratio Lower Upper

164 100

162 102.7 84.0 126.0

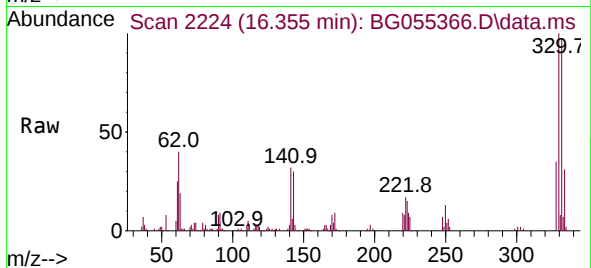
160 44.2 36.7 55.1



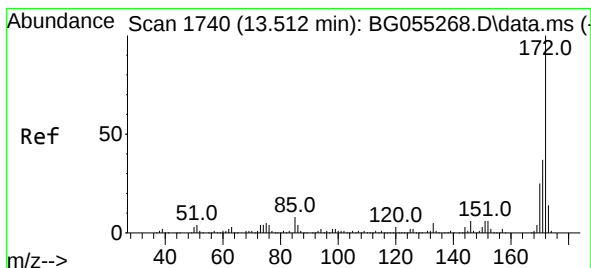
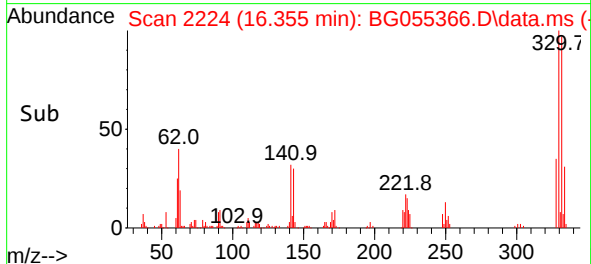
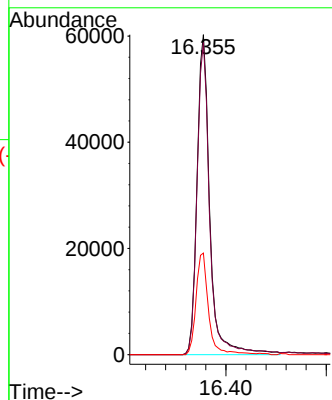


#42  
2,4,6-Tribromophenol  
Concen: 128.040 ng  
RT: 16.355 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BG055366.D  
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BNA\_G  
ClientSampleId :  
20221104-COMP-03

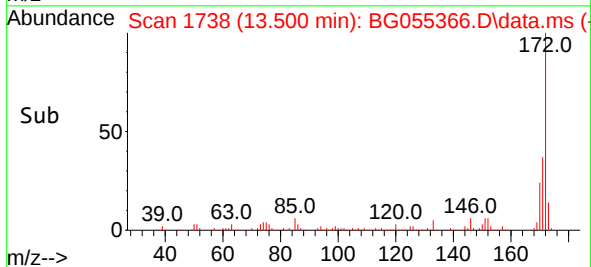
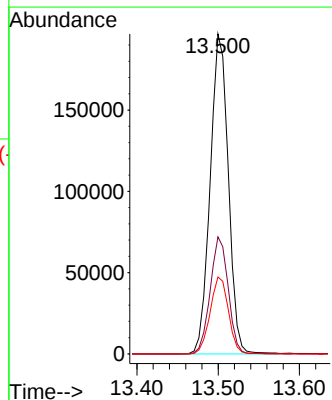
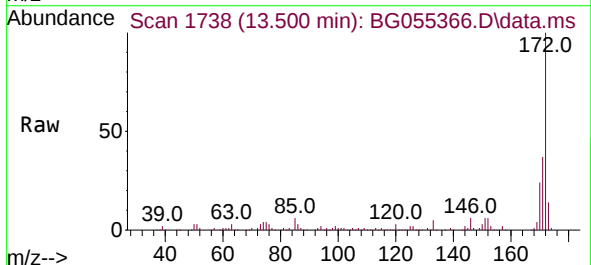


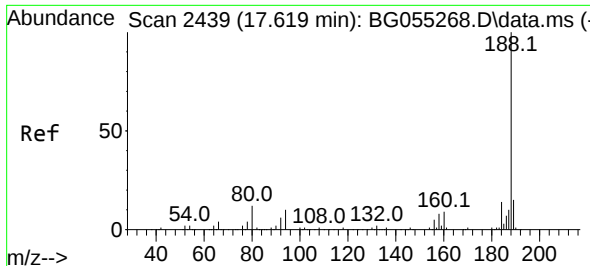
Tgt Ion:330 Resp: 106442  
Ion Ratio Lower Upper  
330 100  
332 95.2 77.4 116.0  
141 31.0 29.8 44.8



#45  
2-Fluorobiphenyl  
Concen: 65.374 ng  
RT: 13.500 min Scan# 1738  
Delta R.T. -0.012 min  
Lab File: BG055366.D  
Acq: 29 Oct 2022 15:24

Tgt Ion:172 Resp: 305440  
Ion Ratio Lower Upper  
172 100  
171 36.6 29.7 44.5  
170 24.0 20.2 30.2

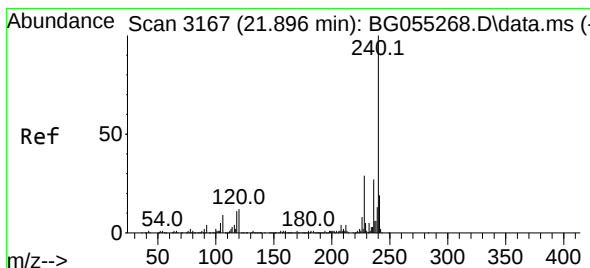
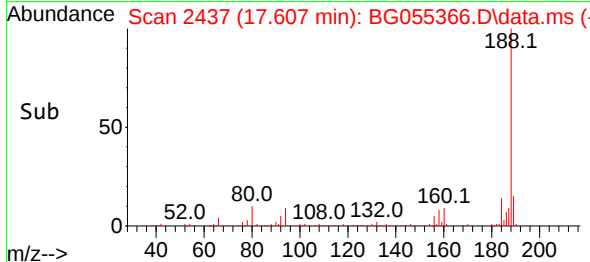
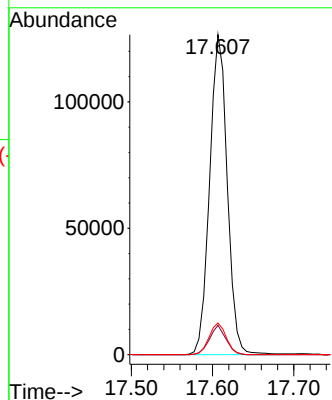
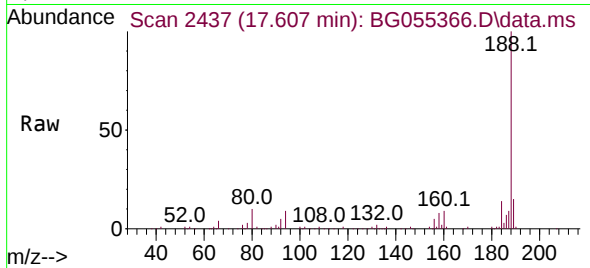




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.607 min Scan# 2439  
Delta R.T. -0.006 min  
Lab File: BG055366.D  
Acq: 29 Oct 2022 15:24

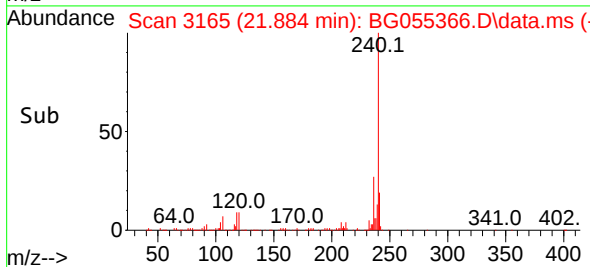
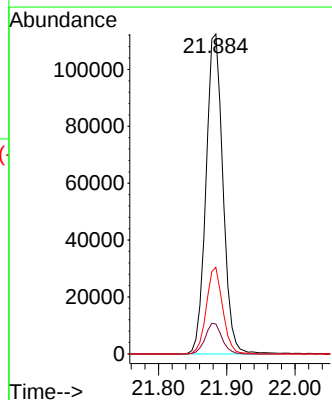
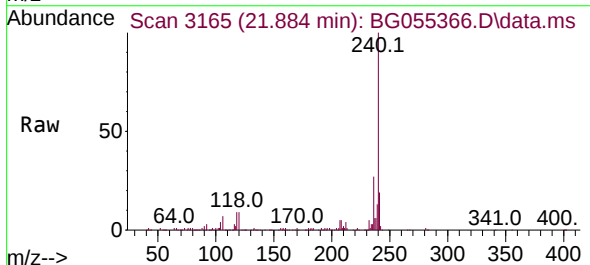
Instrument :  
BNA\_G  
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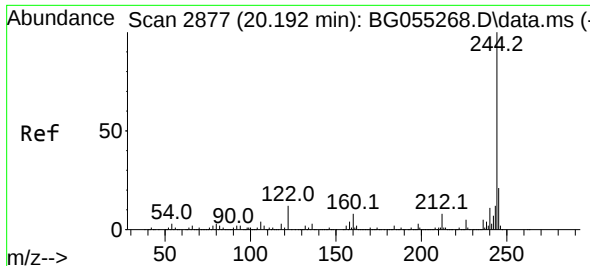
Tgt Ion:188 Resp: 190839  
Ion Ratio Lower Upper  
188 100  
94 9.2 8.2 12.4  
80 9.9 10.1 15.1#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.884 min Scan# 3165  
Delta R.T. -0.006 min  
Lab File: BG055366.D  
Acq: 29 Oct 2022 15:24

Tgt Ion:240 Resp: 193990  
Ion Ratio Lower Upper  
240 100  
120 9.3 8.9 13.3  
236 27.0 21.0 31.4

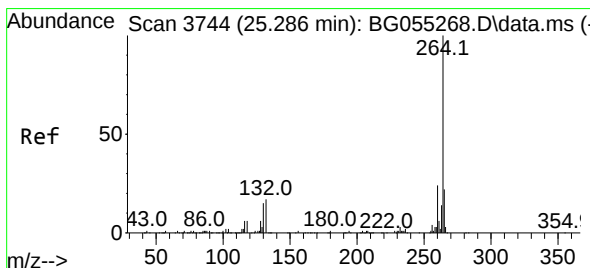
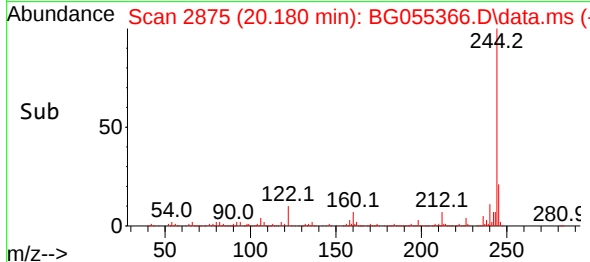
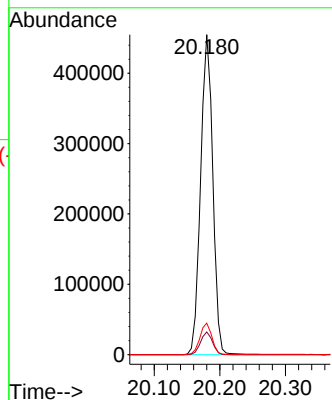
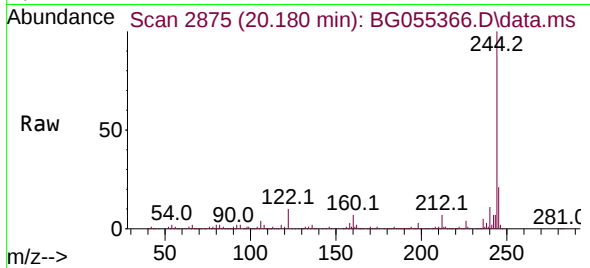




#79  
 Terphenyl-d14  
 Concen: 62.376 ng  
 RT: 20.180 min Scan# 2875  
 Delta R.T. -0.006 min  
 Lab File: BG055366.D  
 Acq: 29 Oct 2022 15:24

Instrument :  
 BNA\_G  
 ClientSampleId :  
 20221104-COMP-03

Tgt Ion:244 Resp: 582394  
 Ion Ratio Lower Upper  
 244 100  
 212 7.1 6.0 9.0  
 122 9.8 9.6 14.4



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.274 min Scan# 3742  
 Delta R.T. -0.012 min  
 Lab File: BG055366.D  
 Acq: 29 Oct 2022 15:24

Tgt Ion:264 Resp: 205317  
 Ion Ratio Lower Upper  
 264 100  
 260 24.2 19.5 29.3  
 265 22.8 17.4 26.2

