

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092724\  
 Data File : BG063082.D  
 Acq On : 27 Sep 2024 20:27  
 Operator : RC/JU  
 Sample : P3910-07  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DDC17

Quant Time: Sep 27 22:57:37 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG092524.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Sep 25 13:16:45 2024  
 Response via : Initial Calibration

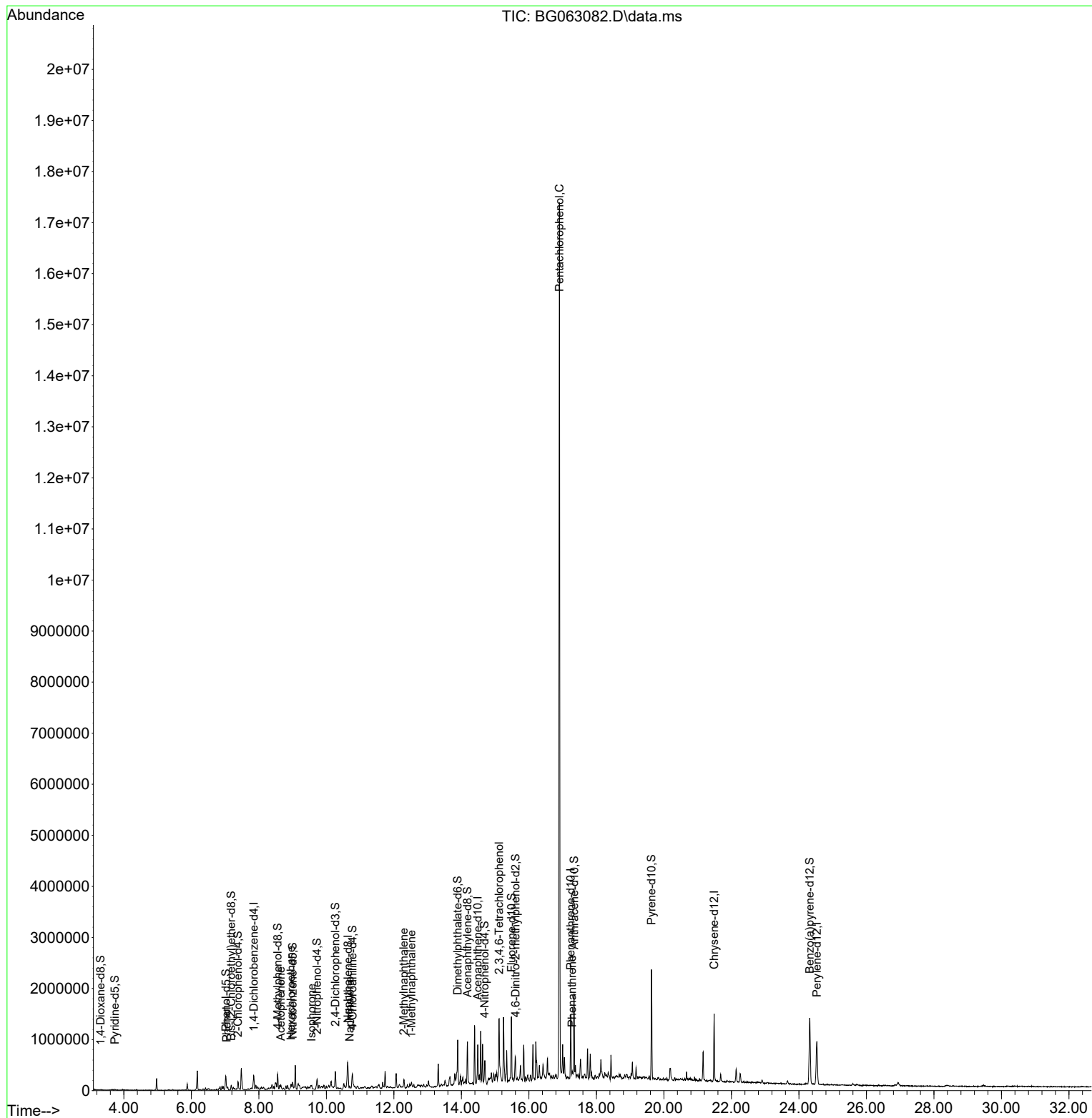
| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| Internal Standards            |        |      |          |         |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.850  | 152  | 80920    | 20.000  | ng/ul  | # 0.00   |
| 20) Naphthalene-d8            | 10.641 | 136  | 330698   | 20.000  | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.483 | 164  | 291654   | 20.000  | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.239 | 188  | 746872   | 20.000  | ng/ul  | # 0.00   |
| 79) Chrysene-d12              | 21.487 | 240  | 783040   | 20.000  | ng/ul  | # 0.00   |
| 88) Perylene-d12              | 24.530 | 264  | 938648   | 20.000  | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |          |         |        |          |
| 3) 1,4-Dioxane-d8             | 3.314  | 96   | 3751     | 2.672   | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.731  | 84   | 13765    | 4.010   | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 7.021  | 99   | 117927   | 23.595  | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.180  | 67   | 35172    | 18.013  | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.380  | 132  | 84634    | 17.234  | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.555  | 113  | 117515   | 26.045  | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 9.001  | 128  | 40611    | 16.701  | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.724  | 143  | 57701    | 18.580  | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.265 | 165  | 145111   | 22.387  | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.776 | 131  | 157561   | 20.716  | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.890 | 166  | 622987   | 26.865  | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.178 | 160  | 628807   | 25.588  | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.689 | 143  | 94062    | 26.895  | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.482 | 176  | 562639   | 26.480  | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.605 | 200  | 120736   | 23.132  | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.339 | 188  | 1068975  | 29.832  | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.630 | 212  | 1332662  | 30.225  | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.319 | 264  | 1490099  | 29.640  | ng/ul  | 0.00     |
| Target Compounds              |        |      |          |         |        |          |
|                               |        |      |          |         | Qvalue |          |
| 8) Phenol                     | 7.045  | 94   | 21801    | 4.335   | ng/ul  | 97       |
| 16) Acetophenone              | 8.649  | 105  | 43773    | 6.238   | ng/ul# | 39       |
| 19) Hexachloroethane          | 8.948  | 117  | 6900     | 3.657   | ng/ul# | 1        |
| 23) Isophorone                | 9.560  | 82   | 21745    | 2.453   | ng/ul# | 90       |
| 30) Naphthalene               | 10.688 | 128  | 30326    | 1.804   | ng/ul# | 95       |
| 36) 2-Methylnaphthalene       | 12.298 | 142  | 80118    | 5.876   | ng/ul  | 100      |
| 37) 1-Methylnaphthalene       | 12.521 | 142  | 48863    | 3.545   | ng/ul# | 90       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.118 | 232  | 331122   | 43.265  | ng/ul  | 97       |
| 71) Pentachlorophenol         | 16.904 | 266  | 3789658  | 596.345 | ng/ul  | 96       |
| 72) Phenanthrene              | 17.280 | 178  | 57596    | 1.496   | ng/ul# | 90       |

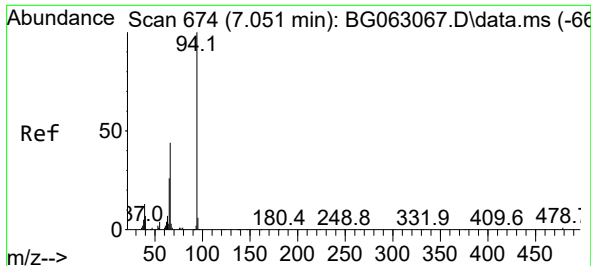
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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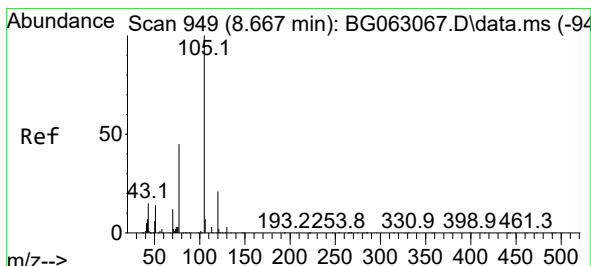
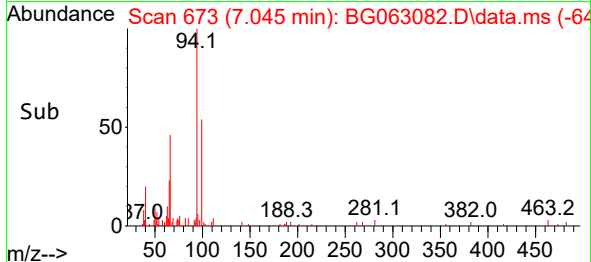
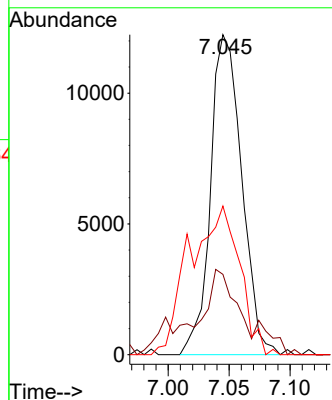
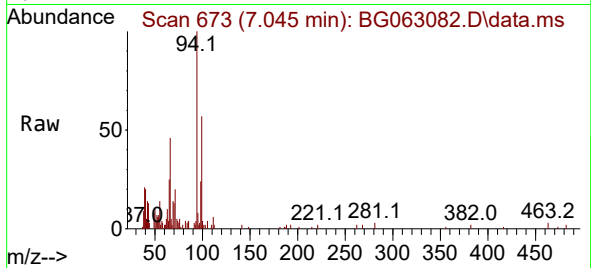




#8  
Phenol  
Concen: 4.335 ng/ul  
RT: 7.045 min Scan# 61  
Delta R.T. -0.003 min  
Lab File: BG063082.D  
Acq: 27 Sep 2024 20:27

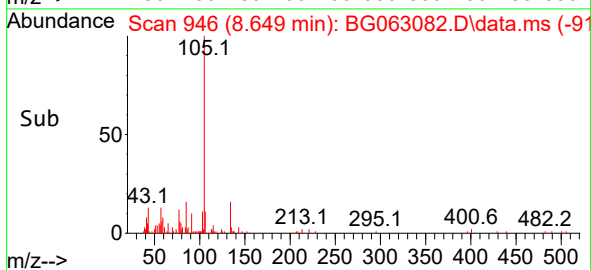
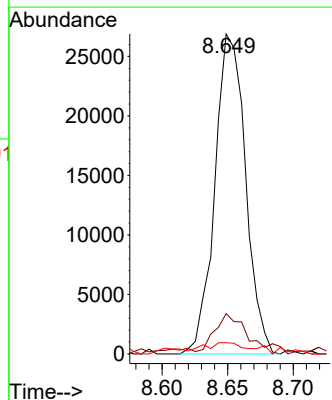
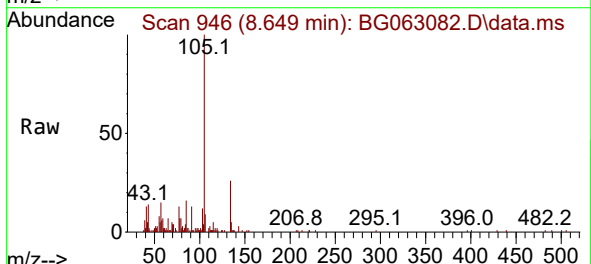
Instrument :  
BNA\_G  
ClientSampleId :  
DDC17

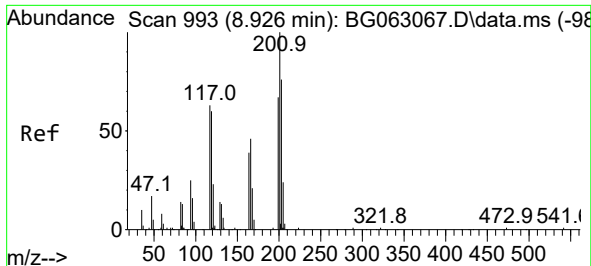
Tgt Ion: 94 Resp: 21801  
Ion Ratio Lower Upper  
94 100  
65 25.1 20.1 30.1  
66 46.5 34.6 51.8



#16  
Acetophenone  
Concen: 6.238 ng/ul  
RT: 8.649 min Scan# 946  
Delta R.T. -0.015 min  
Lab File: BG063082.D  
Acq: 27 Sep 2024 20:27

Tgt Ion: 105 Resp: 43773  
Ion Ratio Lower Upper  
105 100  
77 12.6 54.2 81.4#  
51 3.5 19.6 29.4#

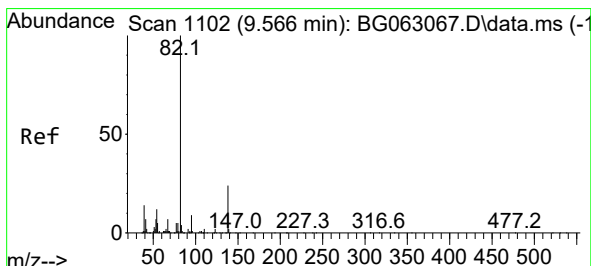
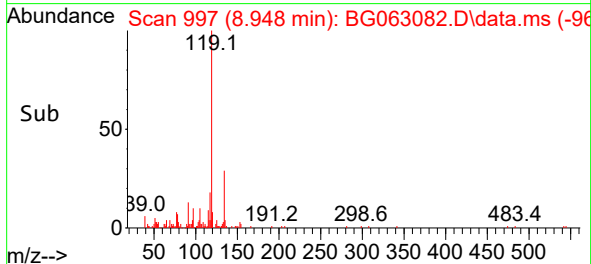
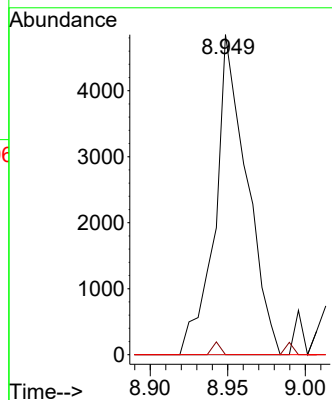
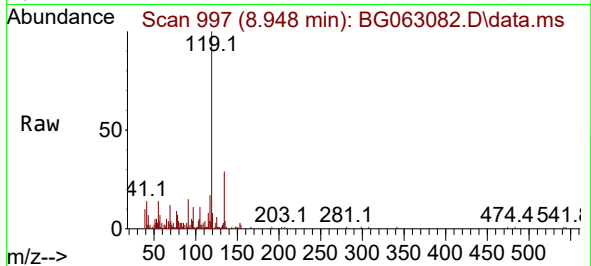




#19  
Hexachloroethane  
Concen: 3.657 ng/ul  
RT: 8.948 min Scan# 991  
Delta R.T. 0.020 min  
Lab File: BG063082.D  
Acq: 27 Sep 2024 20:27

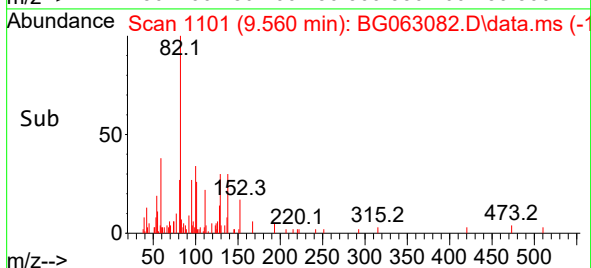
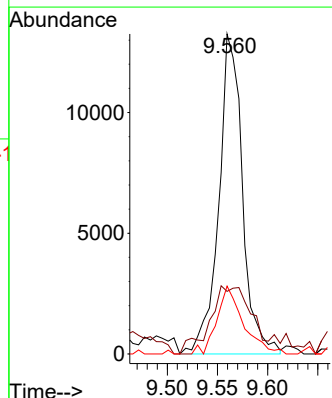
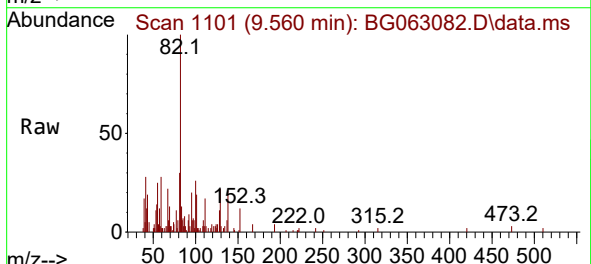
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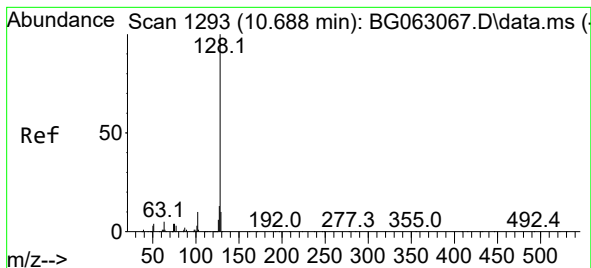
Tgt Ion:117 Resp: 6900  
Ion Ratio Lower Upper  
117 100  
201 0.0 143.8 215.8#  
199 0.0 89.1 133.7#



#23  
Isophorone  
Concen: 2.453 ng/ul  
RT: 9.560 min Scan# 1101  
Delta R.T. -0.003 min  
Lab File: BG063082.D  
Acq: 27 Sep 2024 20:27

Tgt Ion: 82 Resp: 21745  
Ion Ratio Lower Upper  
82 100  
95 19.5 10.0 15.0#  
138 21.2 19.5 29.3





#30

Naphthalene

Concen: 1.804 ng/ul

RT: 10.688 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG063082.D

Acq: 27 Sep 2024 20:27

Instrument :

BNA\_G

ClientSampleId :

DDC17

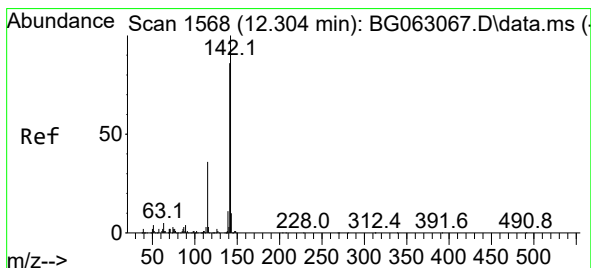
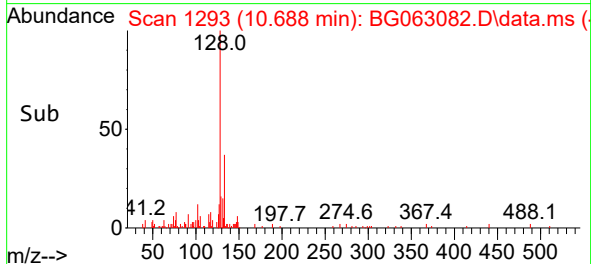
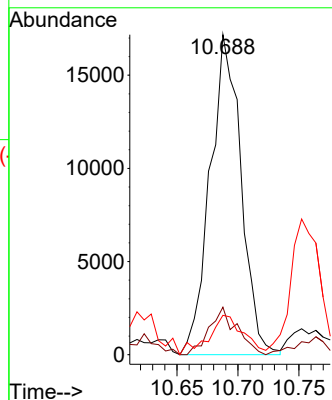
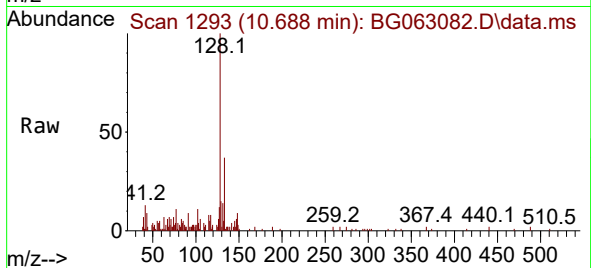
Tgt Ion:128 Resp: 30326

Ion Ratio Lower Upper

128 100

129 14.9 9.3 13.9#

127 12.3 10.7 16.1



#36

2-Methylnaphthalene

Concen: 5.876 ng/ul

RT: 12.298 min Scan# 1567

Delta R.T. -0.003 min

Lab File: BG063082.D

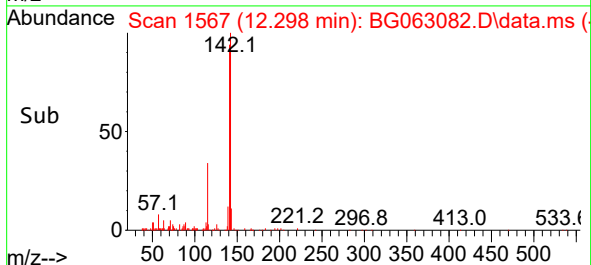
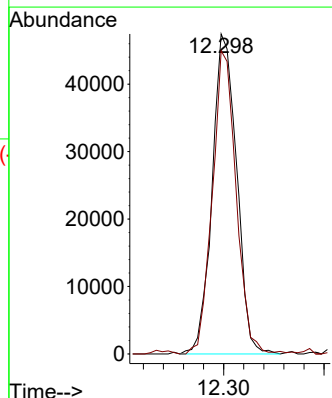
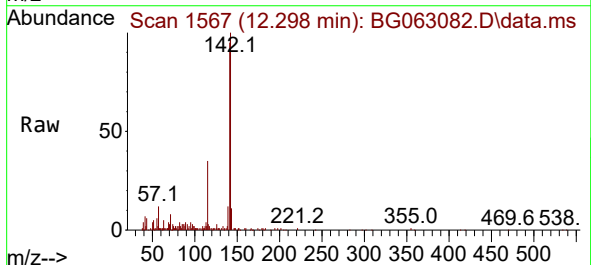
Acq: 27 Sep 2024 20:27

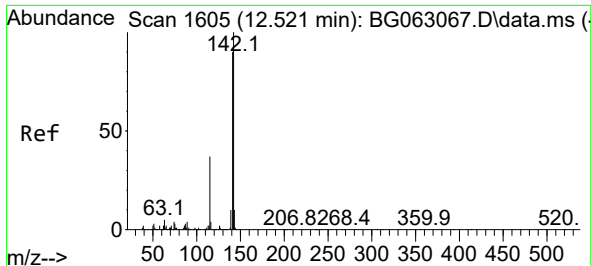
Tgt Ion:142 Resp: 80118

Ion Ratio Lower Upper

142 100

141 94.8 75.8 113.8





#37

1-Methylnaphthalene

Concen: 3.545 ng/ul

RT: 12.521 min Scan# 1

Delta R.T. 0.003 min

Lab File: BG063082.D

Acq: 27 Sep 2024 20:27

Instrument :

BNA\_G

ClientSampleId :

DDC17

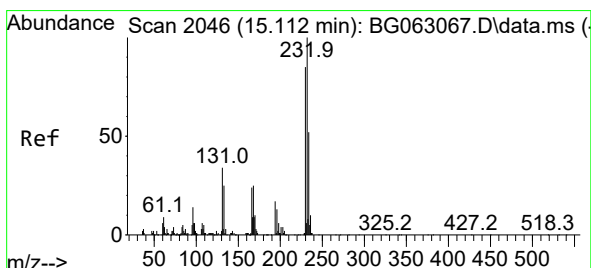
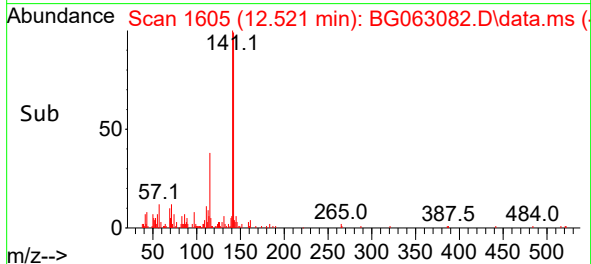
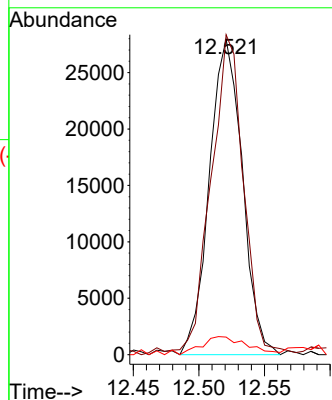
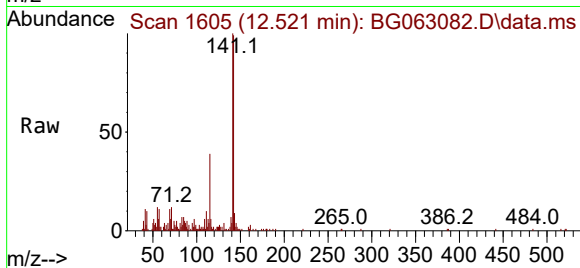
Tgt Ion:142 Resp: 48863

Ion Ratio Lower Upper

142 100

141 101.4 73.4 110.0

116 5.6 3.0 4.6#



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.265 ng/ul

RT: 15.118 min Scan# 2047

Delta R.T. 0.003 min

Lab File: BG063082.D

Acq: 27 Sep 2024 20:27

Tgt Ion:232 Resp: 331122

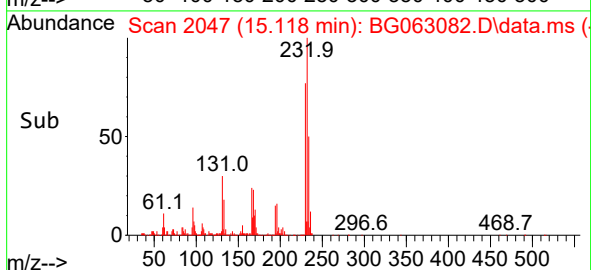
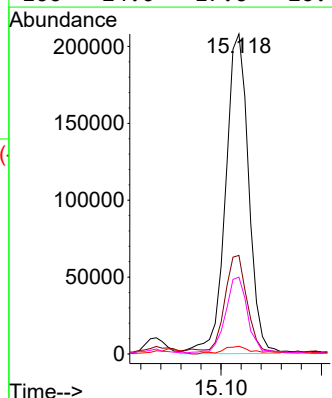
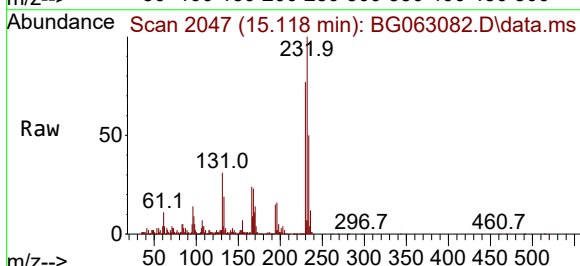
Ion Ratio Lower Upper

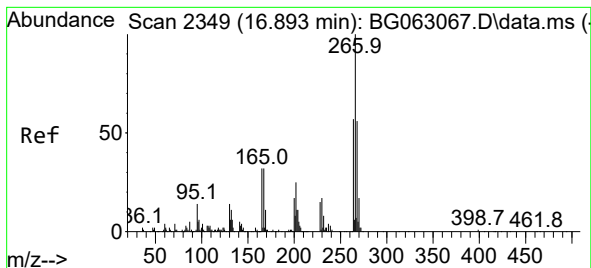
232 100

131 30.8 25.8 38.6

130 2.4 1.9 2.9

166 24.0 17.6 26.4





#71

Pentachlorophenol

Concen: 596.345 ng/ul

RT: 16.904 min Scan# 21

Delta R.T. 0.014 min

Lab File: BG063082.D

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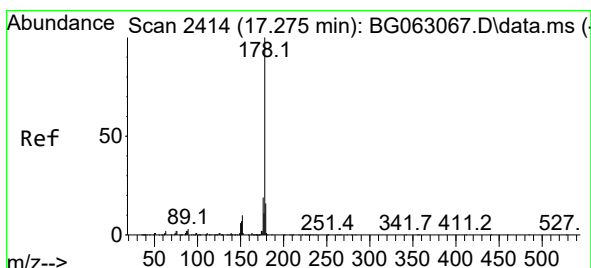
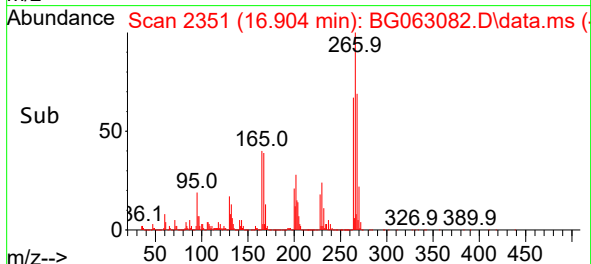
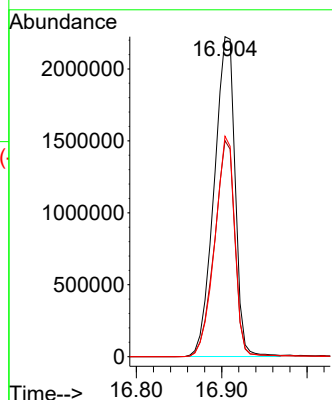
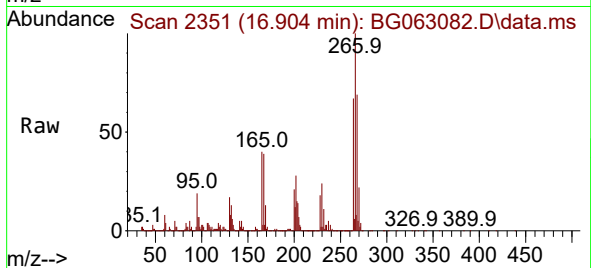
Tgt Ion:266 Resp: 3789658

Ion Ratio Lower Upper

266 100

264 67.5 57.7 86.5

268 68.9 57.3 85.9



#72

Phenanthrene

Concen: 1.496 ng/ul

RT: 17.280 min Scan# 2415

Delta R.T. 0.003 min

Lab File: BG063082.D

Acq: 27 Sep 2024 20:27

Tgt Ion:178 Resp: 57596

Ion Ratio Lower Upper

178 100

179 23.6 12.2 18.4#

176 19.2 14.9 22.3

