

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG090524\  
 Data File : BG062669.D  
 Acq On : 5 Sep 2024 16:31  
 Operator : MA/JU  
 Sample : PB163138BL  
 Misc : MDL-WATER-8 ng  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB163138BL

Quant Time: Sep 05 17:48:51 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG083024.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Aug 31 02:36:01 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.917  | 152  | 45157    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.714 | 136  | 170932   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.545 | 164  | 134891   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.288 | 188  | 399629   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.530 | 240  | 482411   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 24.597 | 264  | 550716   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.502  | 112  | 360806   | 138.111 | ng    | 0.00     |
| 7) Phenol-d6                | 7.083  | 99   | 466162   | 123.518 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.074  | 82   | 284428   | 89.616  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.031 | 330  | 269933   | 142.194 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.164 | 172  | 726325   | 87.218  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.909 | 244  | 2085294  | 85.711  | ng    | 0.00     |

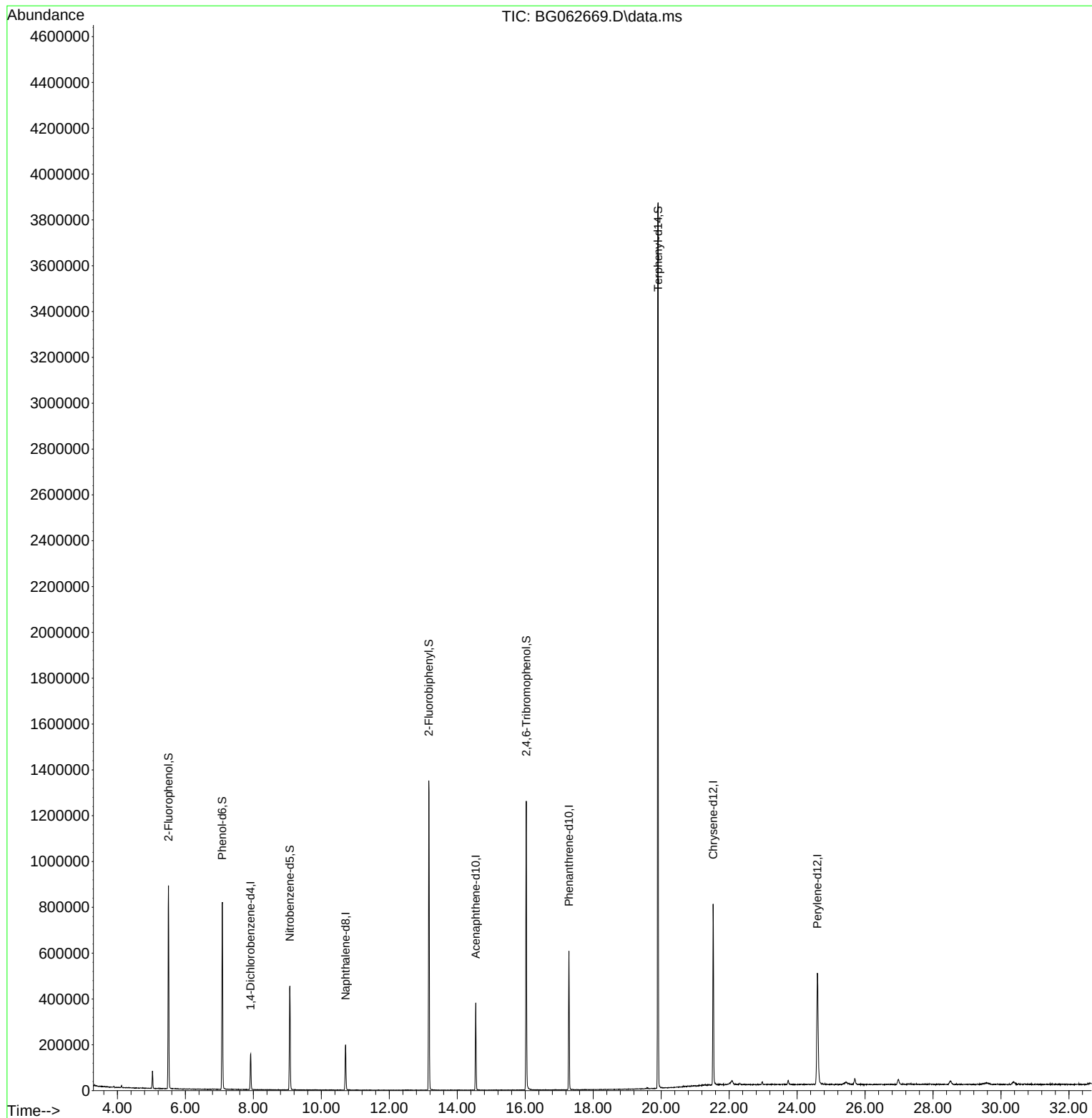
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

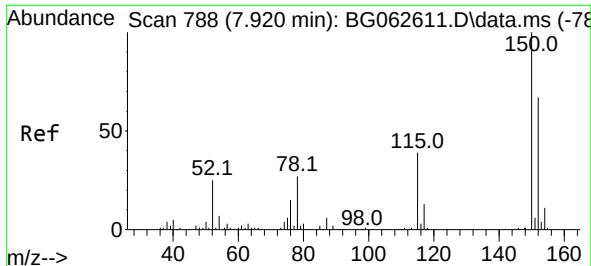
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 05 17:48:51 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG083024.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Aug 31 02:36:01 2024  
Response via : Initial Calibration

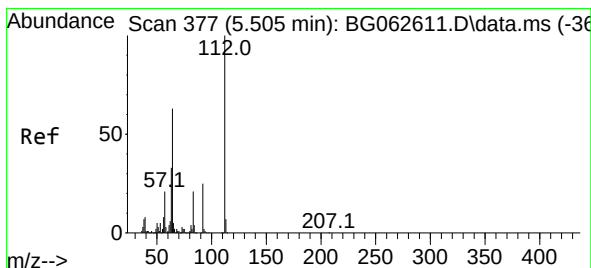
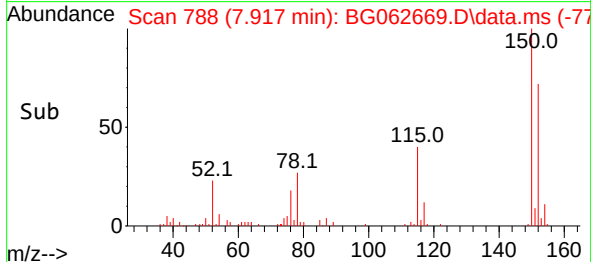
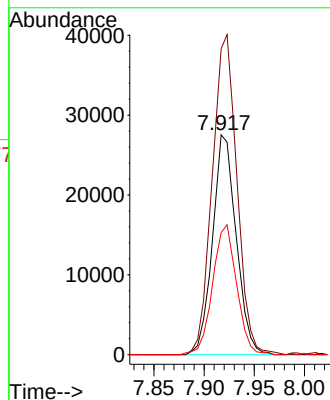
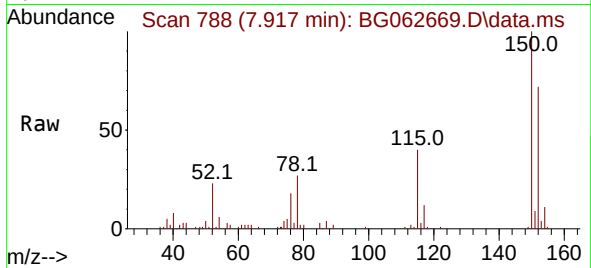




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.917 min Scan# 71  
Delta R.T. -0.003 min  
Lab File: BG062669.D  
Acq: 5 Sep 2024 16:31

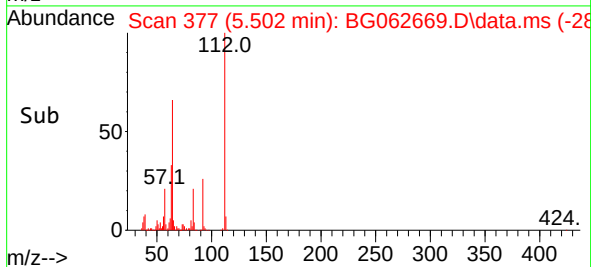
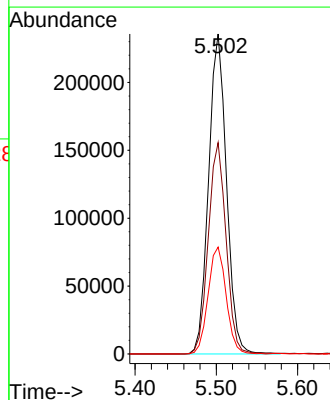
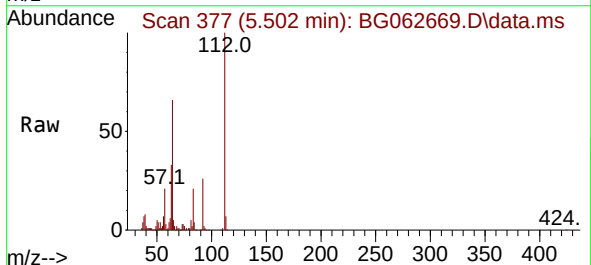
Instrument :  
BNA\_G  
ClientSampleId :  
PB163138BL

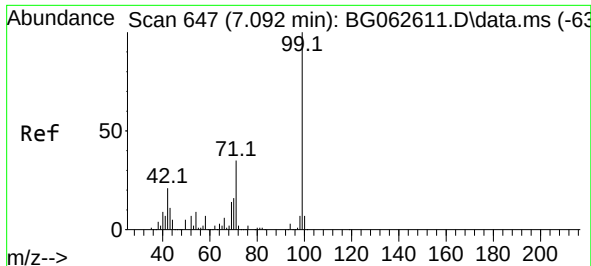
Tgt Ion:152 Resp: 45157  
Ion Ratio Lower Upper  
152 100  
150 139.1 119.9 179.9  
115 55.5 46.6 69.8



#5  
2-Fluorophenol  
Concen: 138.111 ng  
RT: 5.502 min Scan# 377  
Delta R.T. -0.003 min  
Lab File: BG062669.D  
Acq: 5 Sep 2024 16:31

Tgt Ion:112 Resp: 360806  
Ion Ratio Lower Upper  
112 100  
64 66.0 50.2 75.2  
63 33.4 26.6 39.8

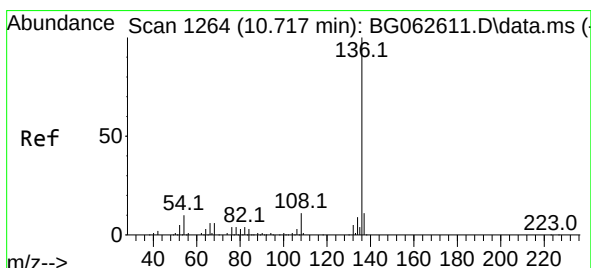
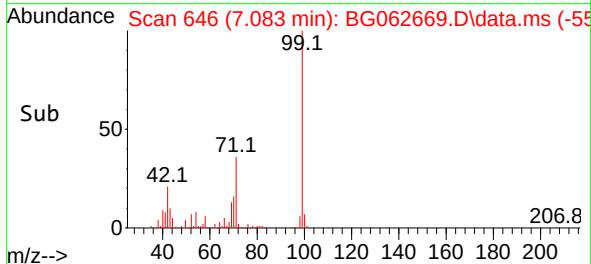
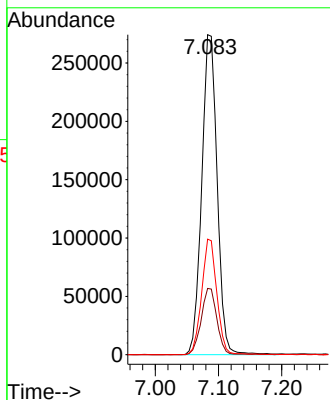
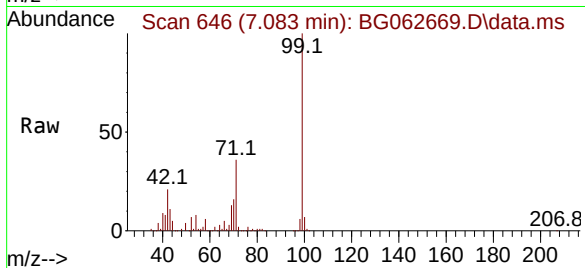




#7  
Phenol-d6  
Concen: 123.518 ng  
RT: 7.083 min Scan# 64  
Delta R.T. -0.009 min  
Lab File: BG062669.D  
Acq: 5 Sep 2024 16:31

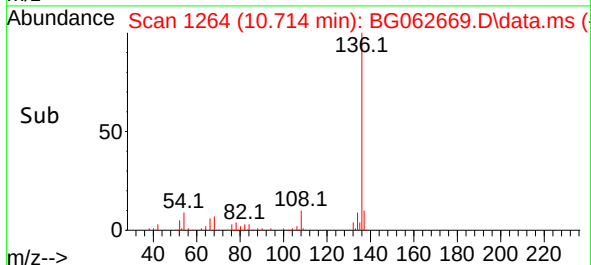
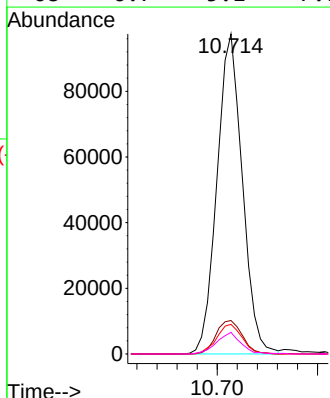
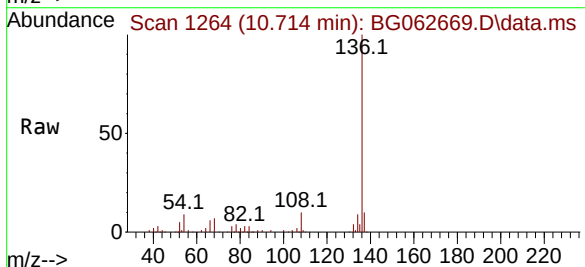
Instrument :  
BNA\_G  
ClientSampleId :  
PB163138BL

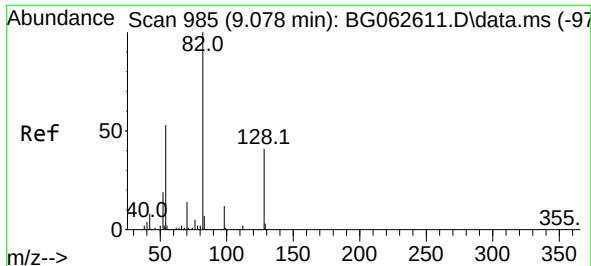
Tgt Ion: 99 Resp: 466162  
Ion Ratio Lower Upper  
99 100  
42 20.7 16.9 25.3  
71 36.1 27.9 41.9



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.714 min Scan# 1264  
Delta R.T. -0.003 min  
Lab File: BG062669.D  
Acq: 5 Sep 2024 16:31

Tgt Ion: 136 Resp: 170932  
Ion Ratio Lower Upper  
136 100  
137 10.4 9.0 13.4  
54 9.3 7.8 11.6  
68 6.7 5.1 7.7

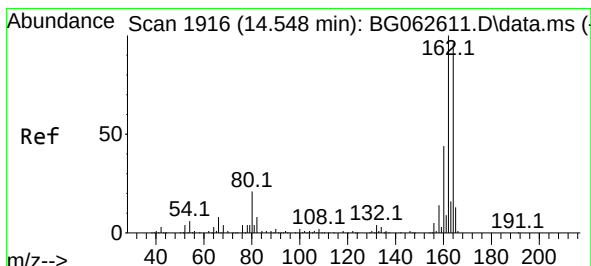
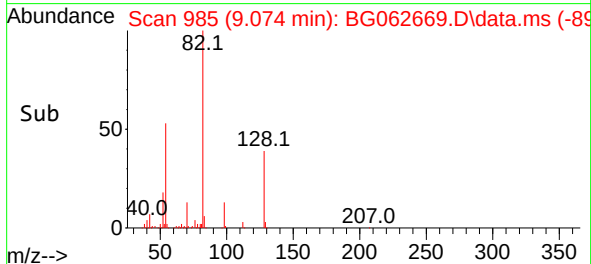
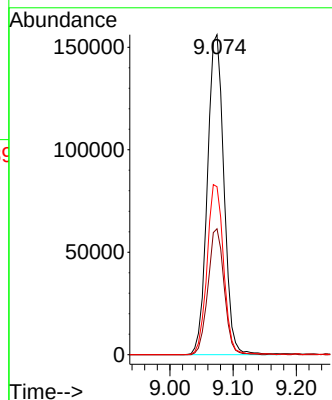
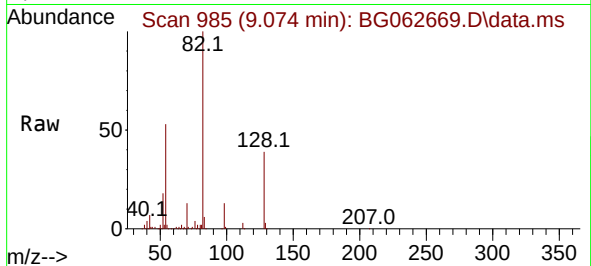




#23  
Nitrobenzene-d5  
Concen: 89.616 ng  
RT: 9.074 min Scan# 91  
Delta R.T. -0.003 min  
Lab File: BG062669.D  
Acq: 5 Sep 2024 16:31

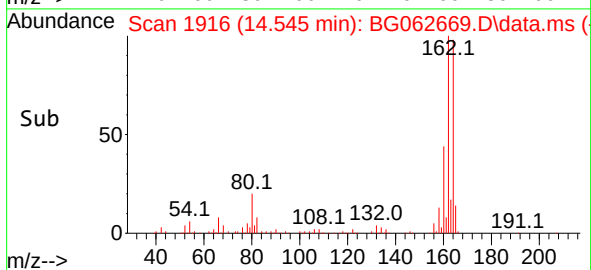
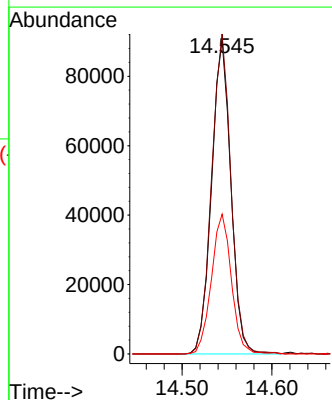
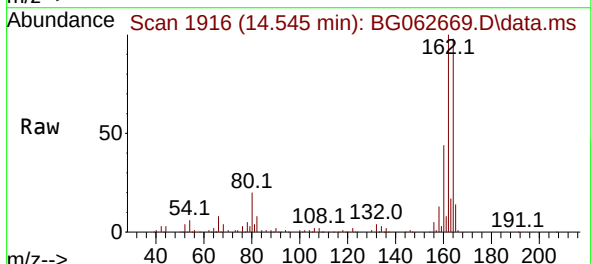
Instrument :  
BNA\_G  
ClientSampleId :  
PB163138BL

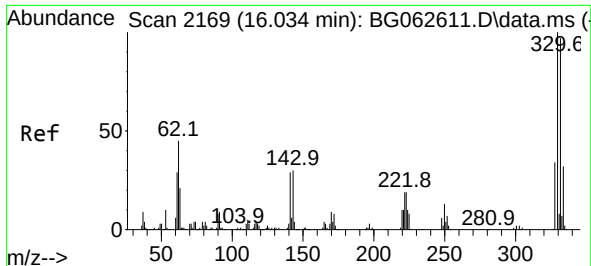
Tgt Ion: 82 Resp: 284428  
Ion Ratio Lower Upper  
82 100  
128 39.3 32.5 48.7  
54 52.5 42.5 63.7



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.545 min Scan# 1916  
Delta R.T. -0.003 min  
Lab File: BG062669.D  
Acq: 5 Sep 2024 16:31

Tgt Ion: 164 Resp: 134891  
Ion Ratio Lower Upper  
164 100  
162 102.1 83.1 124.7  
160 44.6 36.2 54.4

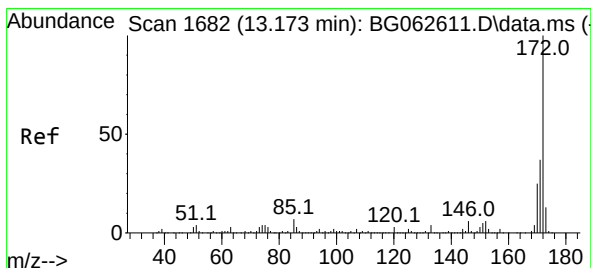
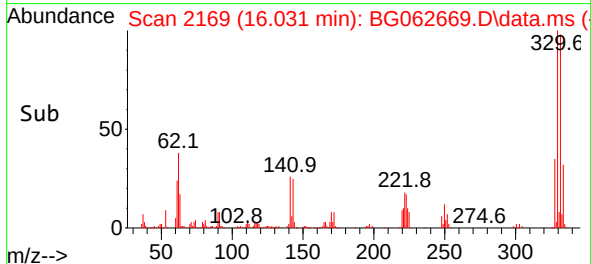
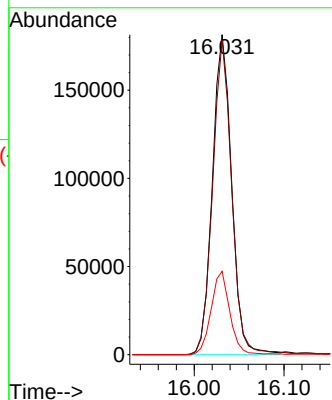
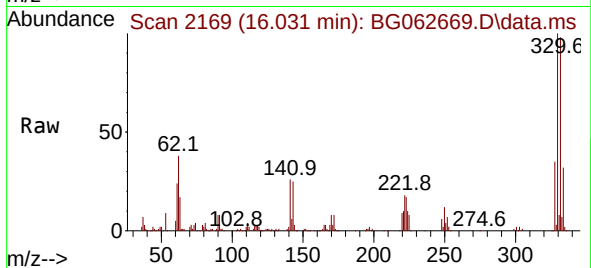




#42  
 2,4,6-Tribromophenol  
 Concen: 142.194 ng  
 RT: 16.031 min Scan# 2169  
 Delta R.T. -0.003 min  
 Lab File: BG062669.D  
 Acq: 5 Sep 2024 16:31

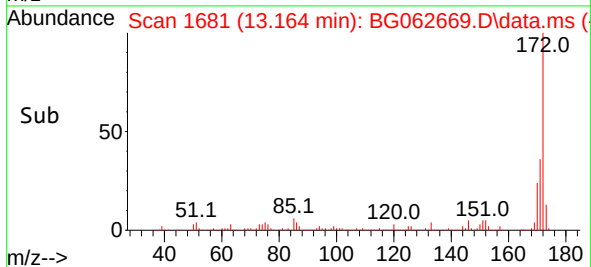
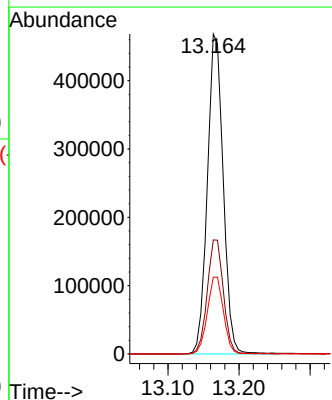
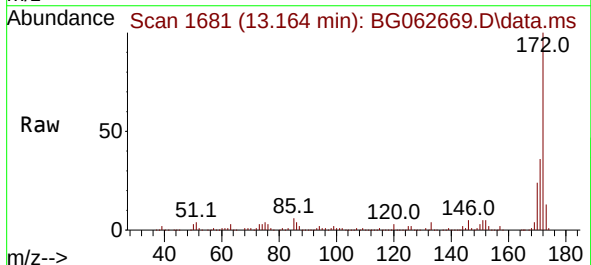
Instrument :  
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 ClientSampleId :  
 PB163138BL

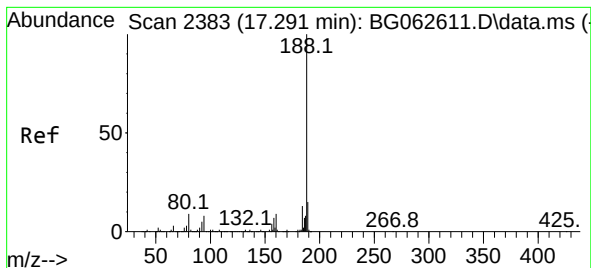
Tgt Ion:330 Resp: 269933  
 Ion Ratio Lower Upper  
 330 100  
 332 97.5 77.2 115.8  
 141 25.6 22.2 33.4



#45  
 2-Fluorobiphenyl  
 Concen: 87.218 ng  
 RT: 13.164 min Scan# 1681  
 Delta R.T. -0.009 min  
 Lab File: BG062669.D  
 Acq: 5 Sep 2024 16:31

Tgt Ion:172 Resp: 726325  
 Ion Ratio Lower Upper  
 172 100  
 171 35.7 29.7 44.5  
 170 24.0 20.0 30.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.288 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG062669.D

Acq: 5 Sep 2024 16:31

Instrument :

BNA\_G

ClientSampleId :

PB163138BL

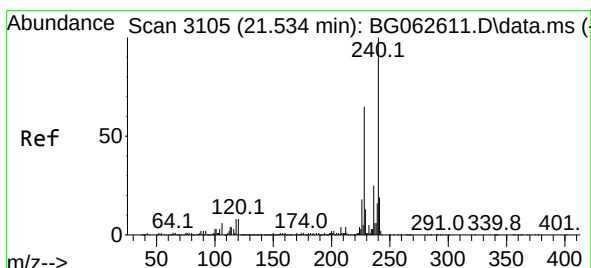
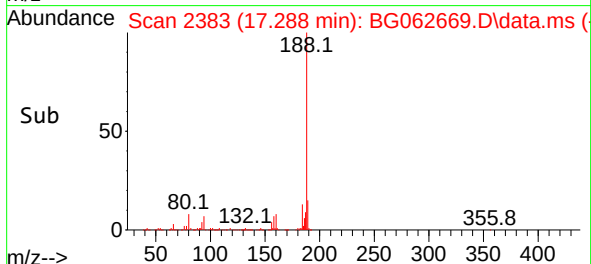
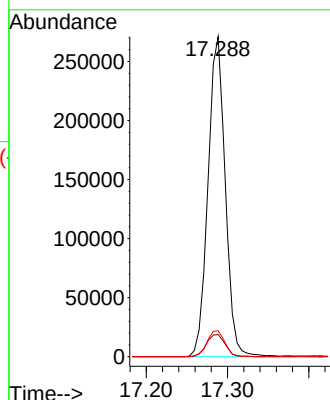
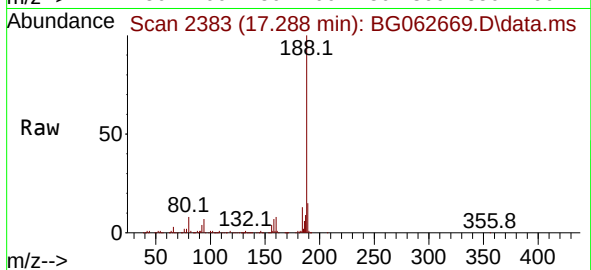
Tgt Ion:188 Resp: 399629

Ion Ratio Lower Upper

188 100

94 6.9 6.3 9.5

80 8.1 7.0 10.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.530 min Scan# 3105

Delta R.T. -0.003 min

Lab File: BG062669.D

Acq: 5 Sep 2024 16:31

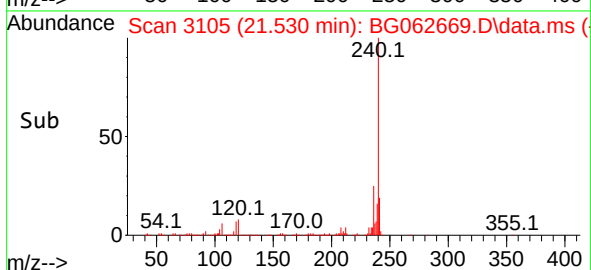
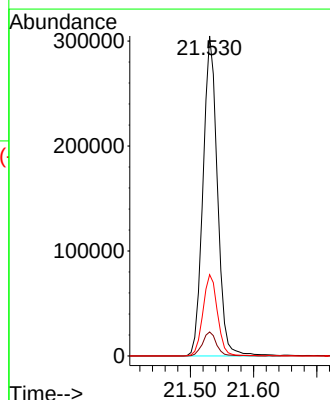
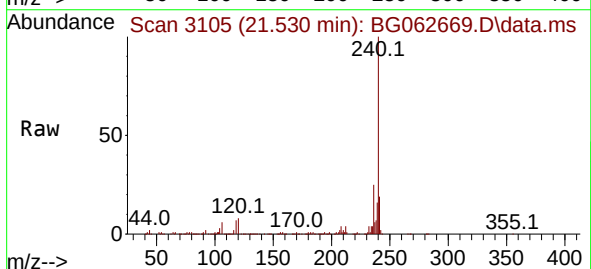
Tgt Ion:240 Resp: 482411

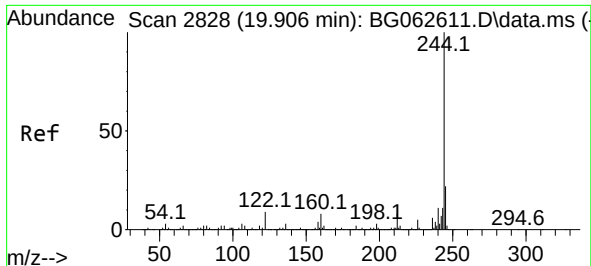
Ion Ratio Lower Upper

240 100

120 7.5 6.6 9.8

236 25.4 20.2 30.4

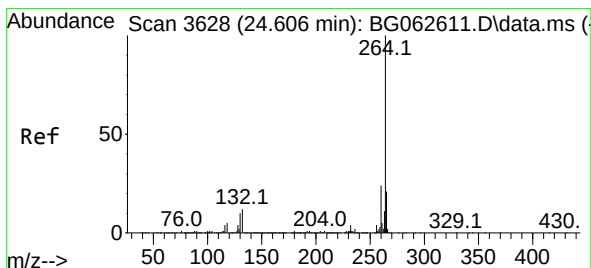
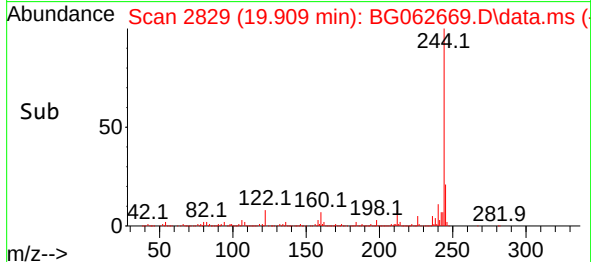
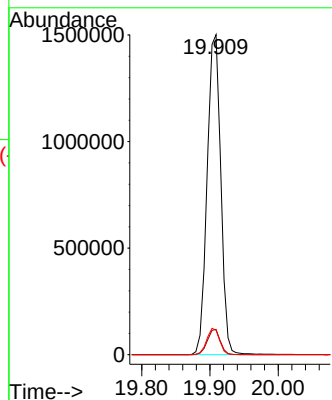
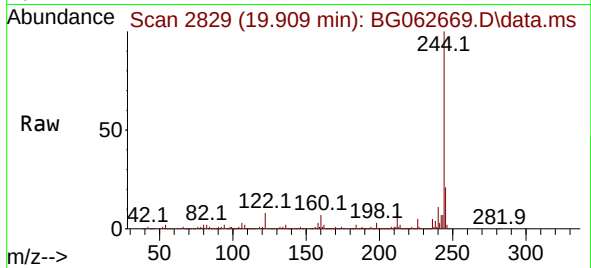




#79  
 Terphenyl-d14  
 Concen: 85.711 ng  
 RT: 19.909 min Scan# 21  
 Delta R.T. 0.003 min  
 Lab File: BG062669.D  
 Acq: 5 Sep 2024 16:31

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB163138BL

Tgt Ion:244 Resp: 2085294  
 Ion Ratio Lower Upper  
 244 100  
 212 7.9 6.6 10.0  
 122 7.7 7.2 10.8



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.597 min Scan# 3627  
 Delta R.T. -0.009 min  
 Lab File: BG062669.D  
 Acq: 5 Sep 2024 16:31

Tgt Ion:264 Resp: 550716  
 Ion Ratio Lower Upper  
 264 100  
 260 24.5 19.0 28.4  
 265 21.6 17.3 25.9

