

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG010224\  
 Data File : BG060205.D  
 Acq On : 2 Jan 2024 23:13  
 Operator : MA/JU  
 Sample : PB158126BL  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB158126BL

Quant Time: Jan 03 01:13:05 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG122923.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Dec 30 03:14:04 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.936  | 152  | 270377   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.738 | 136  | 1084824  | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.575 | 164  | 818434   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.325 | 188  | 2122143  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.590 | 240  | 1976872  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 24.763 | 264  | 2169314  | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.509  | 112  | 2749646  | 153.495 | ng    | 0.00     |
| 7) Phenol-d6                | 7.101  | 99   | 3487231  | 131.111 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.099  | 82   | 2168127  | 92.315  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.067 | 330  | 1544155  | 140.947 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.200 | 172  | 4842952  | 85.045  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.945 | 244  | 6514017  | 63.348  | ng    | 0.00     |

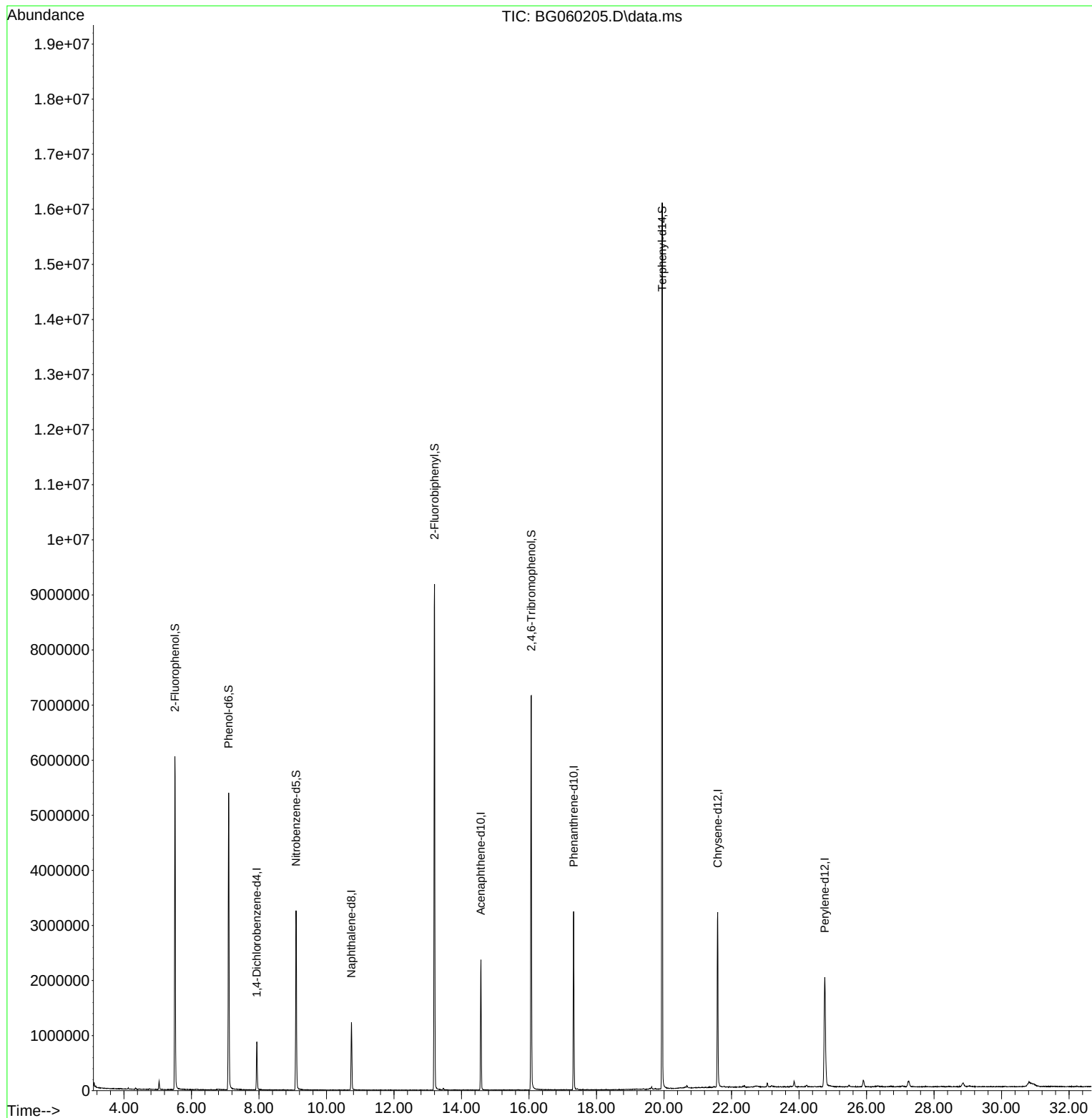
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

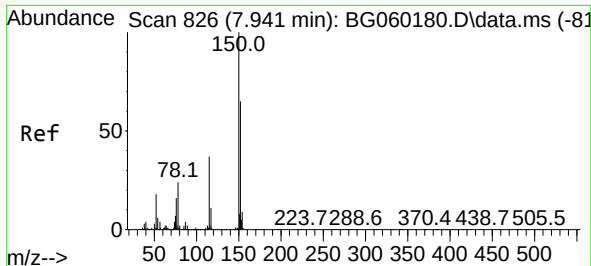
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG122923.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Dec 30 03:14:04 2023  
Response via : Initial Calibration

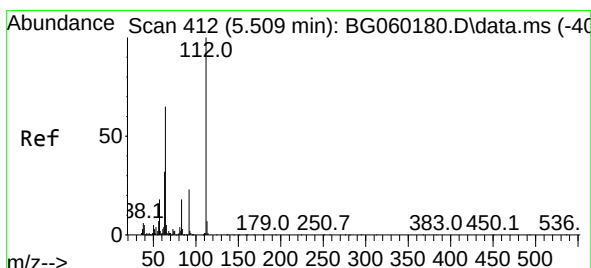
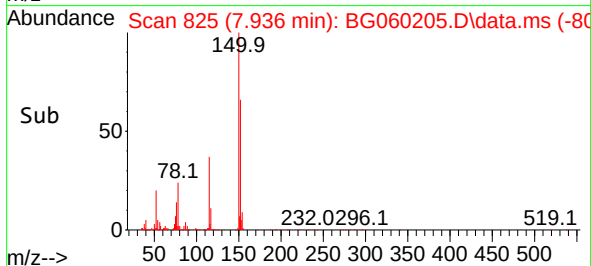
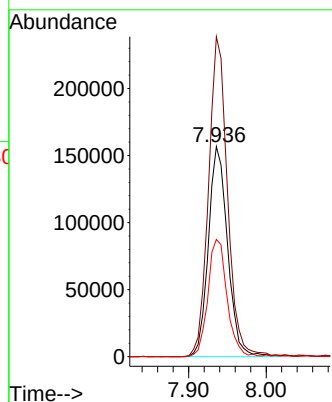
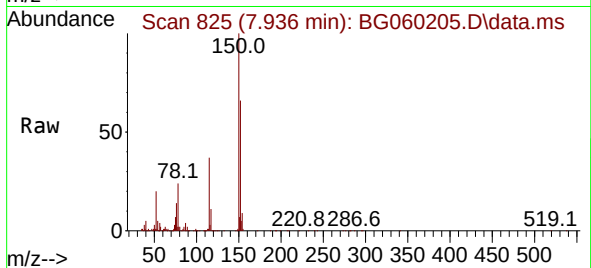




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.936 min Scan# 81  
Delta R.T. -0.005 min  
Lab File: BG060205.D  
Acq: 2 Jan 2024 23:13

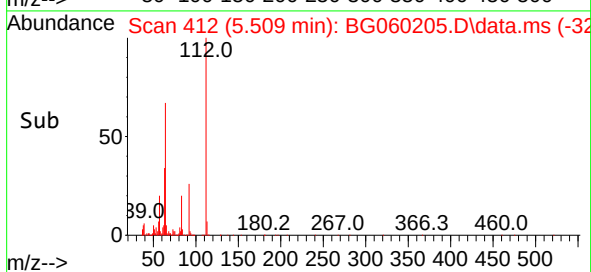
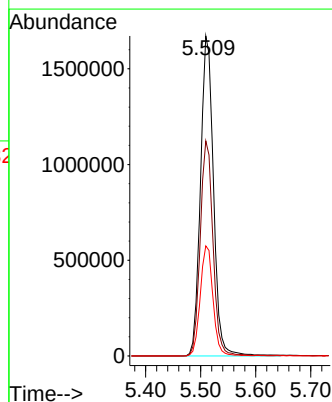
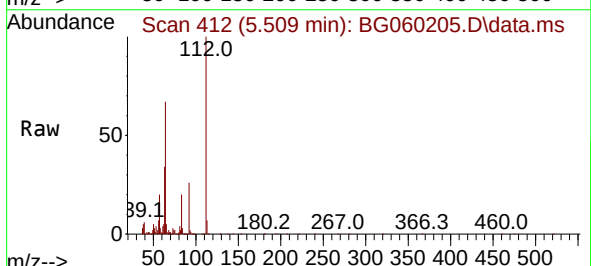
Instrument :  
BNA\_G  
ClientSampleId :  
PB158126BL

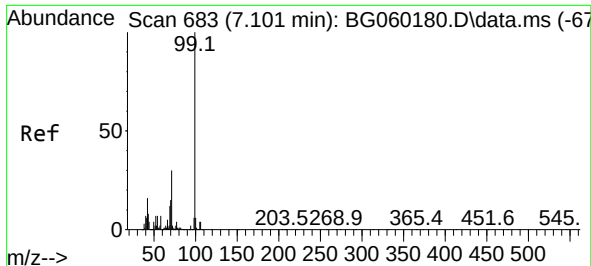
Tgt Ion:152 Resp: 270377  
Ion Ratio Lower Upper  
152 100  
150 152.3 123.4 185.0  
115 55.8 45.4 68.0



#5  
2-Fluorophenol  
Concen: 153.495 ng  
RT: 5.509 min Scan# 412  
Delta R.T. 0.000 min  
Lab File: BG060205.D  
Acq: 2 Jan 2024 23:13

Tgt Ion:112 Resp: 2749646  
Ion Ratio Lower Upper  
112 100  
64 67.2 52.2 78.4  
63 34.4 25.4 38.0



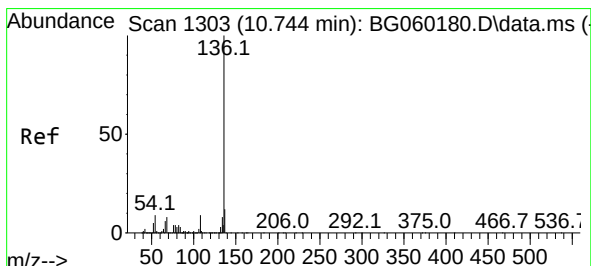
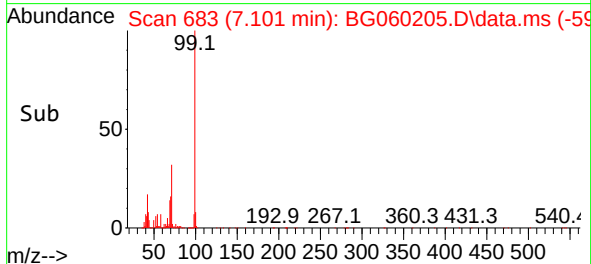
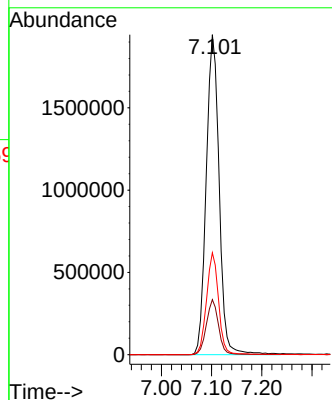
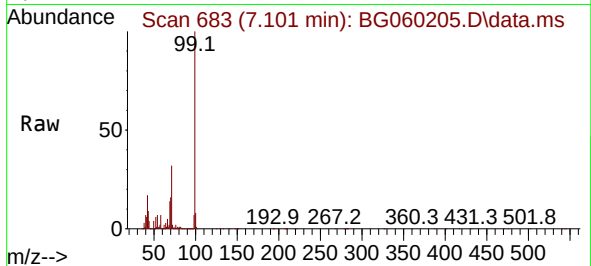


#7  
Phenol-d6  
Concen: 131.111 ng  
RT: 7.101 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: BG060205.D  
Acq: 2 Jan 2024 23:13

Instrument :  
BNA\_G  
ClientSampleId :  
PB158126BL

Tgt Ion: 99 Resp: 3487231

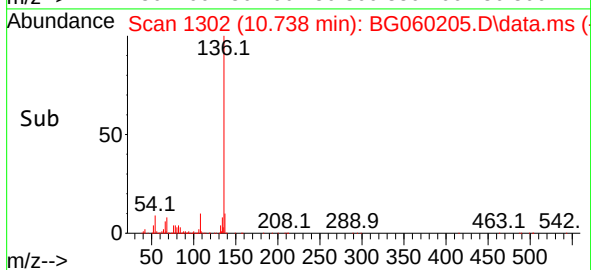
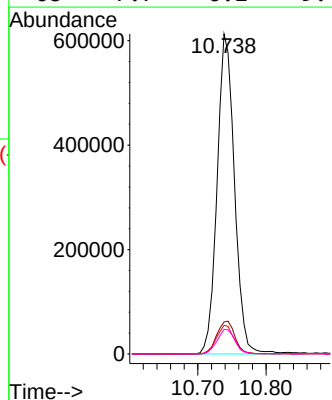
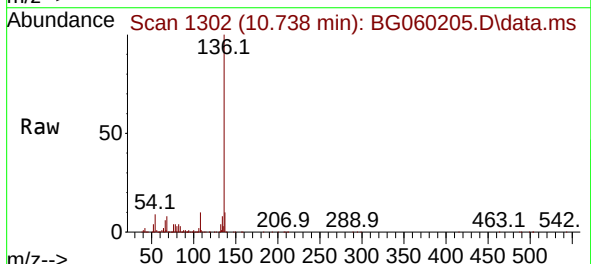
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 17.2  | 12.5  | 18.7  |
| 71  | 31.9  | 24.1  | 36.1  |

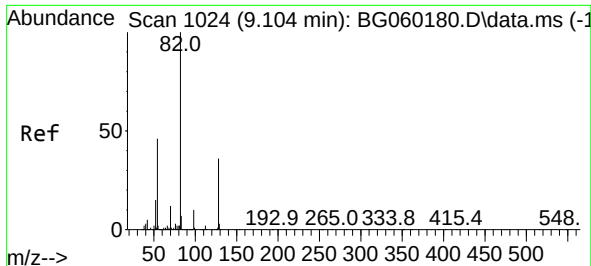


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.738 min Scan# 1302  
Delta R.T. -0.005 min  
Lab File: BG060205.D  
Acq: 2 Jan 2024 23:13

Tgt Ion: 136 Resp: 1084824

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.0  | 9.4   | 14.0  |
| 54  | 9.0   | 7.4   | 11.2  |
| 68  | 7.7   | 6.2   | 9.4   |





#23

Nitrobenzene-d5

Concen: 92.315 ng

RT: 9.099 min Scan# 10

Delta R.T. -0.005 min

Lab File: BG060205.D

Acq: 2 Jan 2024 23:13

Instrument :

BNA\_G

ClientSampleId :

PB158126BL

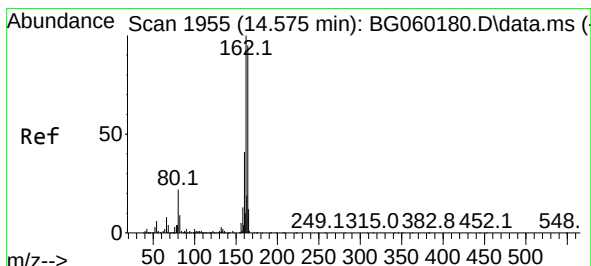
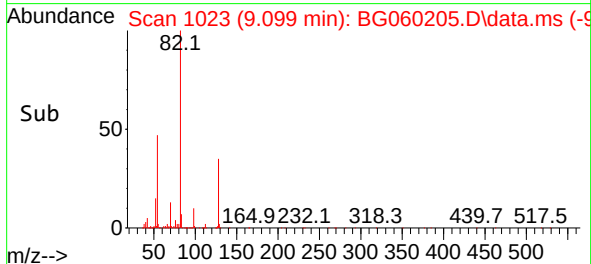
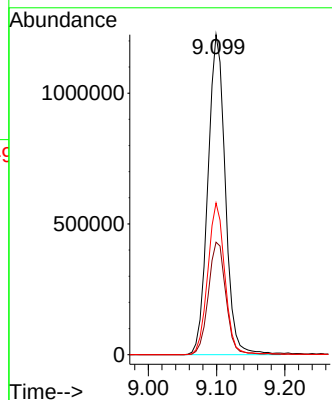
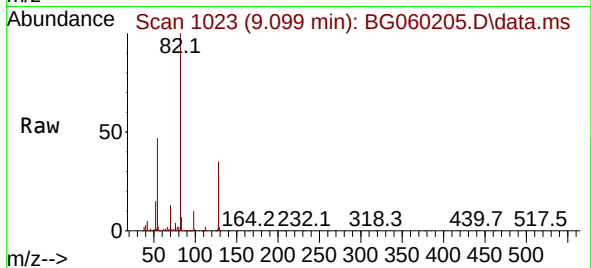
Tgt Ion: 82 Resp: 2168127

Ion Ratio Lower Upper

82 100

128 35.1 28.7 43.1

54 47.4 36.9 55.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.575 min Scan# 1955

Delta R.T. 0.001 min

Lab File: BG060205.D

Acq: 2 Jan 2024 23:13

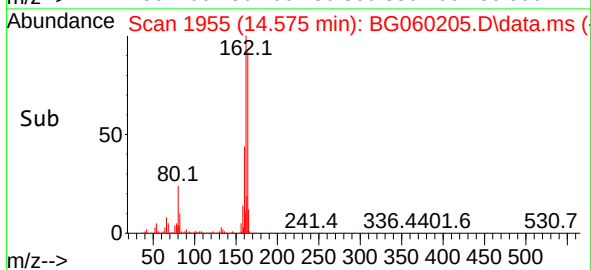
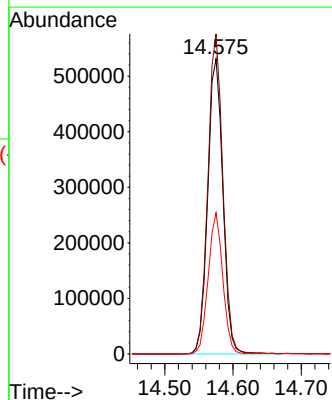
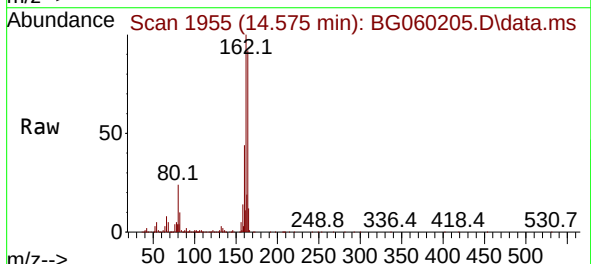
Tgt Ion:164 Resp: 818434

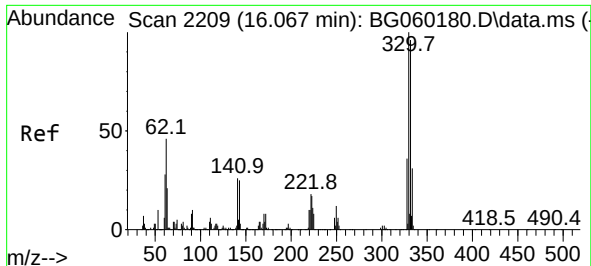
Ion Ratio Lower Upper

164 100

162 108.4 83.9 125.9

160 47.8 34.2 51.4

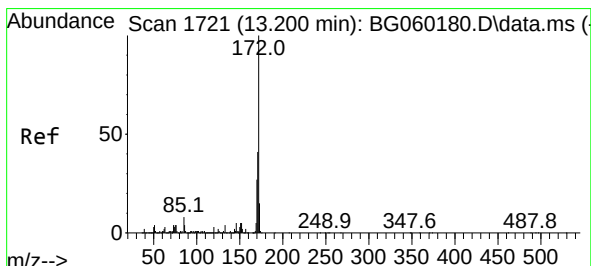
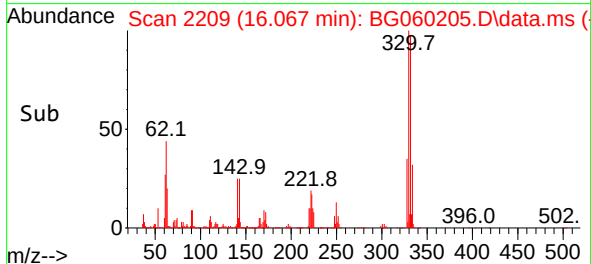
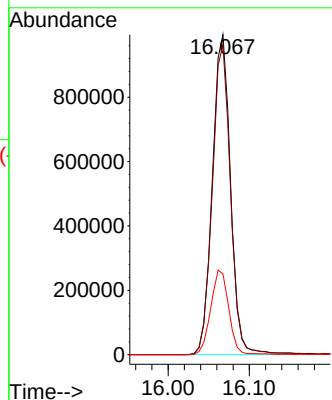
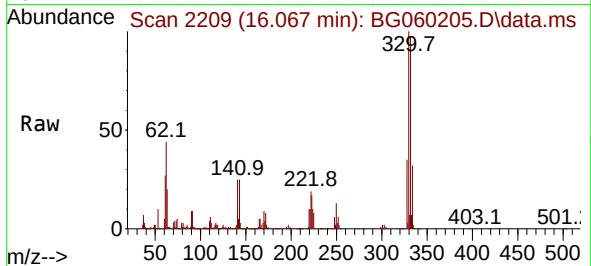




#42  
2,4,6-Tribromophenol  
Concen: 140.947 ng  
RT: 16.067 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BG060205.D  
Acq: 2 Jan 2024 23:13

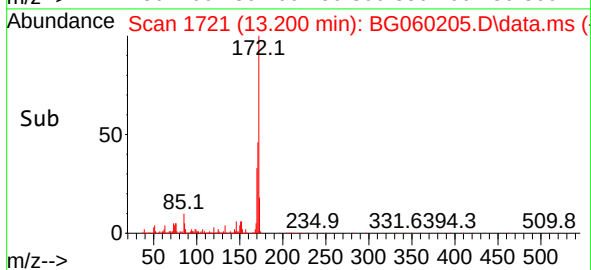
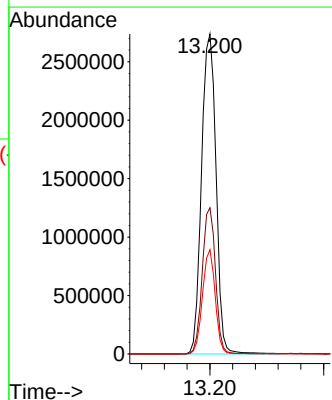
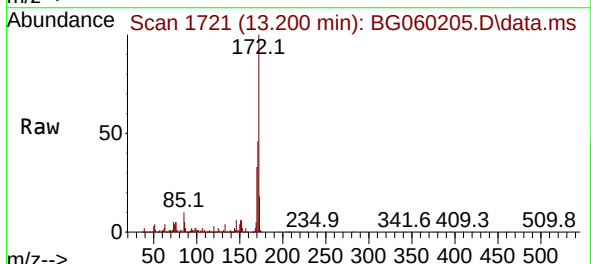
Instrument :  
BNA\_G  
ClientSampleId :  
PB158126BL

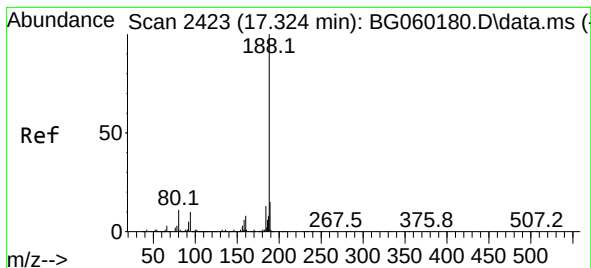
Tgt Ion:330 Resp: 1544155  
Ion Ratio Lower Upper  
330 100  
332 96.7 76.7 115.1  
141 26.4 21.0 31.4



#45  
2-Fluorobiphenyl  
Concen: 85.045 ng  
RT: 13.200 min Scan# 1721  
Delta R.T. 0.000 min  
Lab File: BG060205.D  
Acq: 2 Jan 2024 23:13

Tgt Ion:172 Resp: 4842952  
Ion Ratio Lower Upper  
172 100  
171 45.7 32.6 48.8  
170 32.6 21.8 32.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.325 min Scan# 24

Delta R.T. 0.001 min

Lab File: BG060205.D

Acq: 2 Jan 2024 23:13

Instrument :

BNA\_G

ClientSampleId :

PB158126BL

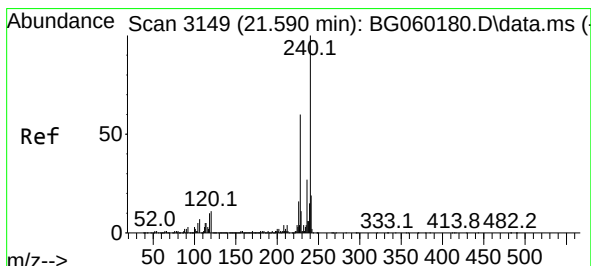
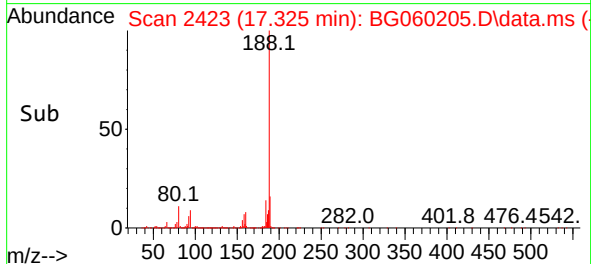
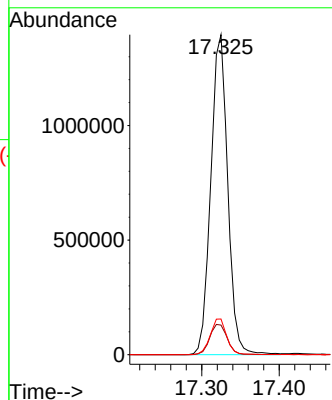
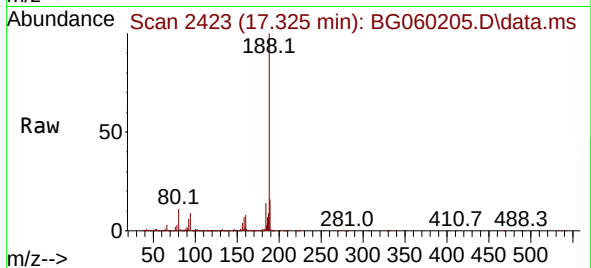
Tgt Ion:188 Resp: 2122143

Ion Ratio Lower Upper

188 100

94 9.2 7.8 11.6

80 11.2 8.6 13.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.590 min Scan# 3149

Delta R.T. 0.000 min

Lab File: BG060205.D

Acq: 2 Jan 2024 23:13

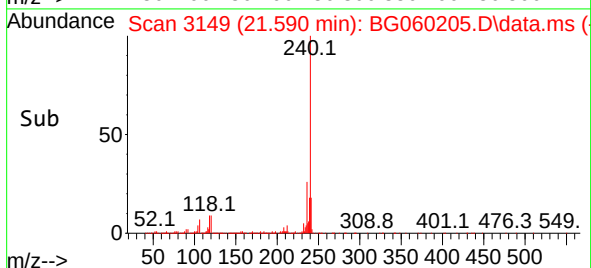
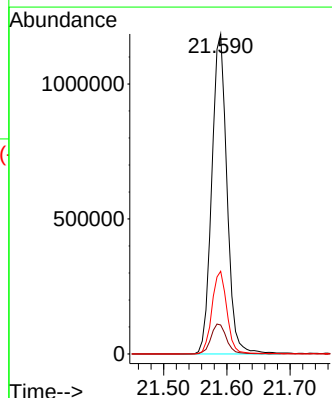
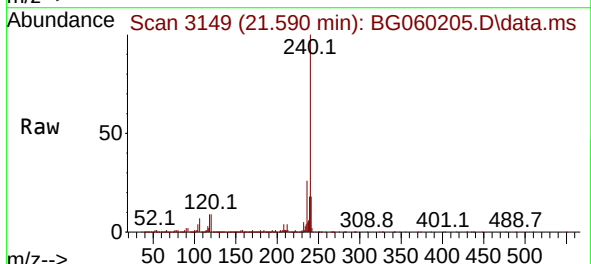
Tgt Ion:240 Resp: 1976872

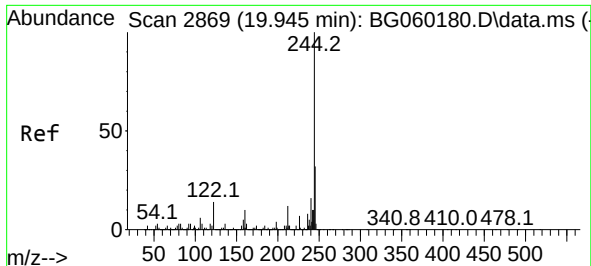
Ion Ratio Lower Upper

240 100

120 9.1 8.5 12.7

236 25.8 21.4 32.2

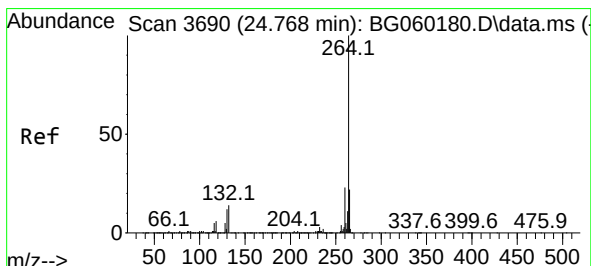
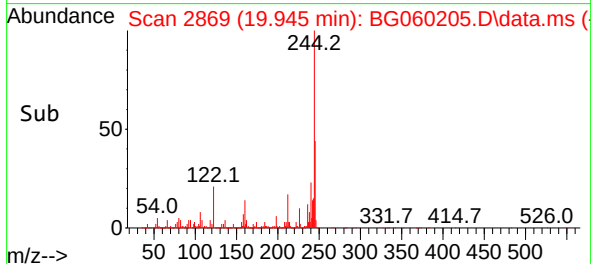
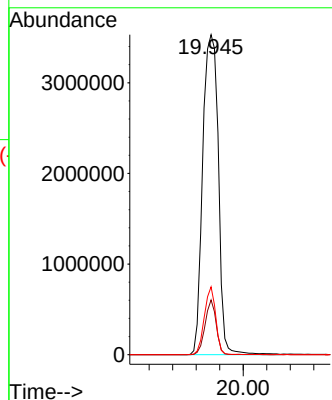
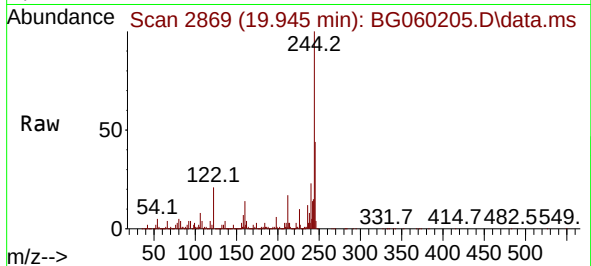




#79  
 Terphenyl-d14  
 Concen: 63.348 ng  
 RT: 19.945 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: BG060205.D  
 Acq: 2 Jan 2024 23:13

Instrument :  
 BNA\_G  
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 PB158126BL

Tgt Ion:244 Resp: 6514017  
 Ion Ratio Lower Upper  
 244 100  
 212 17.1 9.5 14.3#  
 122 21.2 11.4 17.2#



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.763 min Scan# 3689  
 Delta R.T. -0.005 min  
 Lab File: BG060205.D  
 Acq: 2 Jan 2024 23:13

Tgt Ion:264 Resp: 2169314  
 Ion Ratio Lower Upper  
 264 100  
 260 23.4 18.0 27.0  
 265 22.6 17.4 26.0

