

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG011723\  
 Data File : BG056315.D  
 Acq On : 17 Jan 2023 16:02  
 Operator : CG/JU  
 Sample : 01141-03  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 EAST-WALL

Quant Time: Jan 18 02:40:07 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG122722.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jan 12 03:38:40 2023  
 Response via : Initial Calibration

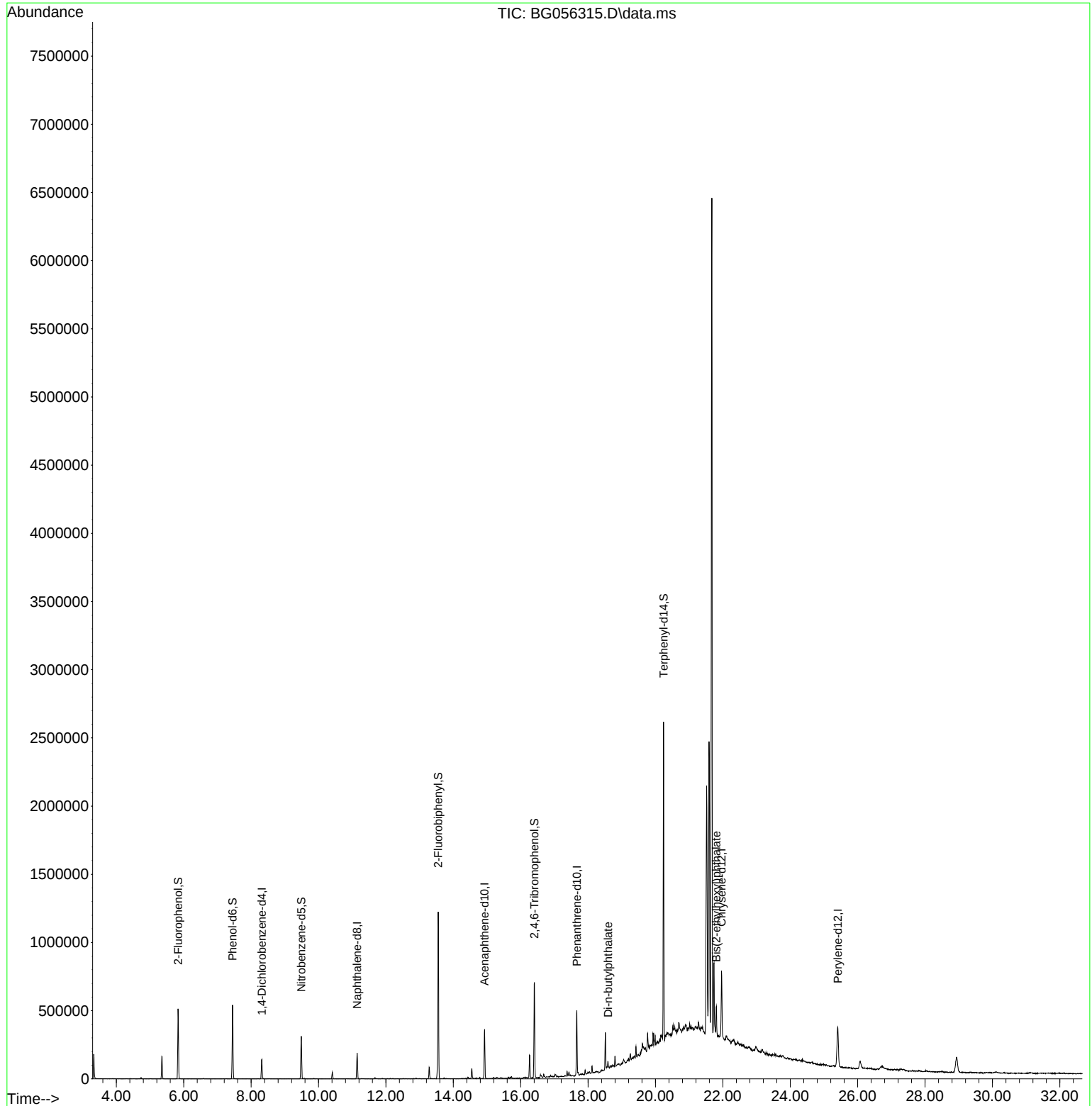
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.317  | 152  | 47687    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 11.143 | 136  | 175674   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.927 | 164  | 140384   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.665 | 188  | 340487   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.960 | 240  | 318764   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12              | 25.409 | 264  | 362984   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.832  | 112  | 278369   | 104.227 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.448  | 99   | 418900   | 102.131 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.486  | 82   | 229739   | 66.894  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.408 | 330  | 146191   | 82.225  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.552 | 172  | 696290   | 68.491  | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.239 | 244  | 1223027  | 68.719  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
| 74) Di-n-butylphthalate       | 18.593 | 149  | 43028    | 2.821   | ng    | # 95     |
| 84) Bis(2-ethylhexyl)phtha... | 21.807 | 149  | 97867    | 10.539  | ng    | 96       |
| -----                         |        |      |          |         |       |          |

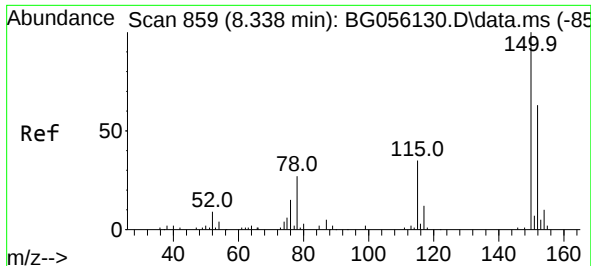
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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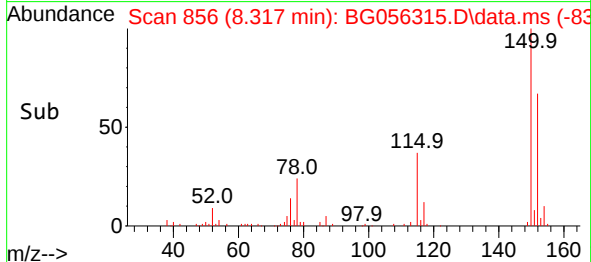
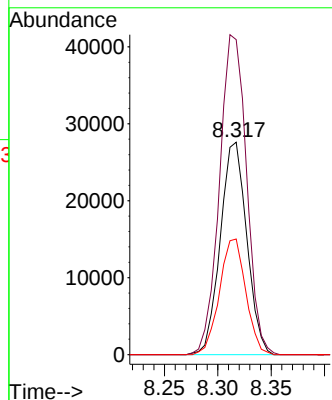
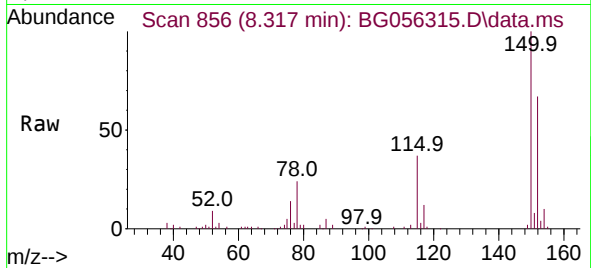




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.317 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BG056315.D  
Acq: 17 Jan 2023 16:02

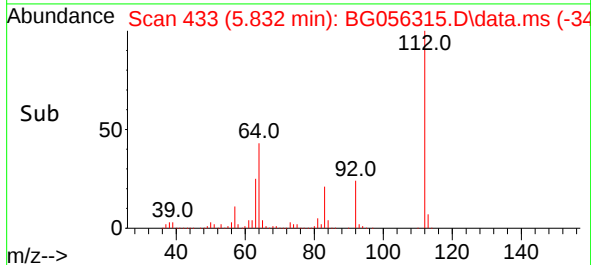
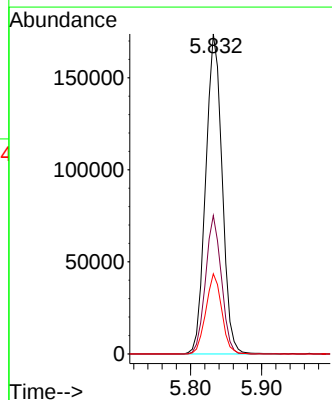
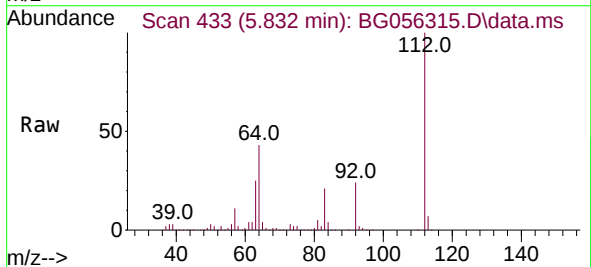
Instrument :  
BNA\_G  
ClientSampleId :  
EAST-WALL

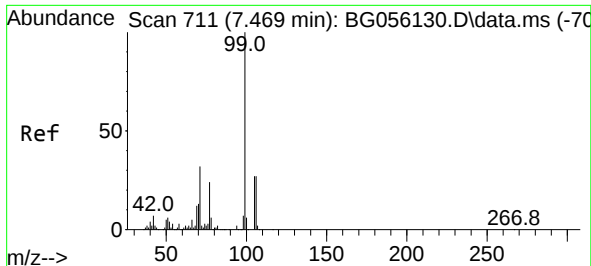
Tgt Ion:152 Resp: 47687  
Ion Ratio Lower Upper  
152 100  
150 148.3 127.9 191.9  
115 54.5 44.2 66.2



#5  
2-Fluorophenol  
Concen: 104.227 ng  
RT: 5.832 min Scan# 433  
Delta R.T. 0.006 min  
Lab File: BG056315.D  
Acq: 17 Jan 2023 16:02

Tgt Ion:112 Resp: 278369  
Ion Ratio Lower Upper  
112 100  
64 43.2 33.3 49.9  
63 25.0 19.0 28.4

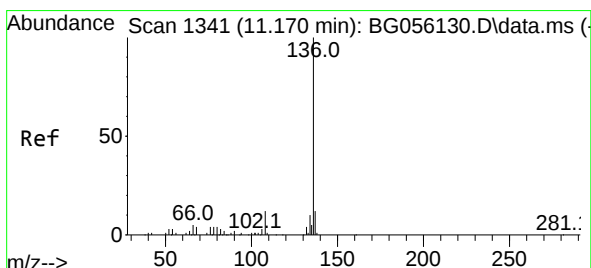
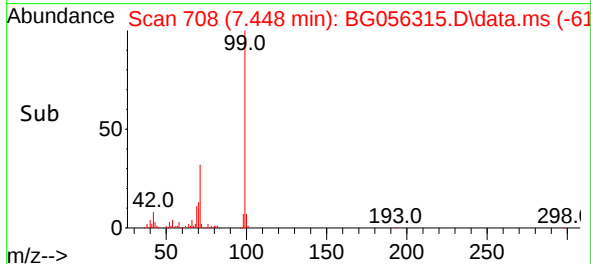
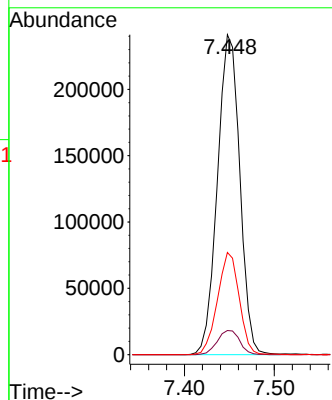
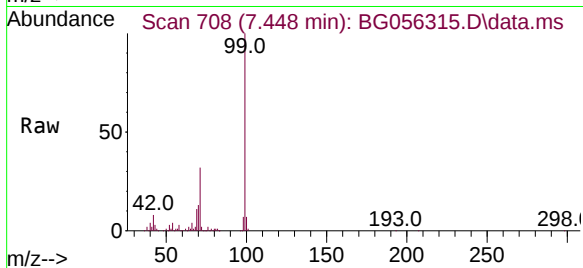




#7  
Phenol-d6  
Concen: 102.131 ng  
RT: 7.448 min Scan# 70  
Delta R.T. 0.001 min  
Lab File: BG056315.D  
Acq: 17 Jan 2023 16:02

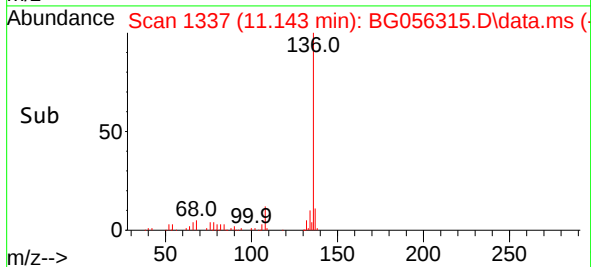
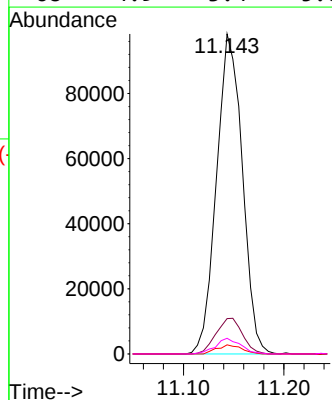
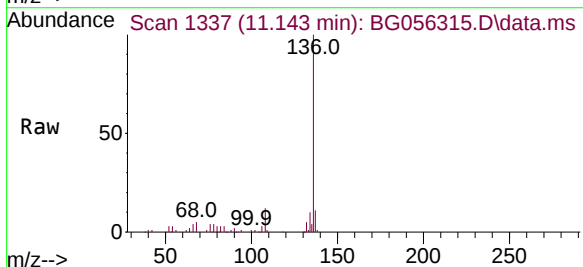
Instrument :  
BNA\_G  
ClientSampleId :  
EAST-WALL

Tgt Ion: 99 Resp: 418900  
Ion Ratio Lower Upper  
99 100  
42 7.5 5.9 8.9  
71 31.9 25.4 38.2



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.143 min Scan# 1337  
Delta R.T. -0.005 min  
Lab File: BG056315.D  
Acq: 17 Jan 2023 16:02

Tgt Ion: 136 Resp: 175674  
Ion Ratio Lower Upper  
136 100  
137 11.0 9.4 14.0  
54 2.8 2.2 3.2  
68 4.9 3.4 5.0





#23

Nitrobenzene-d5

Concen: 66.894 ng

RT: 9.486 min Scan# 1055

Delta R.T. -0.005 min

Lab File: BG056315.D

Acq: 17 Jan 2023 16:02

Instrument :

BNA\_G

ClientSampleId :

EAST-WALL

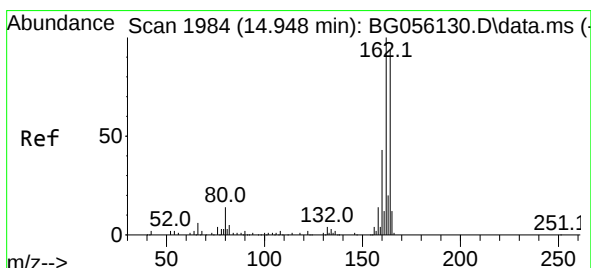
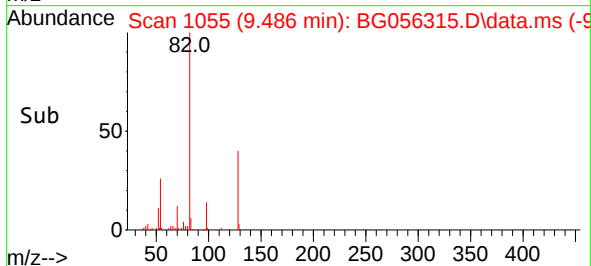
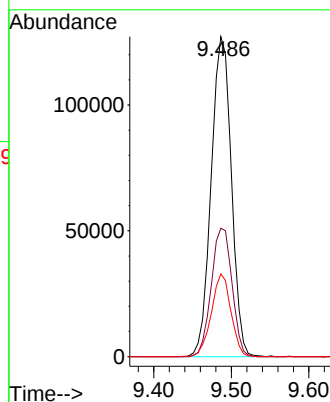
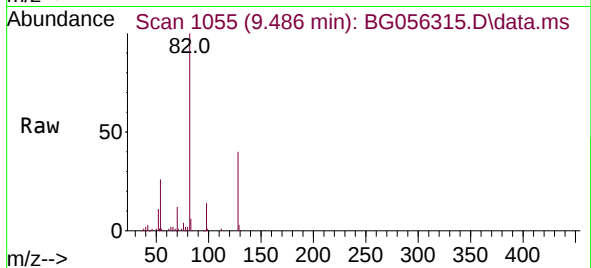
Tgt Ion: 82 Resp: 229739

Ion Ratio Lower Upper

82 100

128 40.1 33.4 50.2

54 25.8 20.3 30.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.927 min Scan# 1981

Delta R.T. 0.001 min

Lab File: BG056315.D

Acq: 17 Jan 2023 16:02

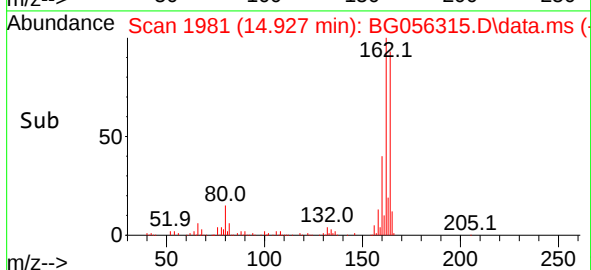
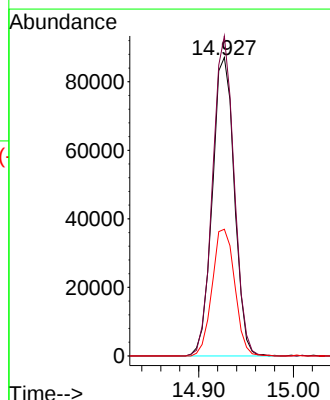
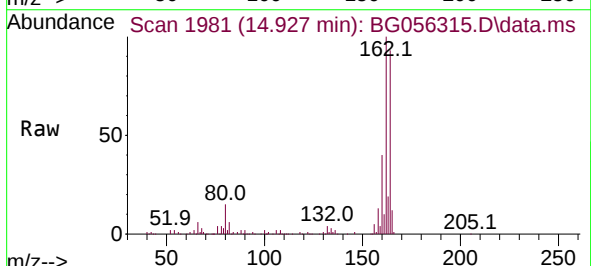
Tgt Ion:164 Resp: 140384

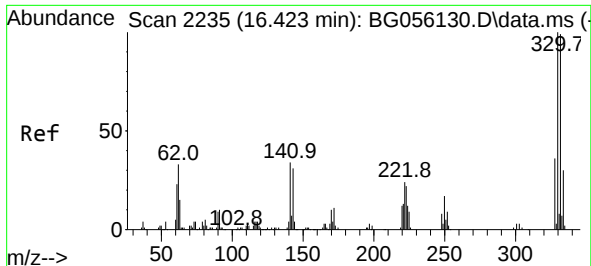
Ion Ratio Lower Upper

164 100

162 107.2 84.7 127.1

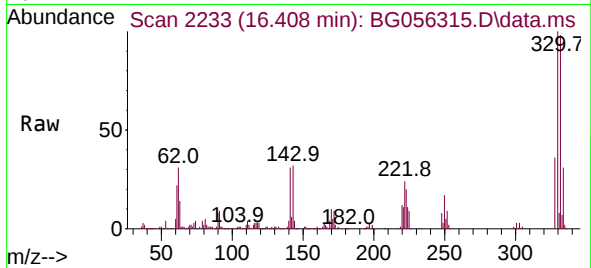
160 42.4 36.3 54.5



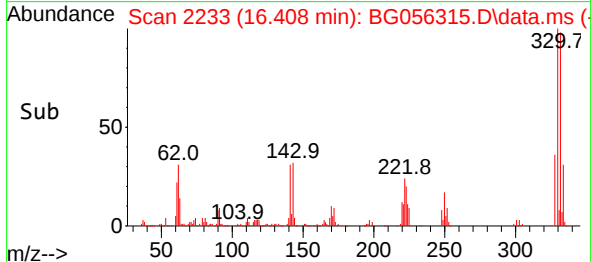
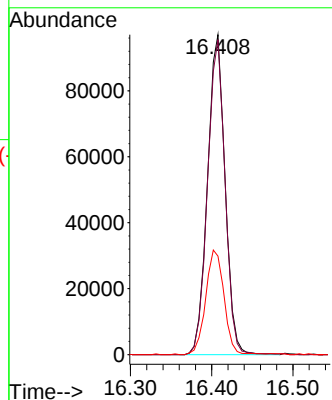


#42  
2,4,6-Tribromophenol  
Concen: 82.225 ng  
RT: 16.408 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BG056315.D  
Acq: 17 Jan 2023 16:02

Instrument :  
BNA\_G  
ClientSampleId :  
EAST-WALL

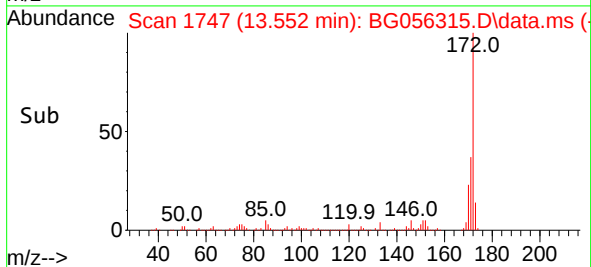
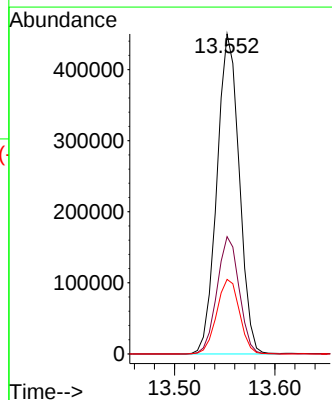
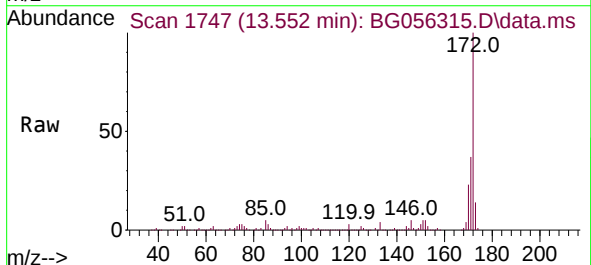


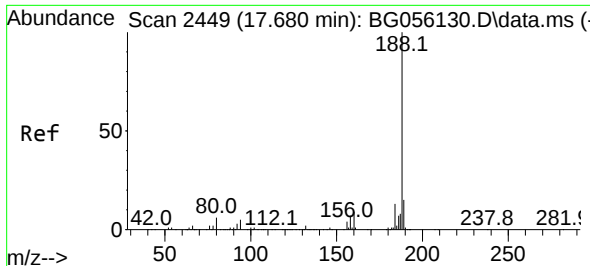
Tgt Ion:330 Resp: 146191  
Ion Ratio Lower Upper  
330 100  
332 97.8 77.3 115.9  
141 34.2 27.9 41.9



#45  
2-Fluorobiphenyl  
Concen: 68.491 ng  
RT: 13.552 min Scan# 1747  
Delta R.T. -0.005 min  
Lab File: BG056315.D  
Acq: 17 Jan 2023 16:02

Tgt Ion:172 Resp: 696290  
Ion Ratio Lower Upper  
172 100  
171 36.6 29.6 44.4  
170 23.3 19.4 29.2

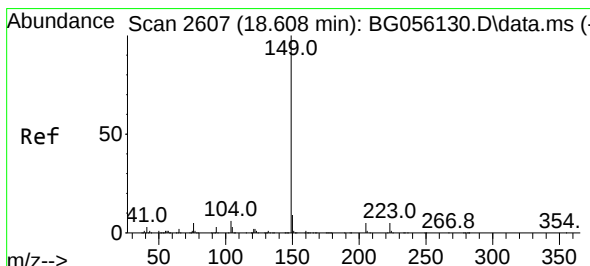
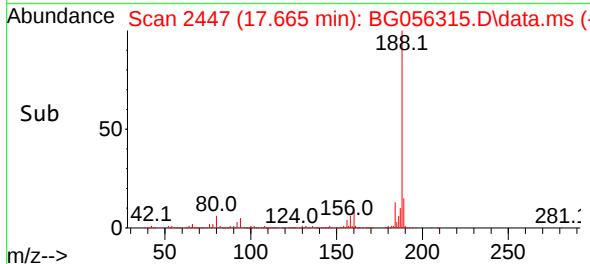
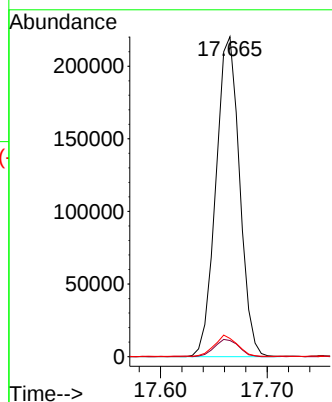
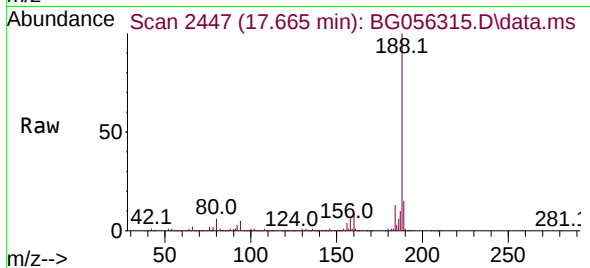




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.665 min Scan# 24  
Delta R.T. 0.000 min  
Lab File: BG056315.D  
Acq: 17 Jan 2023 16:02

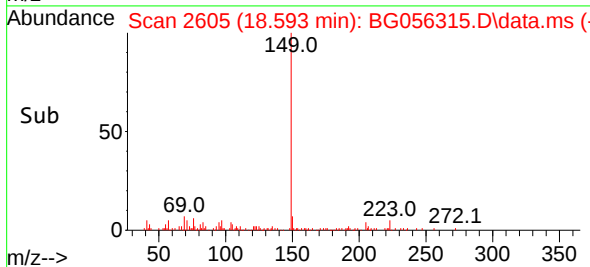
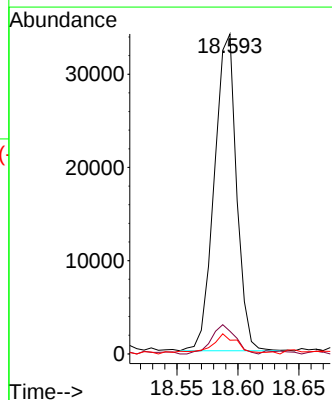
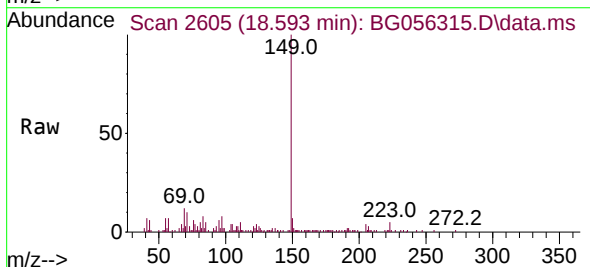
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ClientSampleId :  
EAST-WALL

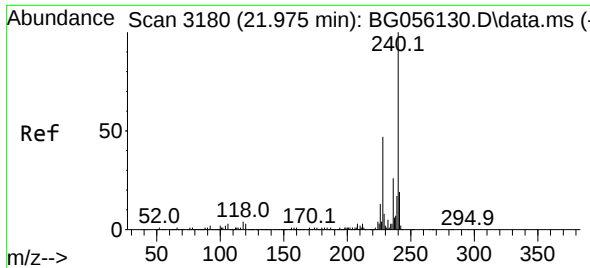
Tgt Ion:188 Resp: 340487  
Ion Ratio Lower Upper  
188 100  
94 5.0 4.2 6.2  
80 5.7 5.0 7.4



#74  
Di-n-butylphthalate  
Concen: 2.821 ng  
RT: 18.593 min Scan# 2605  
Delta R.T. 0.000 min  
Lab File: BG056315.D  
Acq: 17 Jan 2023 16:02

Tgt Ion:149 Resp: 43028  
Ion Ratio Lower Upper  
149 100  
150 7.1 7.4 11.2#  
104 4.3 4.4 6.6#

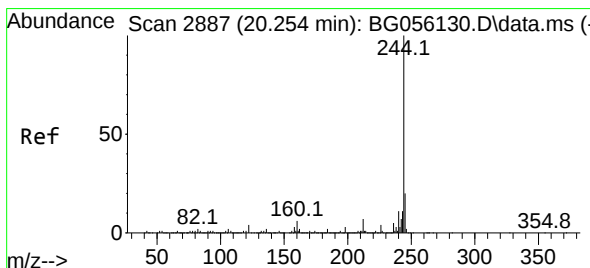
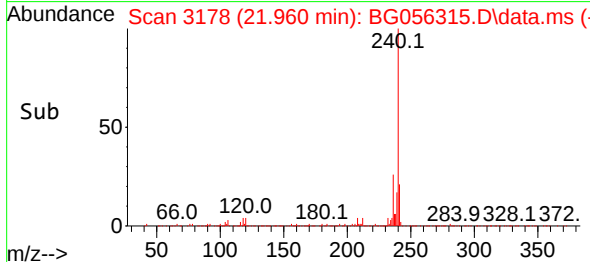
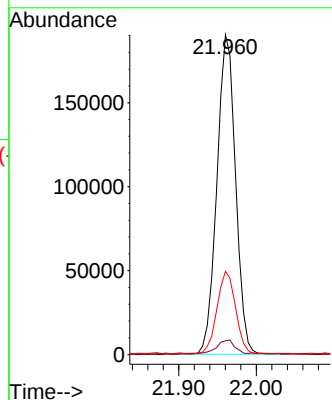
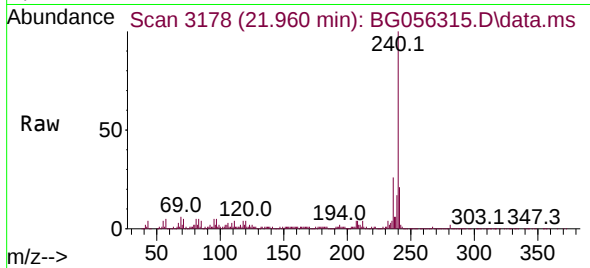




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.960 min Scan# 3180  
Delta R.T. 0.000 min  
Lab File: BG056315.D  
Acq: 17 Jan 2023 16:02

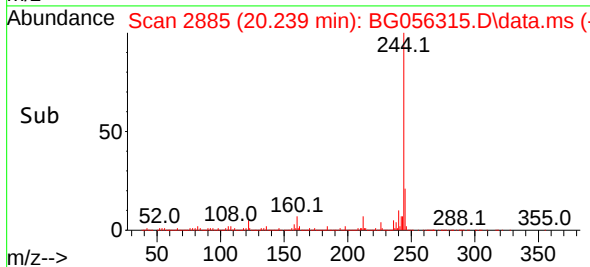
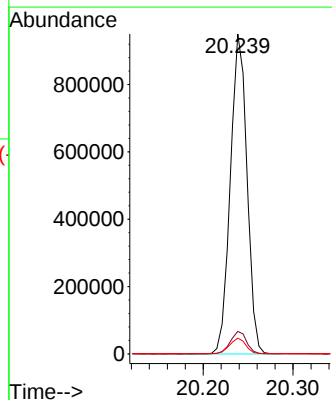
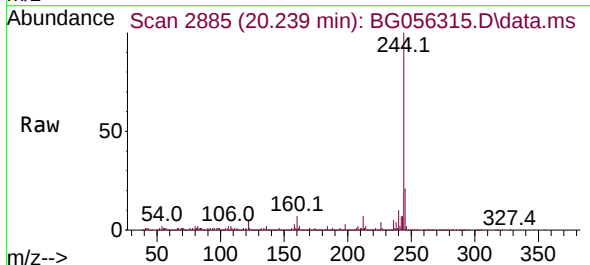
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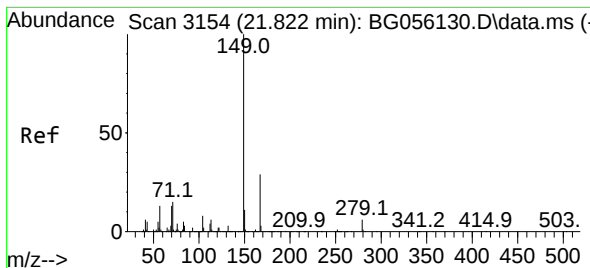
Tgt Ion:240 Resp: 318764  
Ion Ratio Lower Upper  
240 100  
120 4.3 2.6 4.0#  
236 26.0 20.8 31.2



#79  
Terphenyl-d14  
Concen: 68.719 ng  
RT: 20.239 min Scan# 2885  
Delta R.T. 0.000 min  
Lab File: BG056315.D  
Acq: 17 Jan 2023 16:02

Tgt Ion:244 Resp: 1223027  
Ion Ratio Lower Upper  
244 100  
212 7.0 5.7 8.5  
122 4.9 3.5 5.3

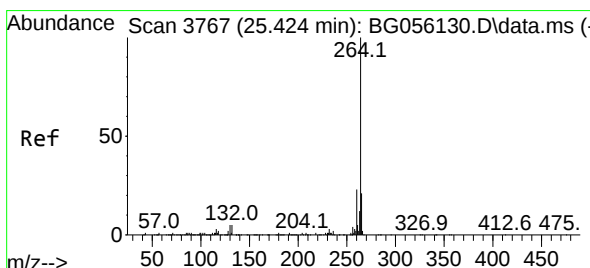
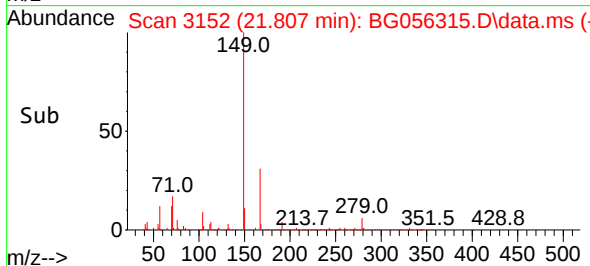
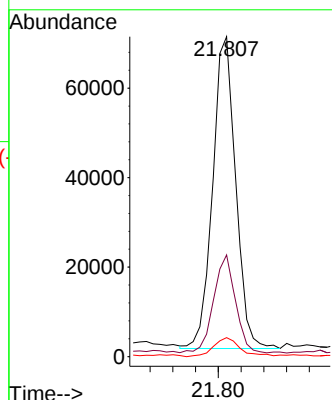
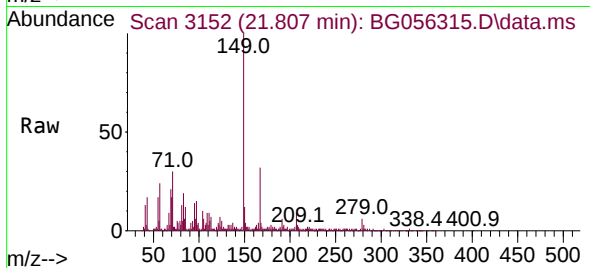




#84  
Bis(2-ethylhexyl)phthalate  
Concen: 10.539 ng  
RT: 21.807 min Scan# 3152  
Delta R.T. 0.001 min  
Lab File: BG056315.D  
Acq: 17 Jan 2023 16:02

Instrument :  
BNA\_G  
ClientSampleId :  
EAST-WALL

Tgt Ion:149 Resp: 97867  
Ion Ratio Lower Upper  
149 100  
167 31.8 23.4 35.2  
279 5.9 4.7 7.1



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 25.409 min Scan# 3765  
Delta R.T. 0.006 min  
Lab File: BG056315.D  
Acq: 17 Jan 2023 16:02

Tgt Ion:264 Resp: 362984  
Ion Ratio Lower Upper  
264 100  
260 25.1 18.6 28.0  
265 20.1 16.7 25.1

