

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG112123\  
 Data File : BG059812.D  
 Acq On : 22 Nov 2023 4:32  
 Operator : MA/JU  
 Sample : 05351-02  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 VNJ-241

Quant Time: Nov 22 05:28:02 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG111623.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Nov 17 01:51:38 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.336  | 152  | 25440    | 20.000  | ng    | # 0.00   |
| 21) Naphthalene-d8          | 11.186 | 136  | 106894   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 14.970 | 164  | 119456   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.713 | 188  | 295796   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12            | 22.044 | 240  | 260989   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 25.622 | 264  | 268122   | 20.000  | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.833  | 112  | 188951   | 125.012 | ng    | 0.00     |
| 7) Phenol-d6                | 7.461  | 99   | 268310   | 119.790 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.541  | 82   | 261679   | 93.495  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.450 | 330  | 236613   | 174.574 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.589 | 172  | 827567   | 93.251  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.293 | 244  | 1838974  | 104.019 | ng    | 0.00     |

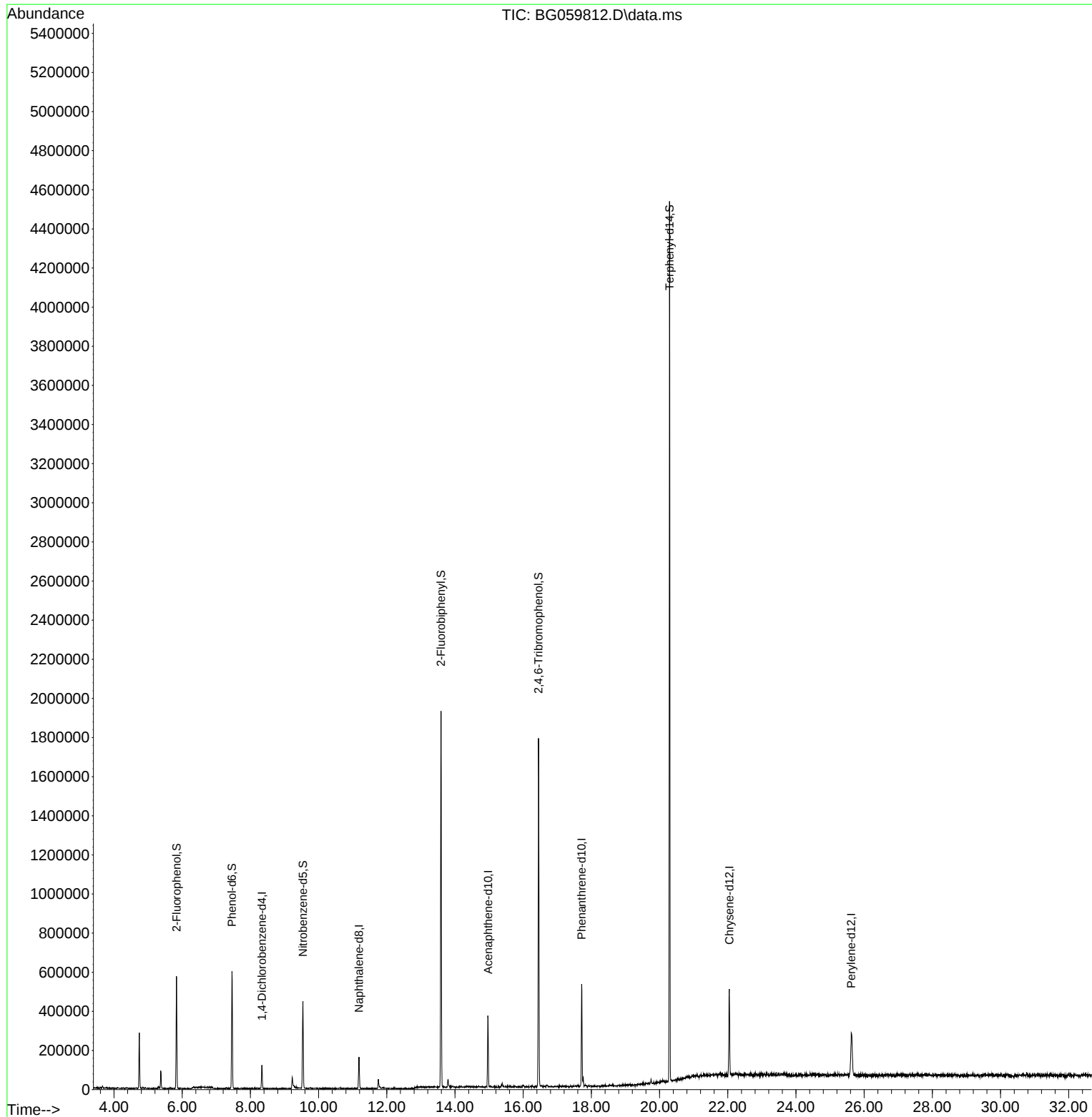
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

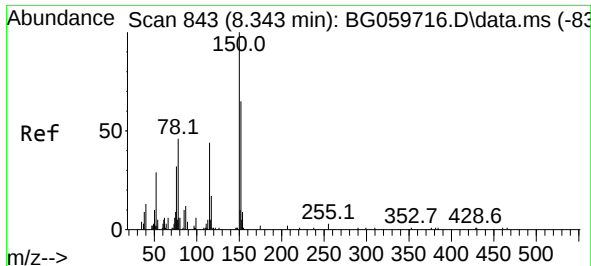
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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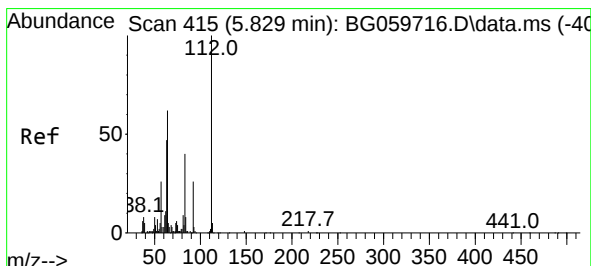
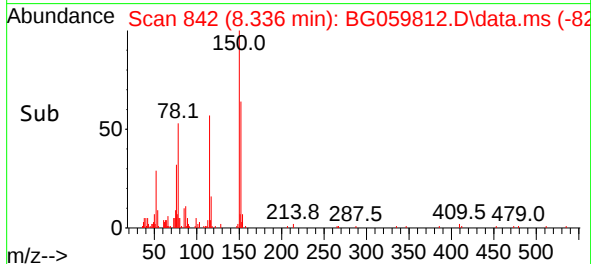
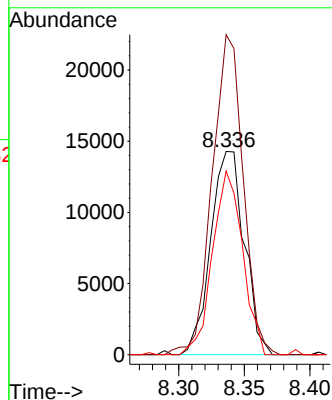
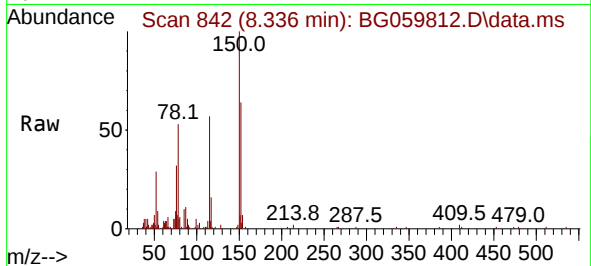




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.336 min Scan# 84  
Delta R.T. -0.007 min  
Lab File: BG059812.D  
Acq: 22 Nov 2023 4:32

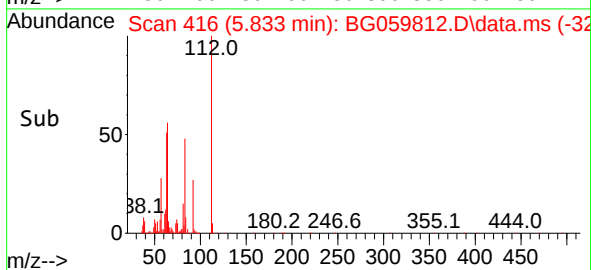
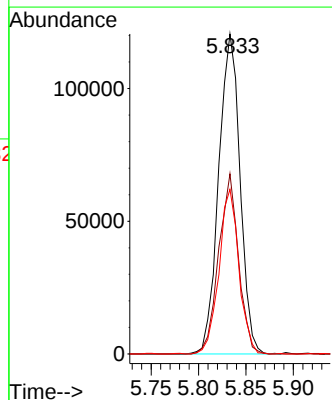
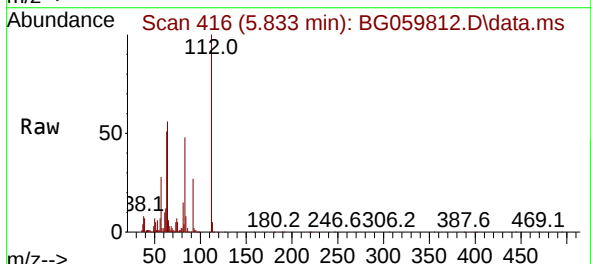
Instrument :  
BNA\_G  
ClientSampleId :  
VNJ-241

Tgt Ion:152 Resp: 25440  
Ion Ratio Lower Upper  
152 100  
150 157.4 122.2 183.4  
115 90.3 54.2 81.4#



#5  
2-Fluorophenol  
Concen: 125.012 ng  
RT: 5.833 min Scan# 416  
Delta R.T. 0.004 min  
Lab File: BG059812.D  
Acq: 22 Nov 2023 4:32

Tgt Ion:112 Resp: 188951  
Ion Ratio Lower Upper  
112 100  
64 56.3 49.5 74.3  
63 51.4 37.4 56.2

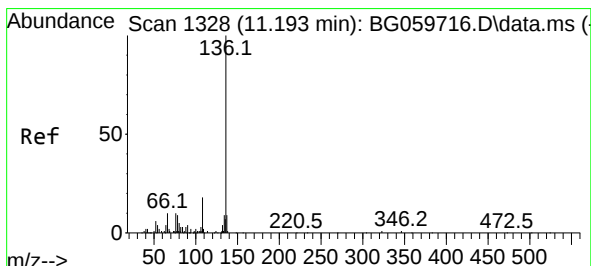
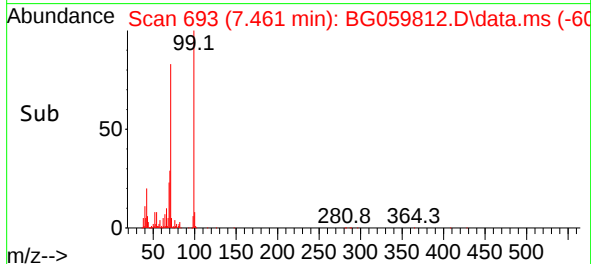
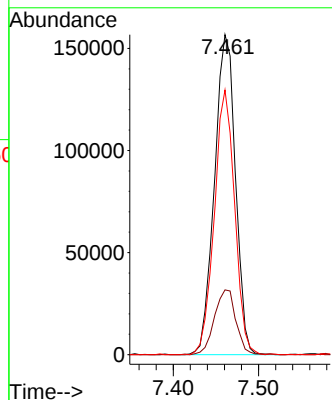
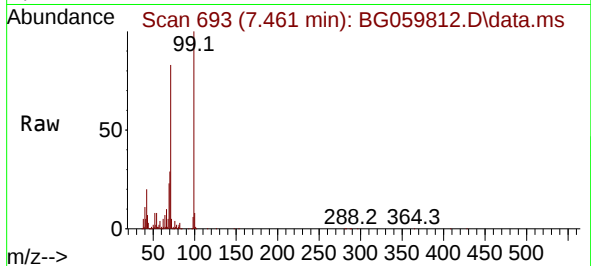




#7  
Phenol-d6  
Concen: 119.790 ng  
RT: 7.461 min Scan# 692  
Delta R.T. 0.004 min  
Lab File: BG059812.D  
Acq: 22 Nov 2023 4:32

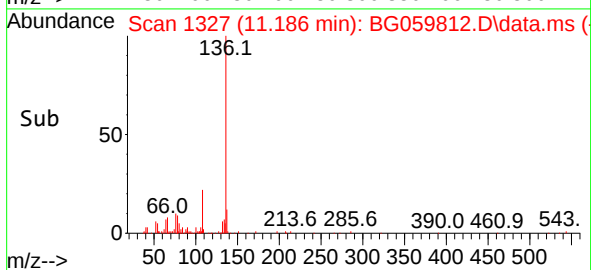
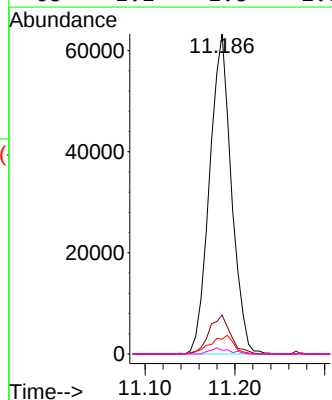
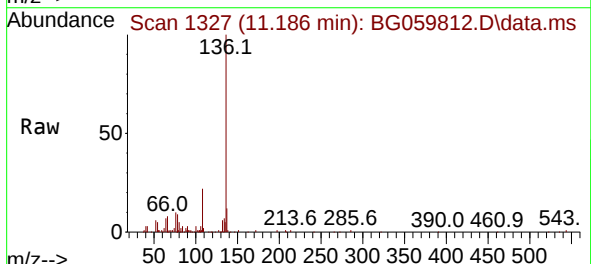
Instrument :  
BNA\_G  
ClientSampleId :  
VNJ-241

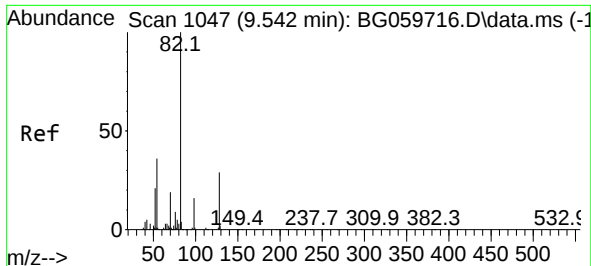
Tgt Ion: 99 Resp: 268310  
Ion Ratio Lower Upper  
99 100  
42 20.3 14.3 21.5  
71 82.7 59.3 88.9



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.186 min Scan# 1327  
Delta R.T. -0.007 min  
Lab File: BG059812.D  
Acq: 22 Nov 2023 4:32

Tgt Ion: 136 Resp: 106894  
Ion Ratio Lower Upper  
136 100  
137 12.1 7.4 11.0#  
54 4.6 3.1 4.7  
68 1.1 1.8 2.8#





#23

Nitrobenzene-d5

Concen: 93.495 ng

RT: 9.541 min Scan# 1047

Delta R.T. -0.001 min

Lab File: BG059812.D

Acq: 22 Nov 2023 4:32

Instrument :

BNA\_G

ClientSampleId :

VNJ-241

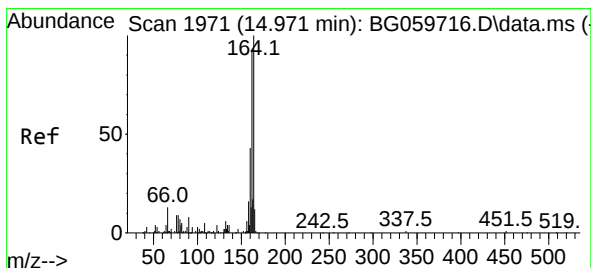
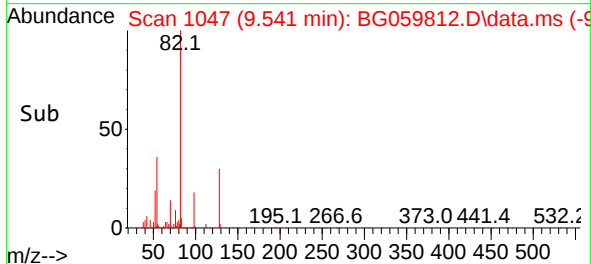
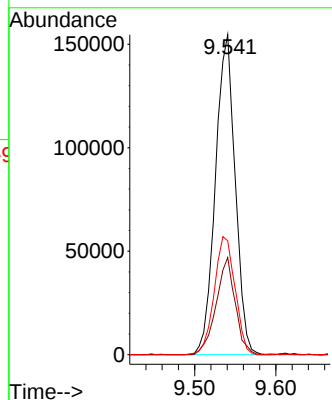
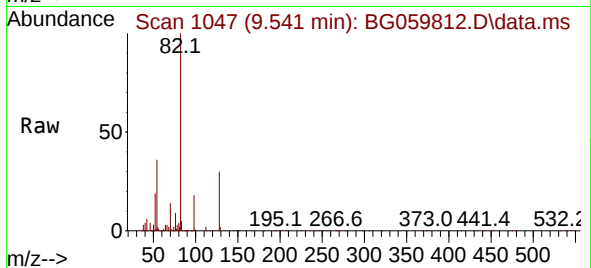
Tgt Ion: 82 Resp: 261679

Ion Ratio Lower Upper

82 100

128 30.3 23.0 34.6

54 35.6 28.7 43.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.970 min Scan# 1971

Delta R.T. -0.001 min

Lab File: BG059812.D

Acq: 22 Nov 2023 4:32

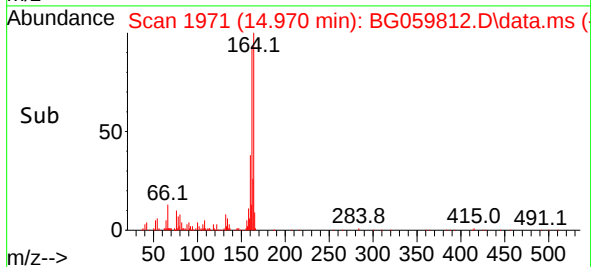
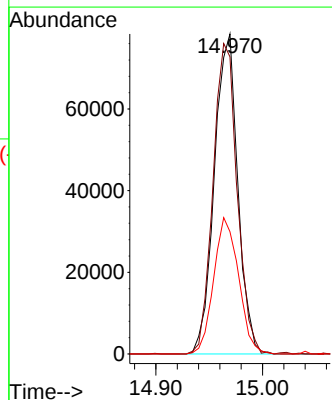
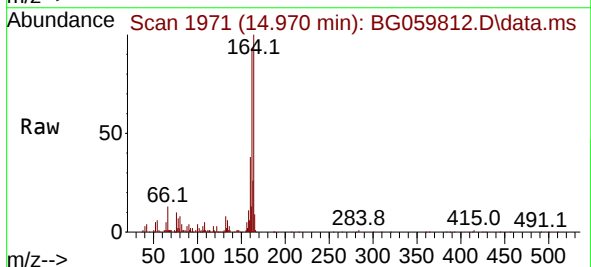
Tgt Ion:164 Resp: 119456

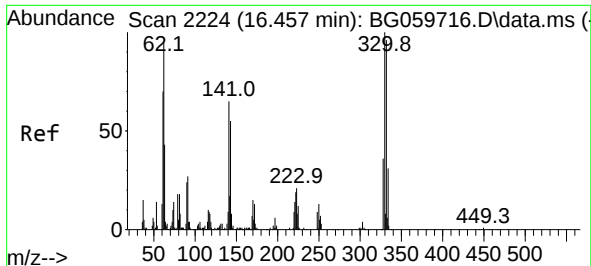
Ion Ratio Lower Upper

164 100

162 92.9 73.3 109.9

160 38.2 34.1 51.1

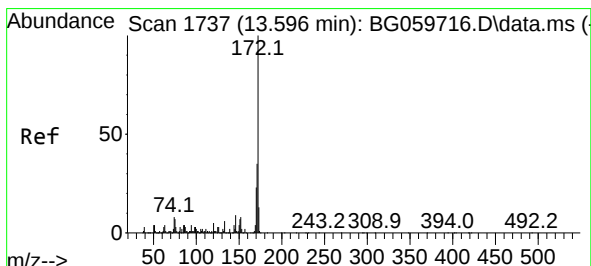
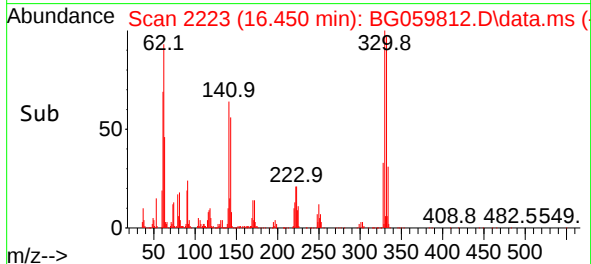
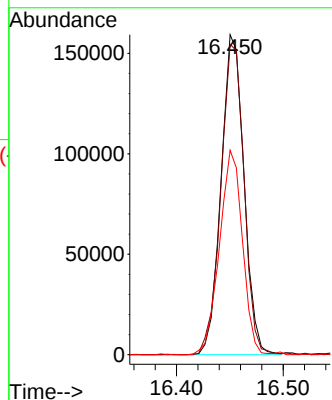
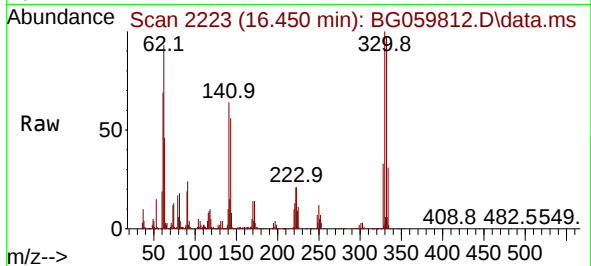




#42  
2,4,6-Tribromophenol  
Concen: 174.574 ng  
RT: 16.450 min Scan# 21  
Delta R.T. -0.007 min  
Lab File: BG059812.D  
Acq: 22 Nov 2023 4:32

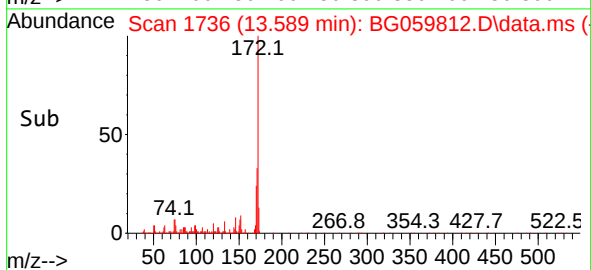
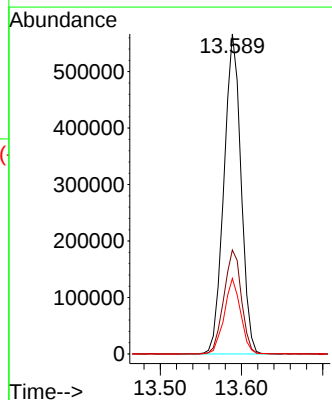
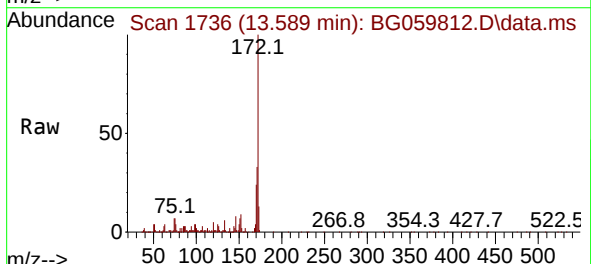
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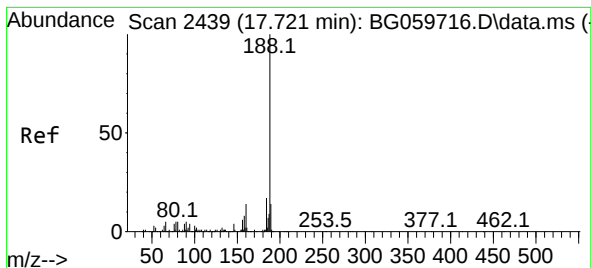
Tgt Ion:330 Resp: 236613  
Ion Ratio Lower Upper  
330 100  
332 98.8 73.3 109.9  
141 64.4 52.1 78.1



#45  
2-Fluorobiphenyl  
Concen: 93.251 ng  
RT: 13.589 min Scan# 1736  
Delta R.T. -0.007 min  
Lab File: BG059812.D  
Acq: 22 Nov 2023 4:32

Tgt Ion:172 Resp: 827567  
Ion Ratio Lower Upper  
172 100  
171 32.5 27.7 41.5  
170 23.6 18.4 27.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.713 min Scan# 2438

Delta R.T. -0.007 min

Lab File: BG059812.D

Acq: 22 Nov 2023 4:32

Instrument :

BNA\_G

ClientSampleId :

VNJ-241

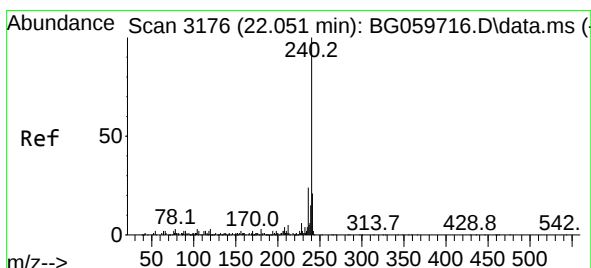
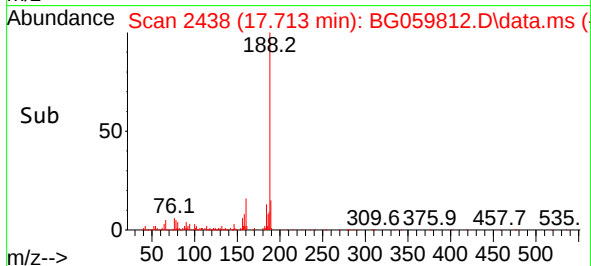
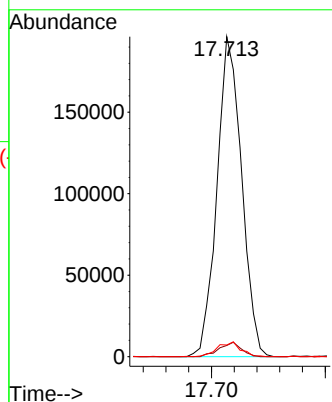
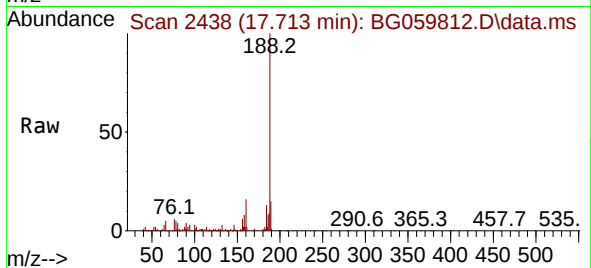
Tgt Ion:188 Resp: 295796

Ion Ratio Lower Upper

188 100

94 3.5 3.0 4.4

80 3.7 4.2 6.4#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.044 min Scan# 3175

Delta R.T. -0.007 min

Lab File: BG059812.D

Acq: 22 Nov 2023 4:32

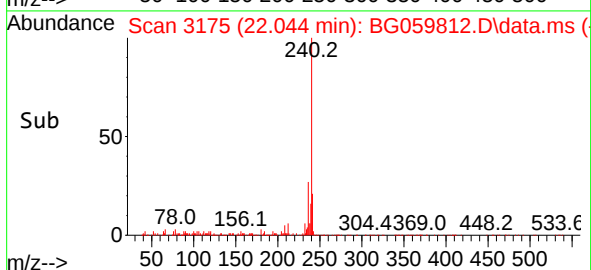
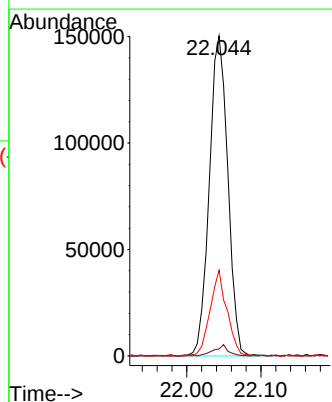
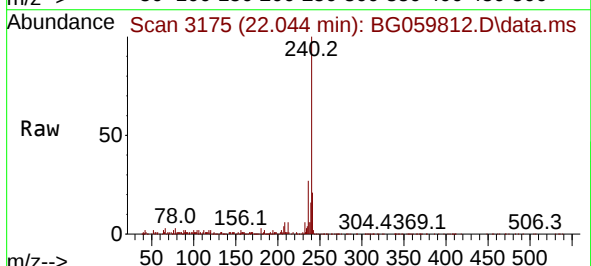
Tgt Ion:240 Resp: 260989

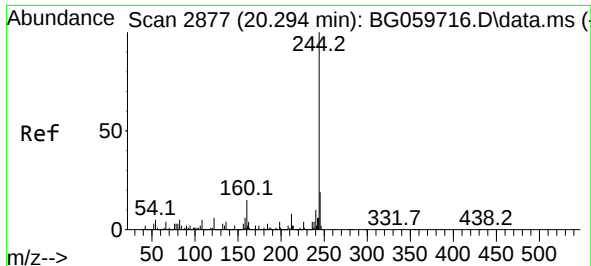
Ion Ratio Lower Upper

240 100

120 2.2 2.2 3.2

236 26.8 19.4 29.2

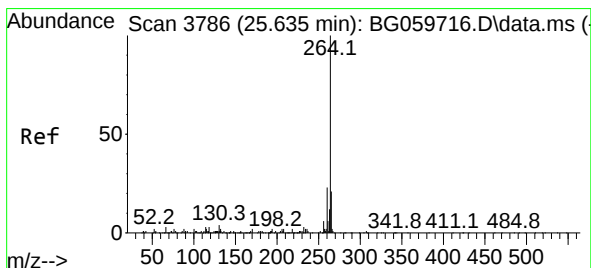
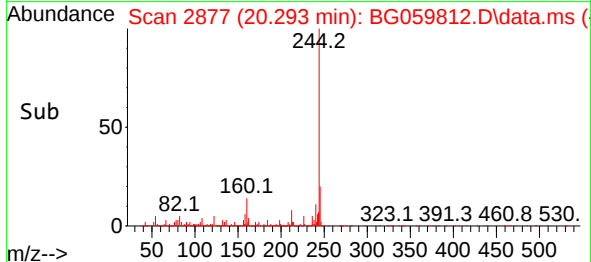
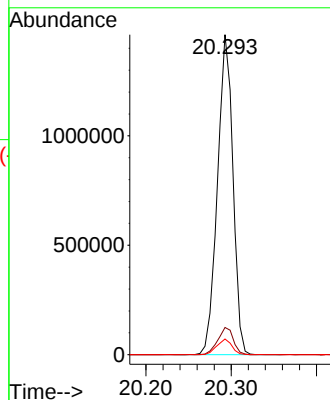
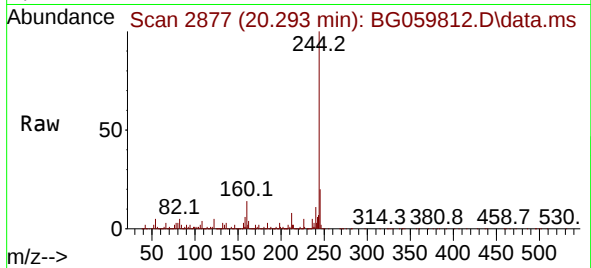




#79  
 Terphenyl-d14  
 Concen: 104.019 ng  
 RT: 20.293 min Scan# 21  
 Delta R.T. -0.001 min  
 Lab File: BG059812.D  
 Acq: 22 Nov 2023 4:32

Instrument :  
 BNA\_G  
 ClientSampleId :  
 VNJ-241

Tgt Ion:244 Resp: 1838974  
 Ion Ratio Lower Upper  
 244 100  
 212 8.5 6.6 10.0  
 122 4.9 4.4 6.6



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.622 min Scan# 3784  
 Delta R.T. -0.013 min  
 Lab File: BG059812.D  
 Acq: 22 Nov 2023 4:32

Tgt Ion:264 Resp: 268122  
 Ion Ratio Lower Upper  
 264 100  
 260 19.3 18.5 27.7  
 265 23.4 17.0 25.6

