

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG052323\  
 Data File : BG057515.D  
 Acq On : 23 May 2023 11:53  
 Operator : CG/JU  
 Sample : 02870-01  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP21

Quant Time: May 23 13:13:25 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG042723.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat May 20 04:19:55 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.358  | 152  | 20275    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 11.189 | 136  | 73898    | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 14.972 | 164  | 52939    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.710 | 188  | 133389   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 22.016 | 240  | 133558   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 25.511 | 264  | 142951   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.873  | 112  | 115199   | 97.194  | ng    | 0.00     |
| 7) Phenol-d6                | 7.500  | 99   | 176100   | 97.842  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.532  | 82   | 99809    | 56.687  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.452 | 330  | 91259    | 121.493 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.592 | 172  | 251350   | 63.945  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.277 | 244  | 529876   | 64.745  | ng    | 0.00     |

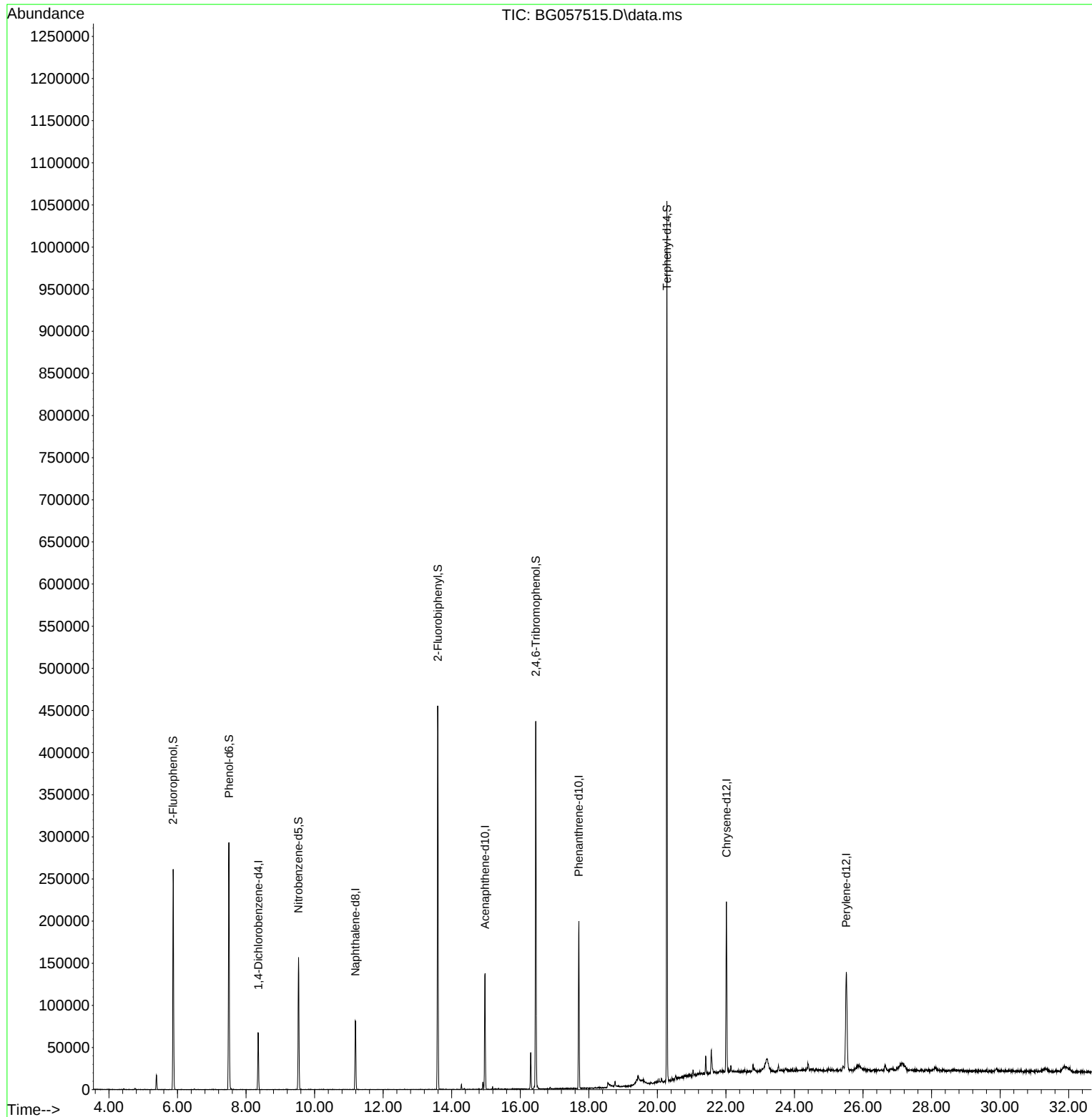
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

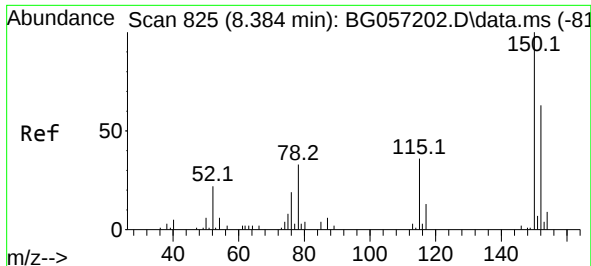
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 5 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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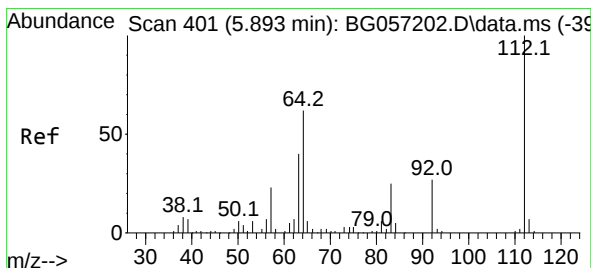
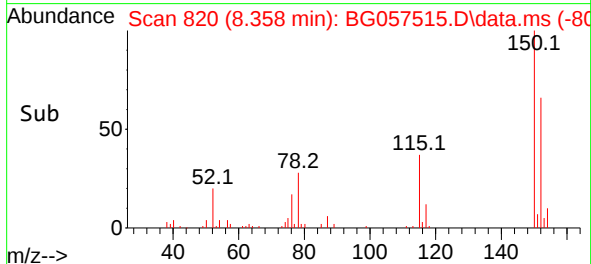
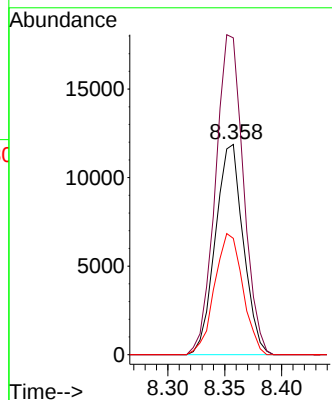
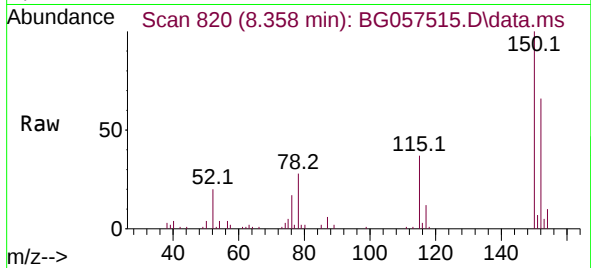




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.358 min Scan# 81  
Delta R.T. -0.004 min  
Lab File: BG057515.D  
Acq: 23 May 2023 11:53

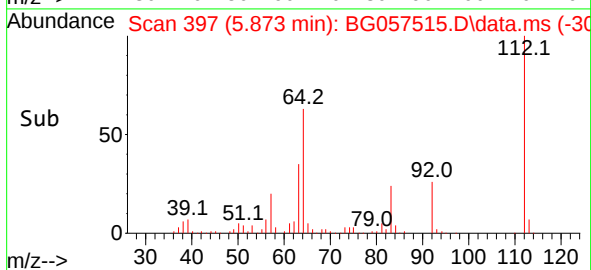
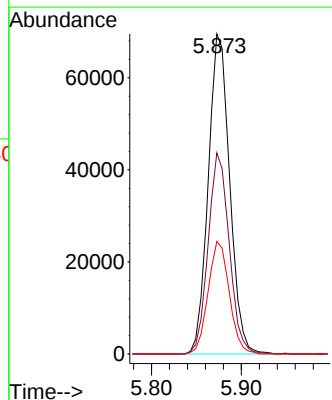
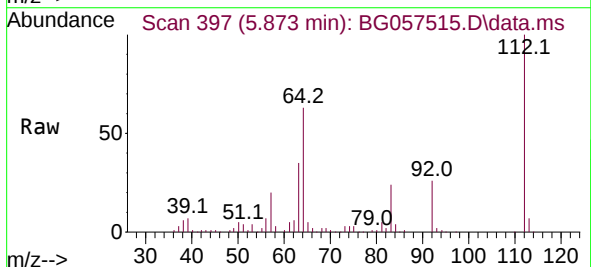
Instrument :  
BNA\_G  
ClientSampleId :  
TP21

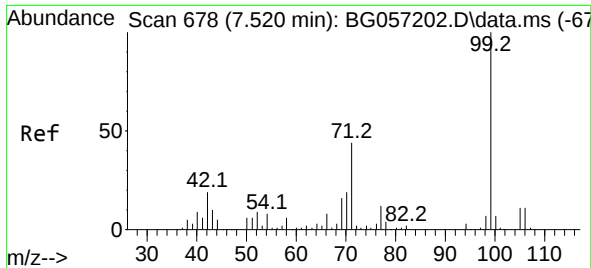
Tgt Ion:152 Resp: 20275  
Ion Ratio Lower Upper  
152 100  
150 150.6 126.2 189.4  
115 55.4 45.0 67.4



#5  
2-Fluorophenol  
Concen: 97.194 ng  
RT: 5.873 min Scan# 397  
Delta R.T. 0.002 min  
Lab File: BG057515.D  
Acq: 23 May 2023 11:53

Tgt Ion:112 Resp: 115199  
Ion Ratio Lower Upper  
112 100  
64 62.8 49.4 74.2  
63 35.1 31.6 47.4

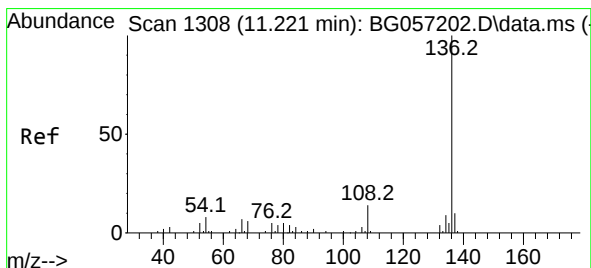
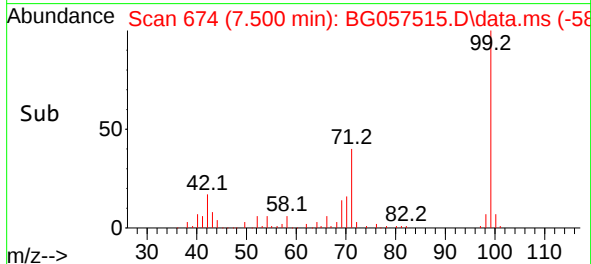
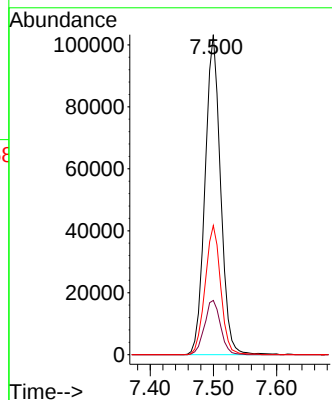
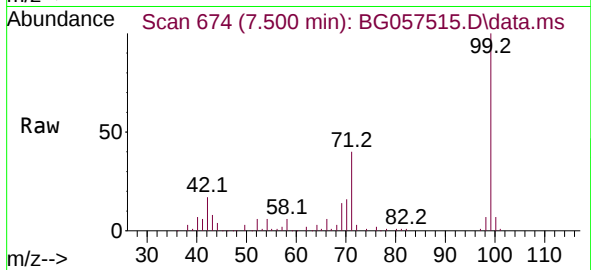




#7  
Phenol-d6  
Concen: 97.842 ng  
RT: 7.500 min Scan# 61  
Delta R.T. 0.002 min  
Lab File: BG057515.D  
Acq: 23 May 2023 11:53

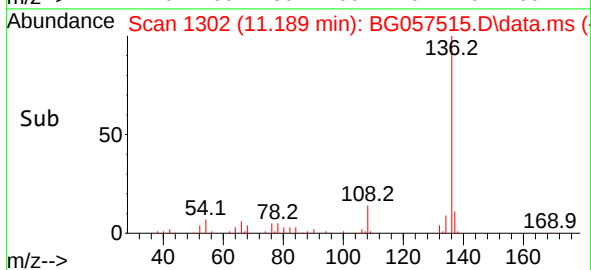
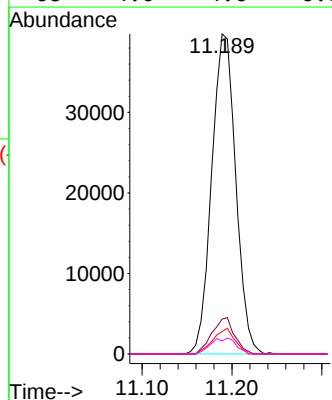
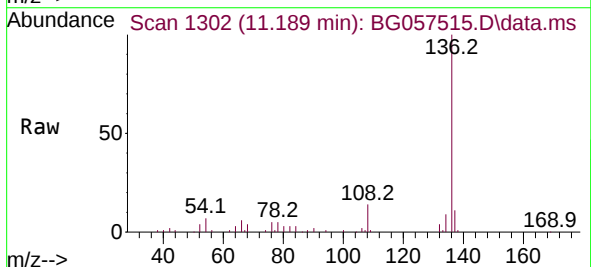
Instrument :  
BNA\_G  
ClientSampleId :  
TP21

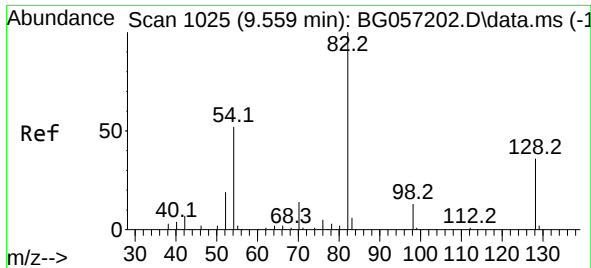
Tgt Ion: 99 Resp: 176100  
Ion Ratio Lower Upper  
99 100  
42 16.9 15.1 22.7  
71 40.4 35.2 52.8



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.189 min Scan# 1302  
Delta R.T. -0.010 min  
Lab File: BG057515.D  
Acq: 23 May 2023 11:53

Tgt Ion: 136 Resp: 73898  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.3 12.5  
54 7.0 6.7 10.1  
68 4.0 4.6 6.8

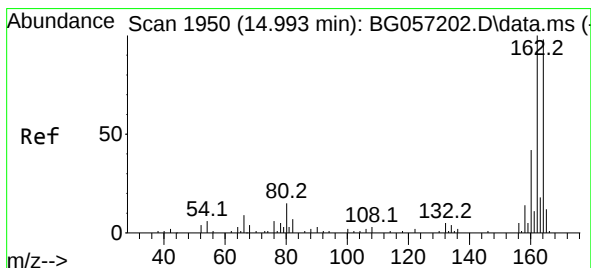
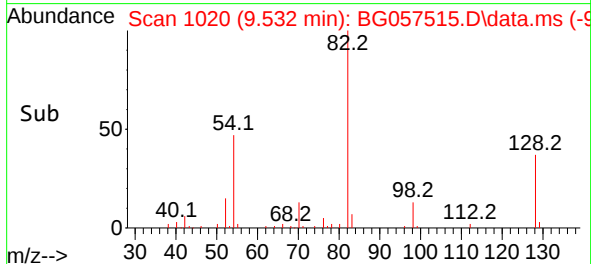
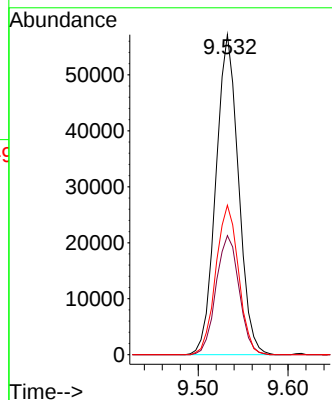
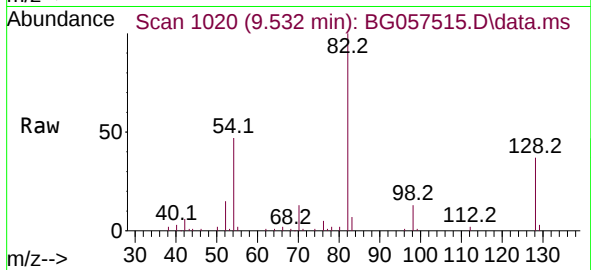




#23  
Nitrobenzene-d5  
Concen: 56.687 ng  
RT: 9.532 min Scan# 1020  
Delta R.T. -0.004 min  
Lab File: BG057515.D  
Acq: 23 May 2023 11:53

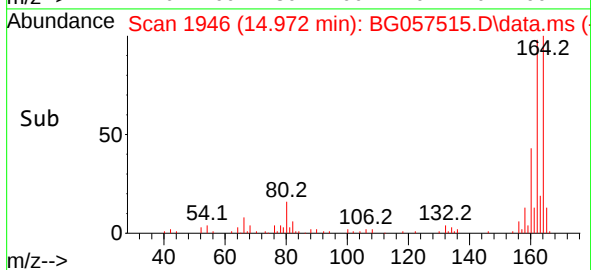
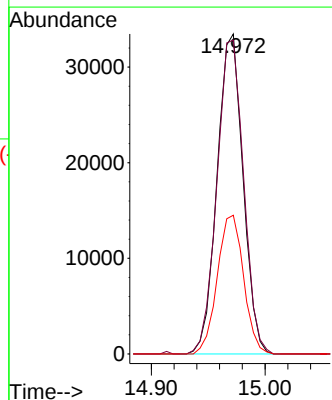
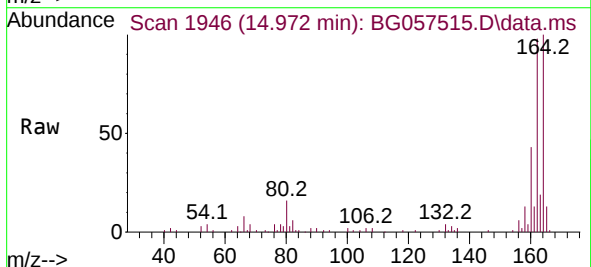
Instrument :  
BNA\_G  
ClientSampleId :  
TP21

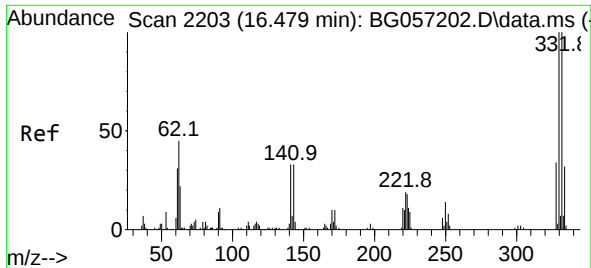
Tgt Ion: 82 Resp: 99809  
Ion Ratio Lower Upper  
82 100  
128 37.2 29.0 43.4  
54 46.7 41.4 62.0



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.972 min Scan# 1946  
Delta R.T. -0.004 min  
Lab File: BG057515.D  
Acq: 23 May 2023 11:53

Tgt Ion:164 Resp: 52939  
Ion Ratio Lower Upper  
164 100  
162 98.1 81.8 122.6  
160 43.3 34.6 52.0

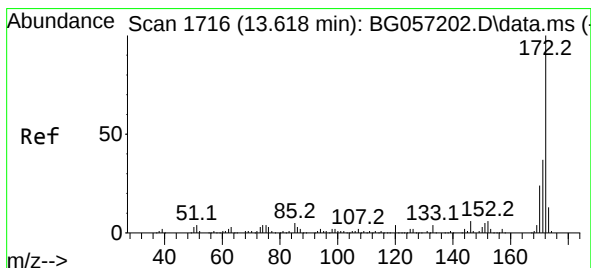
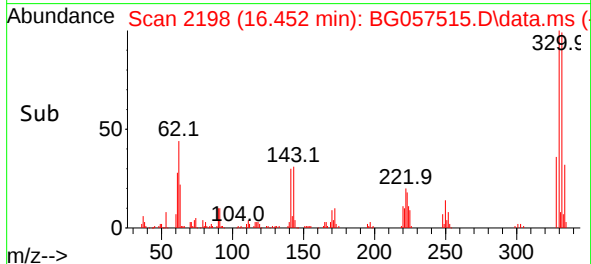
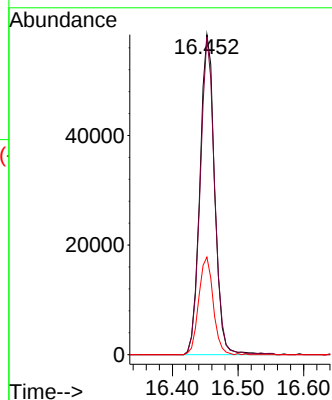
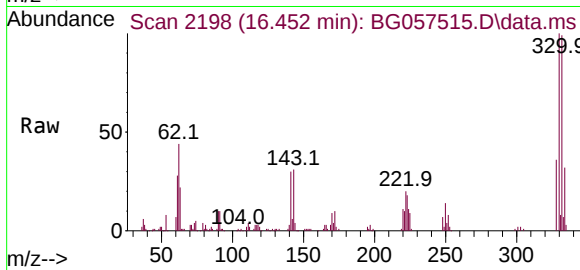




#42  
2,4,6-Tribromophenol  
Concen: 121.493 ng  
RT: 16.452 min Scan# 21  
Delta R.T. -0.004 min  
Lab File: BG057515.D  
Acq: 23 May 2023 11:53

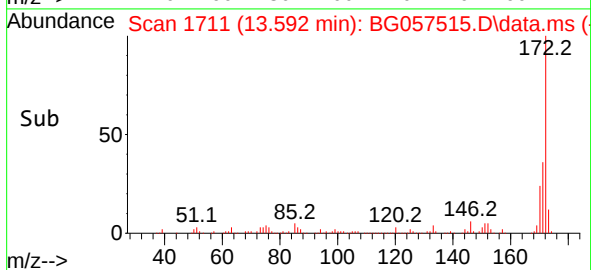
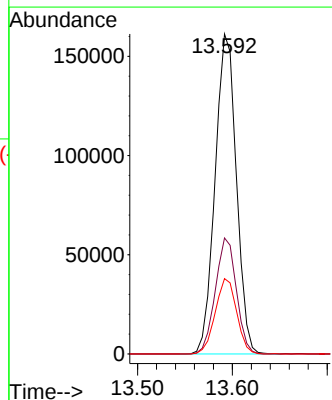
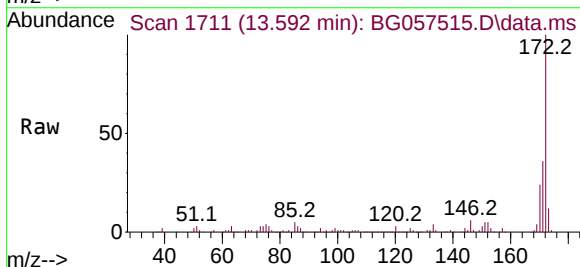
Instrument :  
BNA\_G  
ClientSampleId :  
TP21

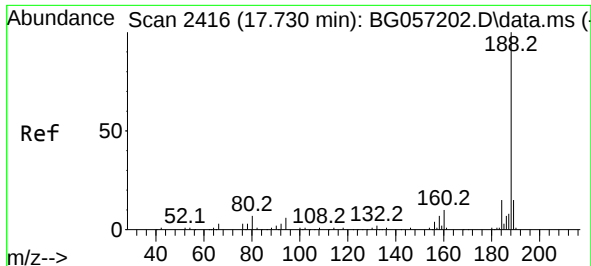
Tgt Ion:330 Resp: 91259  
Ion Ratio Lower Upper  
330 100  
332 96.9 78.2 117.2  
141 29.9 27.8 41.8



#45  
2-Fluorobiphenyl  
Concen: 63.945 ng  
RT: 13.592 min Scan# 1711  
Delta R.T. -0.010 min  
Lab File: BG057515.D  
Acq: 23 May 2023 11:53

Tgt Ion:172 Resp: 251350  
Ion Ratio Lower Upper  
172 100  
171 36.2 29.4 44.0  
170 23.5 19.0 28.6

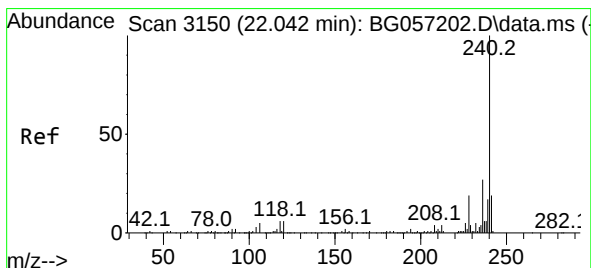
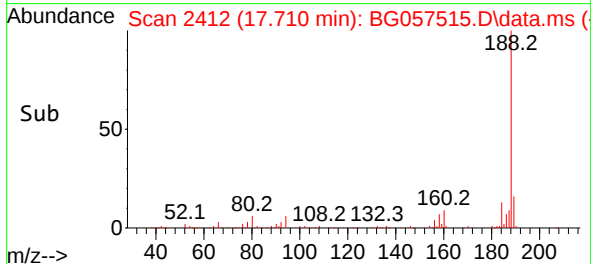
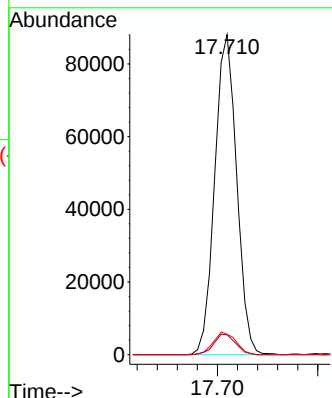
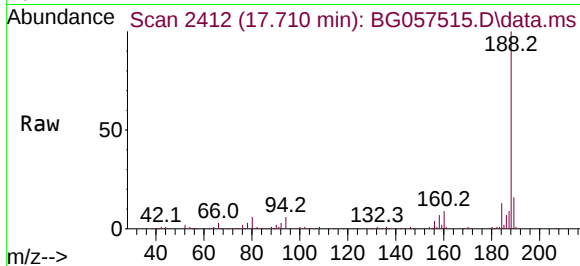




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.710 min Scan# 2416  
Delta R.T. -0.004 min  
Lab File: BG057515.D  
Acq: 23 May 2023 11:53

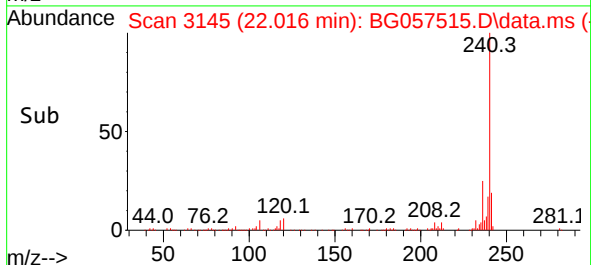
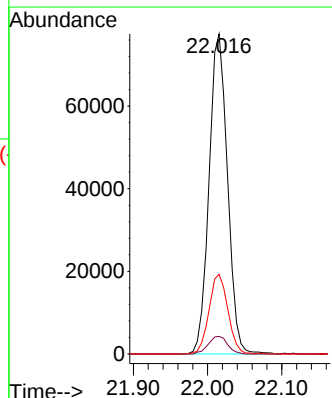
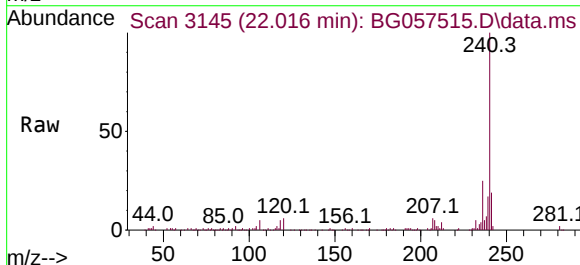
Instrument :  
BNA\_G  
ClientSampleId :  
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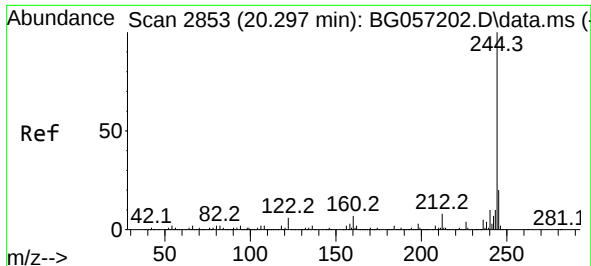
Tgt Ion:188 Resp: 133389  
Ion Ratio Lower Upper  
188 100  
94 6.2 5.1 7.7  
80 6.4 5.7 8.5



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 22.016 min Scan# 3145  
Delta R.T. -0.004 min  
Lab File: BG057515.D  
Acq: 23 May 2023 11:53

Tgt Ion:240 Resp: 133558  
Ion Ratio Lower Upper  
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120 5.5 4.9 7.3  
236 24.9 21.4 32.2

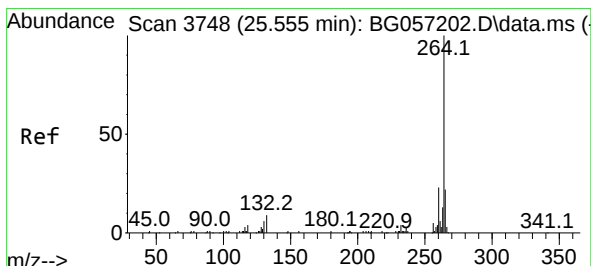
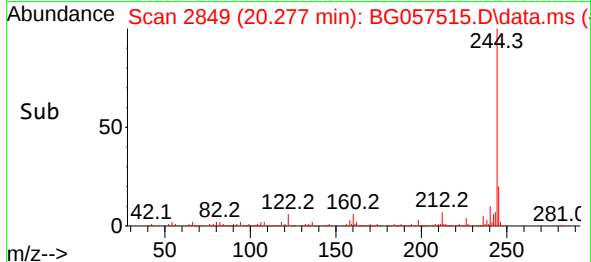
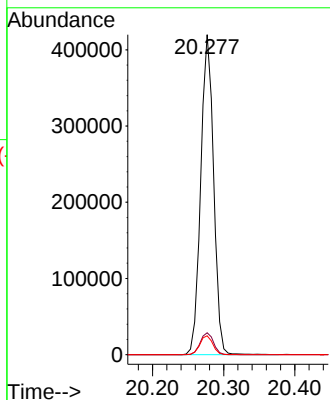
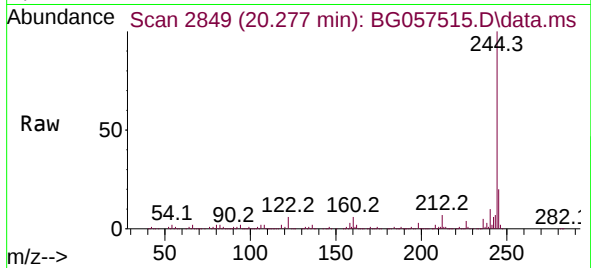




#79  
 Terphenyl-d14  
 Concen: 64.745 ng  
 RT: 20.277 min Scan# 21  
 Delta R.T. -0.004 min  
 Lab File: BG057515.D  
 Acq: 23 May 2023 11:53

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP21

Tgt Ion:244 Resp: 529876  
 Ion Ratio Lower Upper  
 244 100  
 212 6.8 6.1 9.1  
 122 5.9 5.1 7.7



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.511 min Scan# 3740  
 Delta R.T. -0.004 min  
 Lab File: BG057515.D  
 Acq: 23 May 2023 11:53

Tgt Ion:264 Resp: 142951  
 Ion Ratio Lower Upper  
 264 100  
 260 24.1 18.8 28.2  
 265 21.6 17.9 26.9

