

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG011924\  
 Data File : BG060368.D  
 Acq On : 19 Jan 2024 14:18  
 Operator : MA/JU  
 Sample : P1183-03  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MR-305-25-27

Quant Time: Jan 19 14:59:59 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG010824.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jan 09 04:07:12 2024  
 Response via : Initial Calibration

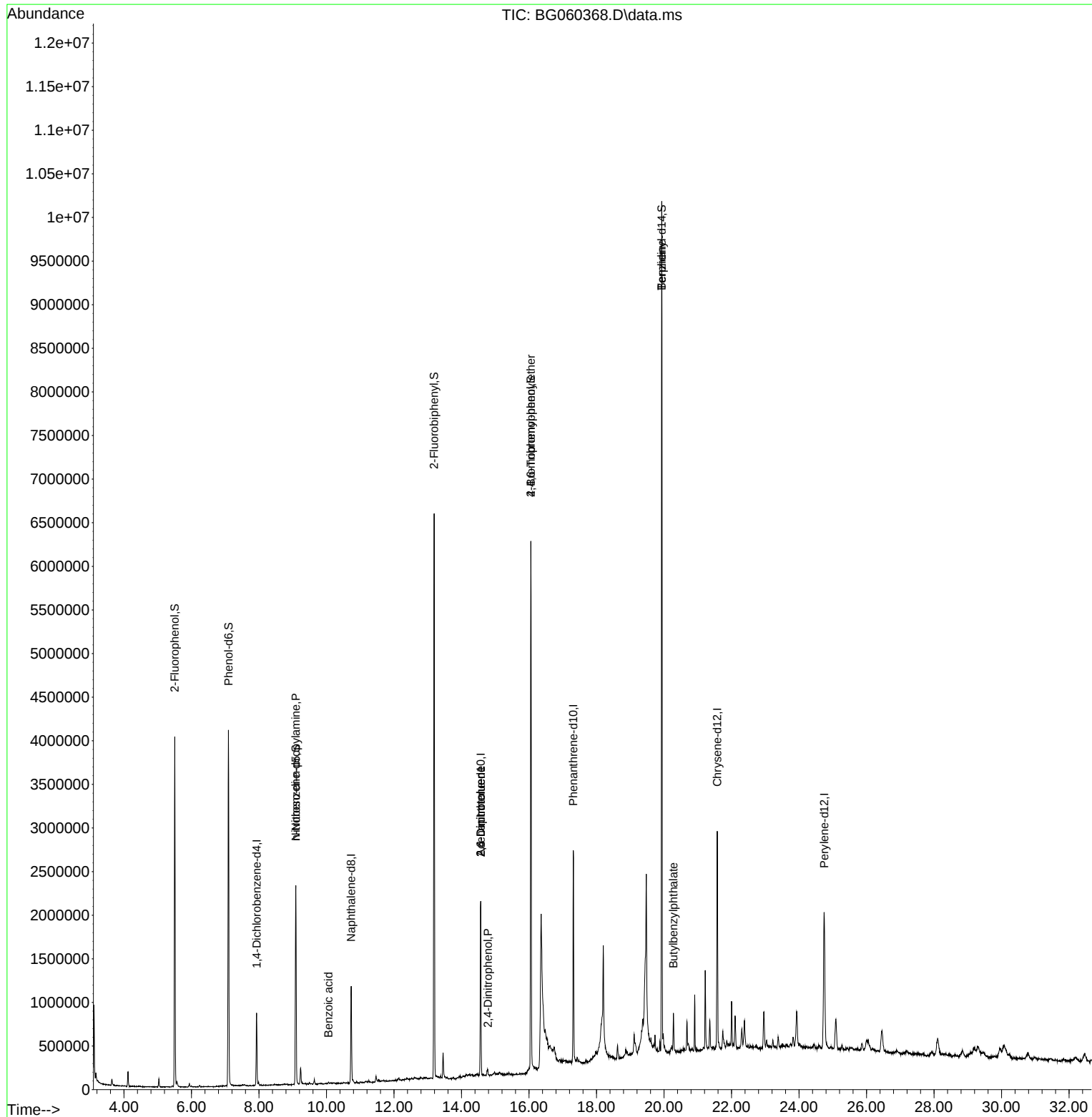
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.929  | 152  | 256514   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.732 | 136  | 1007482  | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.569 | 164  | 742689   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.313 | 188  | 1618412  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.578 | 240  | 1503234  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 24.745 | 264  | 1742351  | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.503  | 112  | 1864863  | 119.576 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.095  | 99   | 2694404  | 116.674 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.093  | 82   | 1598485  | 74.920  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.055 | 330  | 1340522  | 122.679 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.188 | 172  | 3552365  | 66.500  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.933 | 244  | 4605805  | 73.428  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 19) n-Nitroso-di-n-propyla... | 9.093  | 70   | 192257   | 12.029  | ng    | # 81     |
| 32) Benzoic acid              | 10.056 | 122  | 941      | 10.279  | ng    | # 73     |
| 51) 2,6-Dinitrotoluene        | 14.569 | 165  | 98543    | 8.137   | ng    | # 34     |
| 54) 2,4-Dinitrophenol         | 14.786 | 184  | 315      | 8.625   | ng    | # 93     |
| 57) 2,4-Dinitrotoluene        | 14.569 | 165  | 98543    | 5.934   | ng    | # 26     |
| 67) 4-Bromophenyl-phenylether | 16.055 | 248  | 85027    | 4.781   | ng    | # 1      |
| 77) Benzidine                 | 19.933 | 184  | 75368    | 2.308   | ng    | # 74     |
| 80) Butylbenzylphthalate      | 20.280 | 149  | 229616   | 6.952   | ng    | # 23     |
| -----                         |        |      |          |         |       |          |

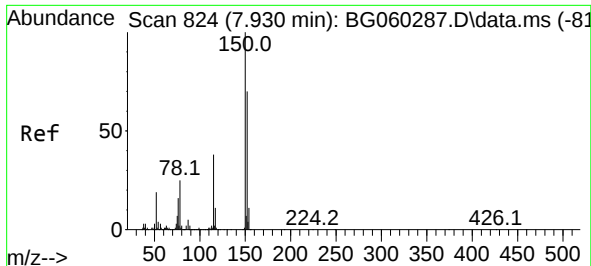
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG011924\  
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MR-305-25-27

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QLast Update : Tue Jan 09 04:07:12 2024  
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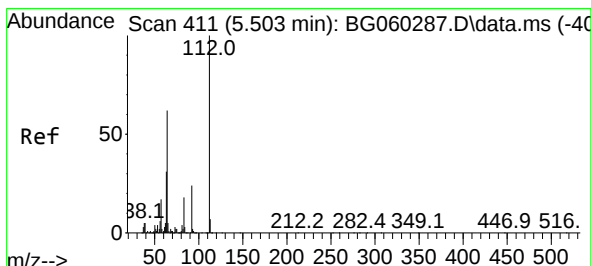
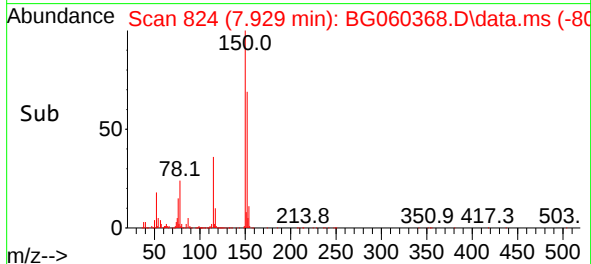
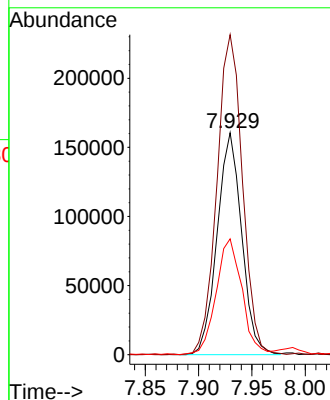
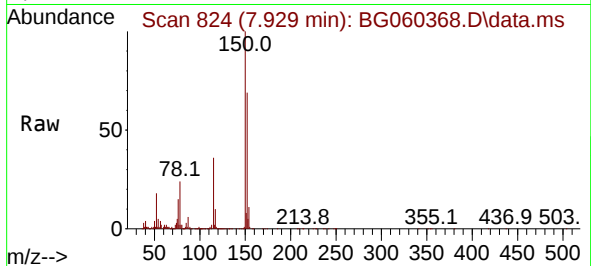




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.929 min Scan# 81  
Delta R.T. -0.001 min  
Lab File: BG060368.D  
Acq: 19 Jan 2024 14:18

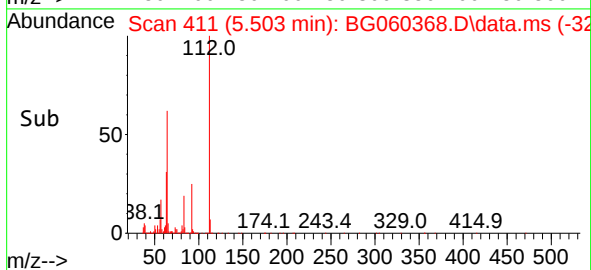
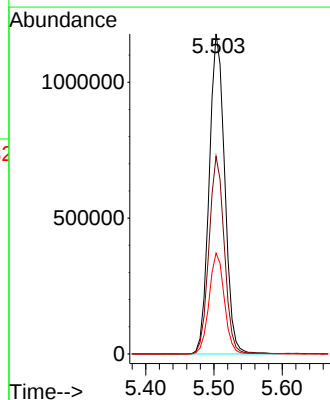
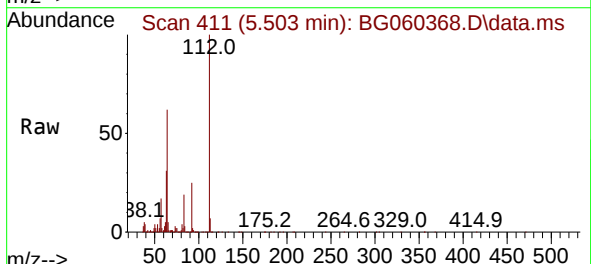
Instrument :  
BNA\_G  
ClientSampleId :  
MR-305-25-27

Tgt Ion:152 Resp: 256514  
Ion Ratio Lower Upper  
152 100  
150 144.1 114.5 171.7  
115 52.2 43.0 64.6



#5  
2-Fluorophenol  
Concen: 119.576 ng  
RT: 5.503 min Scan# 411  
Delta R.T. -0.000 min  
Lab File: BG060368.D  
Acq: 19 Jan 2024 14:18

Tgt Ion:112 Resp: 1864863  
Ion Ratio Lower Upper  
112 100  
64 61.7 49.8 74.6  
63 31.5 24.4 36.6

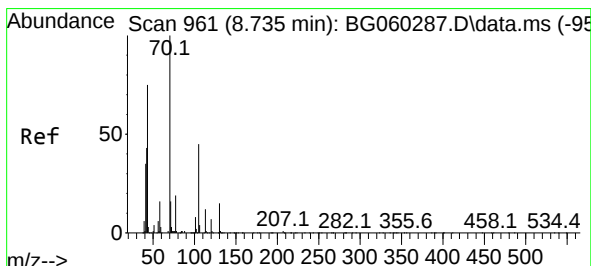
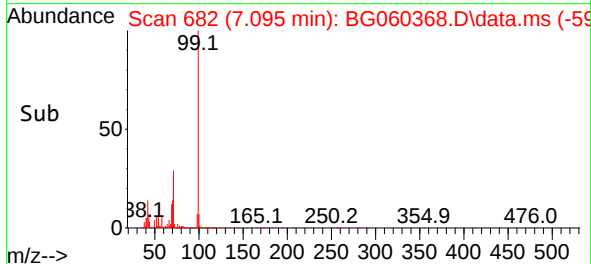
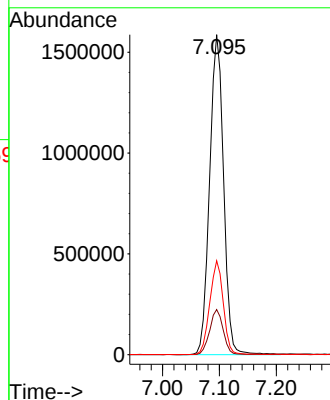
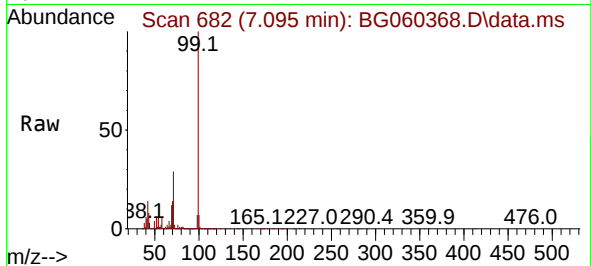




#7  
Phenol-d6  
Concen: 116.674 ng  
RT: 7.095 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BG060368.D  
Acq: 19 Jan 2024 14:18

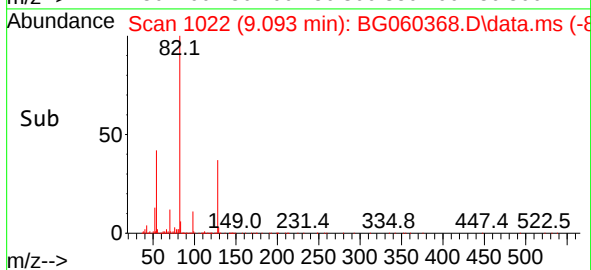
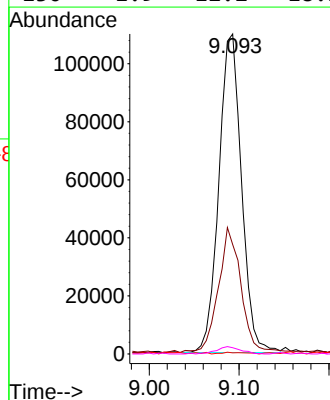
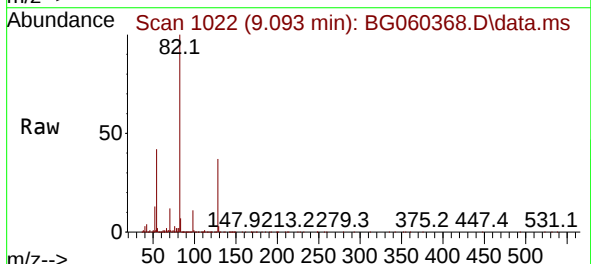
Instrument :  
BNA\_G  
ClientSampleId :  
MR-305-25-27

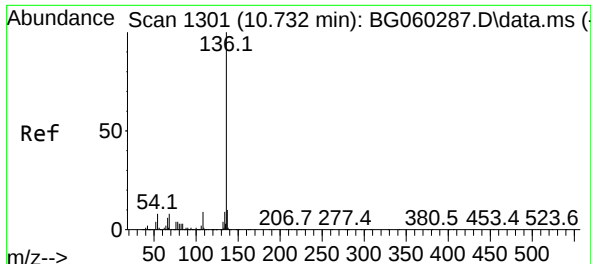
Tgt Ion: 99 Resp: 2694404  
Ion Ratio Lower Upper  
99 100  
42 14.1 10.9 16.3  
71 29.3 21.5 32.3



#19  
n-Nitroso-di-n-propylamine  
Concen: 12.029 ng  
RT: 9.093 min Scan# 1022  
Delta R.T. 0.358 min  
Lab File: BG060368.D  
Acq: 19 Jan 2024 14:18

Tgt Ion: 70 Resp: 192257  
Ion Ratio Lower Upper  
70 100  
42 34.2 34.3 51.5#  
101 0.4 6.2 9.2#  
130 1.9 12.2 18.2#



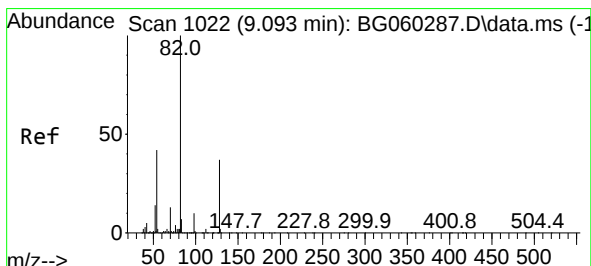
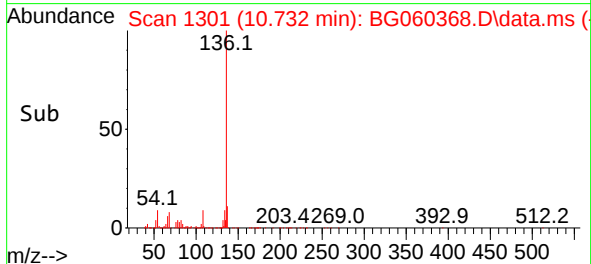
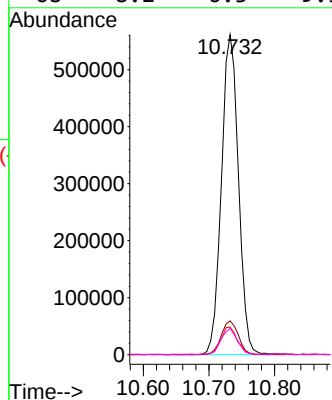
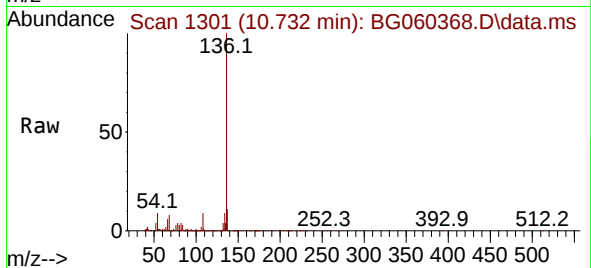


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.732 min Scan# 1301  
Delta R.T. -0.000 min  
Lab File: BG060368.D  
Acq: 19 Jan 2024 14:18

Instrument :  
BNA\_G  
ClientSampleId :  
MR-305-25-27

Tgt Ion:136 Resp: 1007482

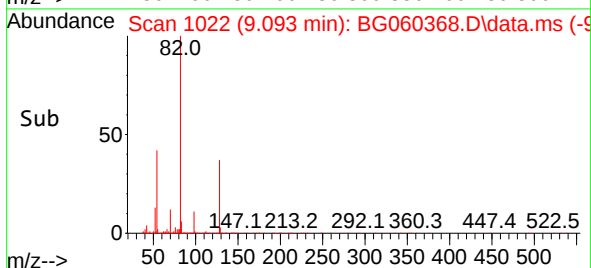
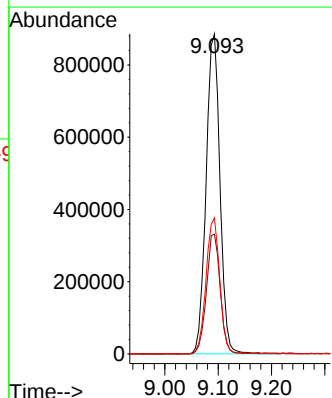
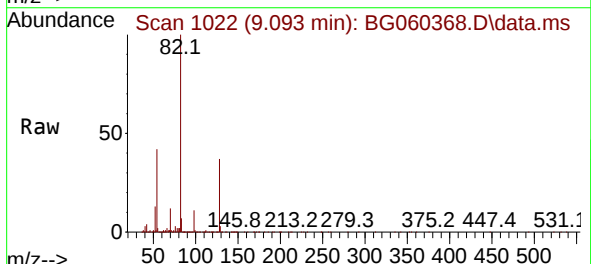
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.6  | 8.2   | 12.4  |
| 54  | 8.6   | 6.2   | 9.2   |
| 68  | 8.2   | 6.3   | 9.5   |

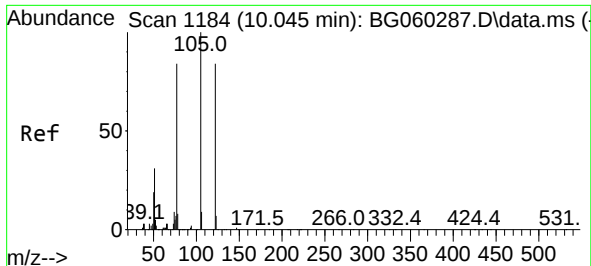


#23  
Nitrobenzene-d5  
Concen: 74.920 ng  
RT: 9.093 min Scan# 1022  
Delta R.T. -0.000 min  
Lab File: BG060368.D  
Acq: 19 Jan 2024 14:18

Tgt Ion: 82 Resp: 1598485

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 37.5  | 29.6  | 44.4  |
| 54  | 42.5  | 33.6  | 50.4  |

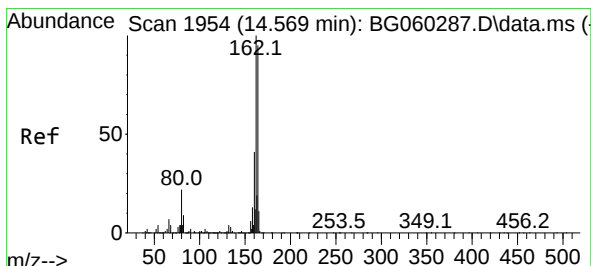
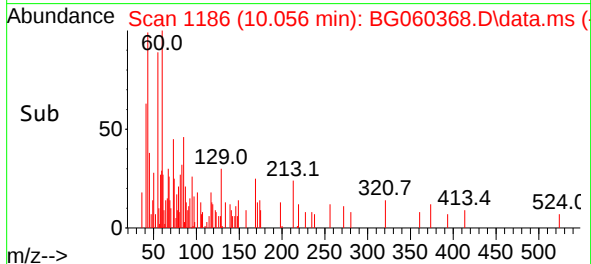
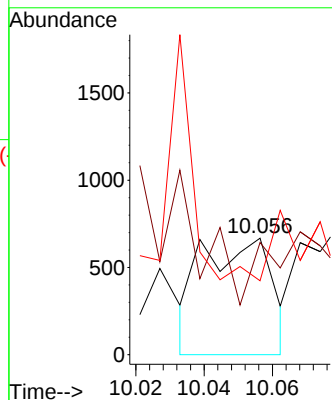
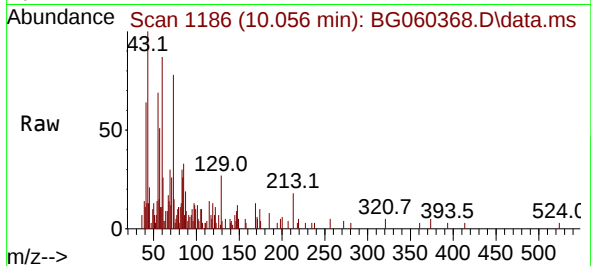




#32  
Benzoic acid  
Concen: 10.279 ng  
RT: 10.056 min Scan# 1184  
Delta R.T. 0.011 min  
Lab File: BG060368.D  
Acq: 19 Jan 2024 14:18

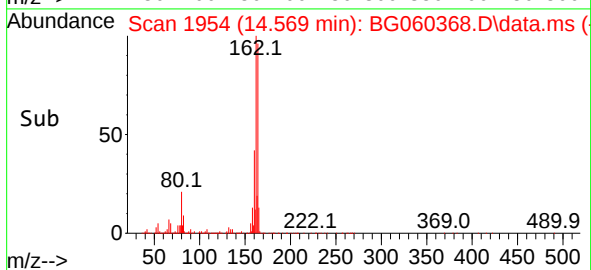
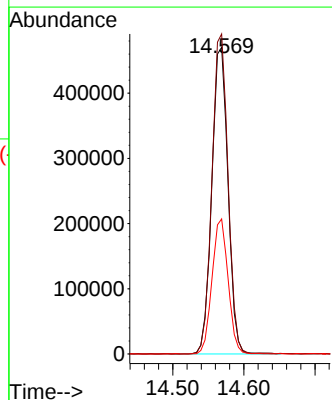
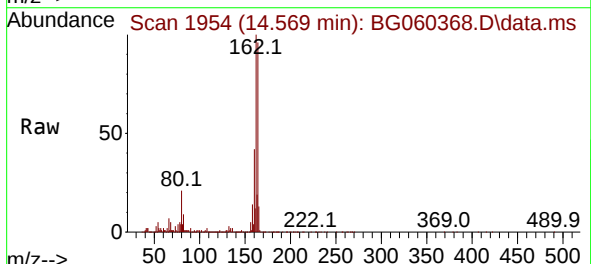
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BNA\_G  
ClientSampleId :  
MR-305-25-27

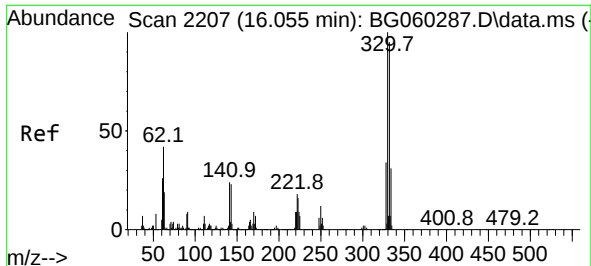
Tgt Ion:122 Resp: 941  
Ion Ratio Lower Upper  
122 100  
105 96.3 96.0 136.0  
77 63.5 80.1 120.1#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.569 min Scan# 1954  
Delta R.T. -0.000 min  
Lab File: BG060368.D  
Acq: 19 Jan 2024 14:18

Tgt Ion:164 Resp: 742689  
Ion Ratio Lower Upper  
164 100  
162 104.3 84.4 126.6  
160 44.0 34.6 52.0

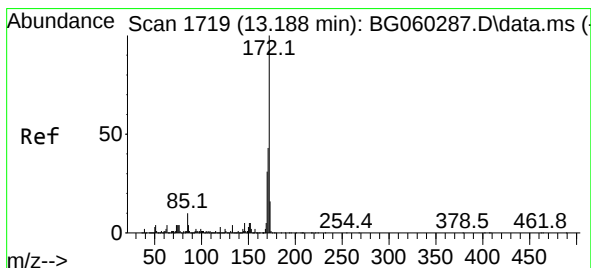
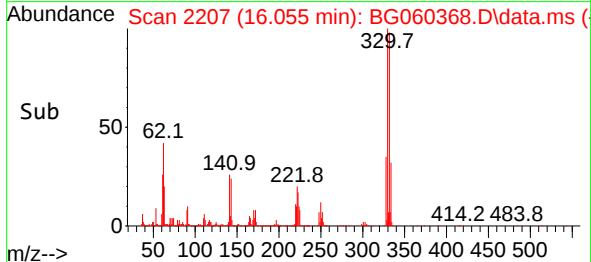
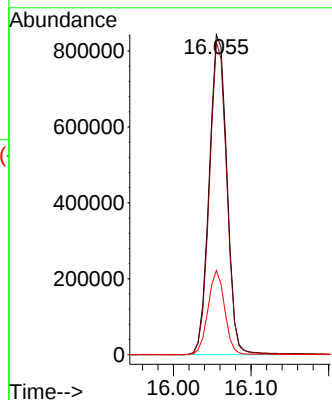
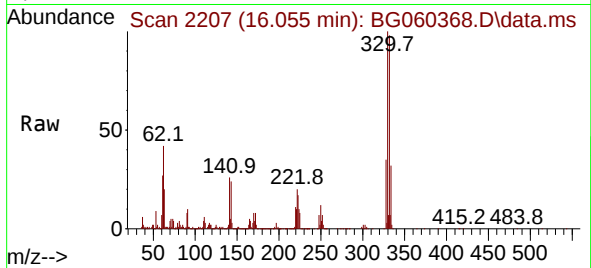




#42  
2,4,6-Tribromophenol  
Concen: 122.679 ng  
RT: 16.055 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BG060368.D  
Acq: 19 Jan 2024 14:18

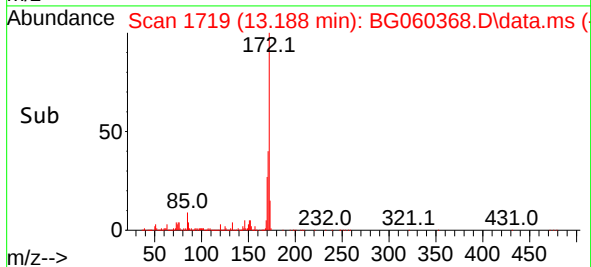
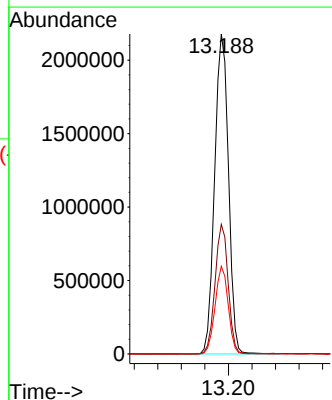
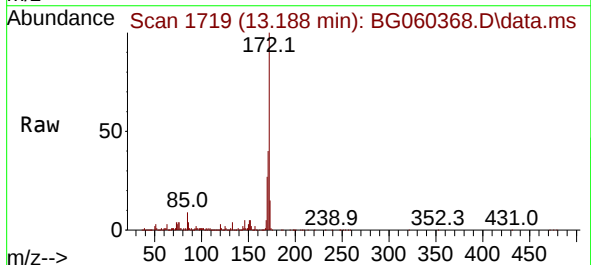
Instrument :  
BNA\_G  
ClientSampleId :  
MR-305-25-27

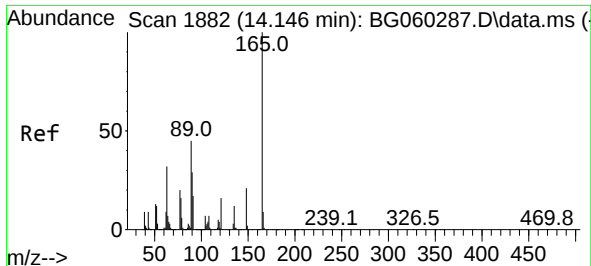
Tgt Ion:330 Resp: 1340522  
Ion Ratio Lower Upper  
330 100  
332 95.8 76.7 115.1  
141 24.7 18.6 28.0



#45  
2-Fluorobiphenyl  
Concen: 66.500 ng  
RT: 13.188 min Scan# 1719  
Delta R.T. -0.000 min  
Lab File: BG060368.D  
Acq: 19 Jan 2024 14:18

Tgt Ion:172 Resp: 3552365  
Ion Ratio Lower Upper  
172 100  
171 40.5 34.6 51.8  
170 27.4 24.4 36.6

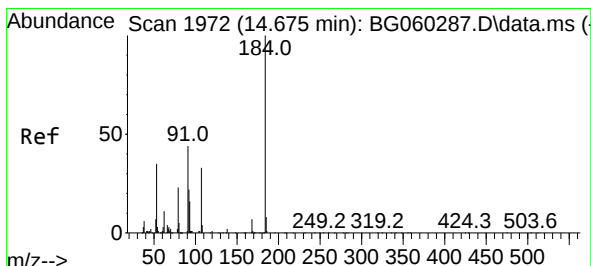
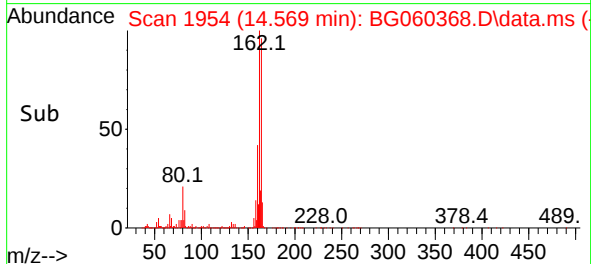
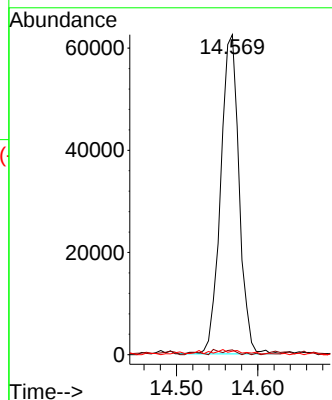
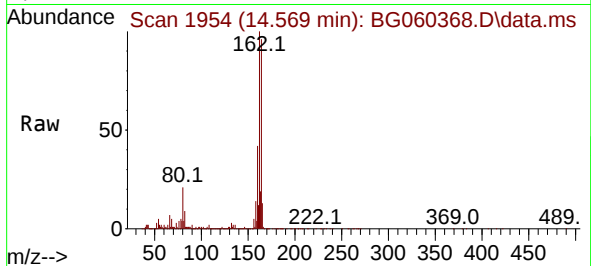




#51  
2,6-Dinitrotoluene  
Concen: 8.137 ng  
RT: 14.569 min Scan# 1954  
Delta R.T. 0.423 min  
Lab File: BG060368.D  
Acq: 19 Jan 2024 14:18

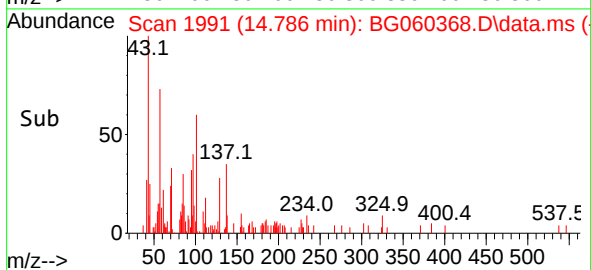
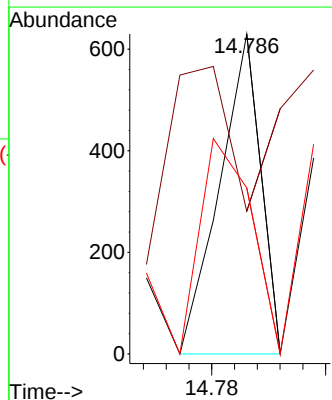
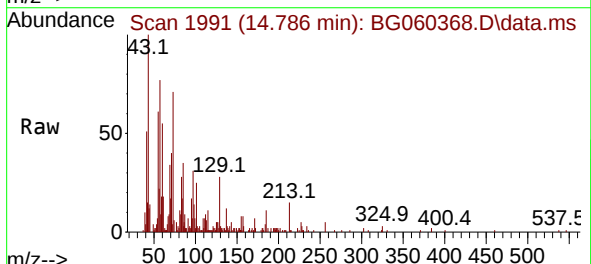
Instrument :  
BNA\_G  
ClientSampleId :  
MR-305-25-27

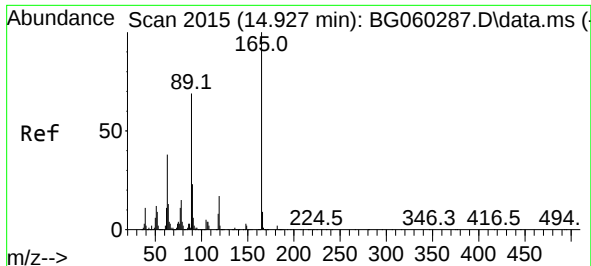
Tgt Ion:165 Resp: 98543  
Ion Ratio Lower Upper  
165 100  
63 1.5 35.0 52.4#  
89 1.1 36.2 54.2#



#54  
2,4-Dinitrophenol  
Concen: 8.625 ng  
RT: 14.786 min Scan# 1991  
Delta R.T. 0.111 min  
Lab File: BG060368.D  
Acq: 19 Jan 2024 14:18

Tgt Ion:184 Resp: 315  
Ion Ratio Lower Upper  
184 100  
63 44.6 41.0 61.4  
154 51.9 39.2 58.8





#57

2,4-Dinitrotoluene

Concen: 5.934 ng

RT: 14.569 min Scan# 1954

Delta R.T. -0.359 min

Lab File: BG060368.D

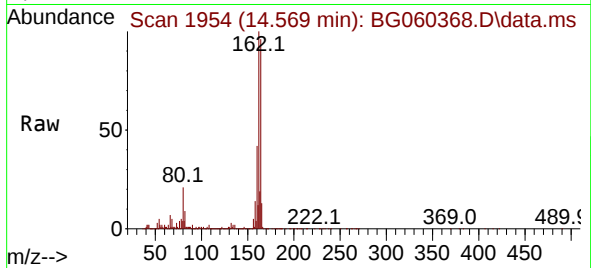
Acq: 19 Jan 2024 14:18

Instrument :

BNA\_G

ClientSampleId :

MR-305-25-27



Tgt Ion:165 Resp: 98543

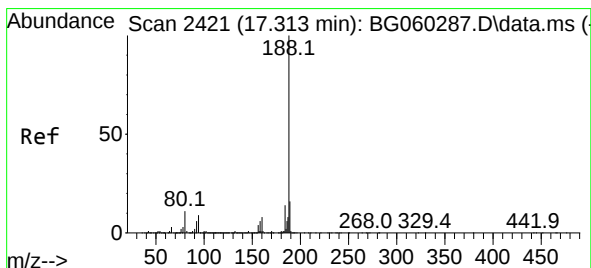
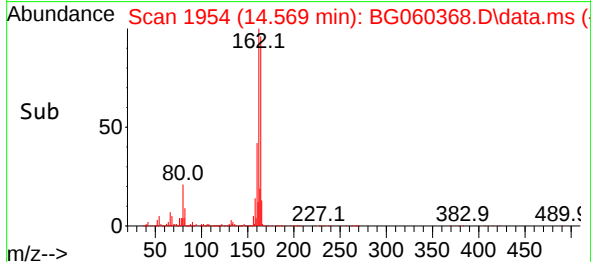
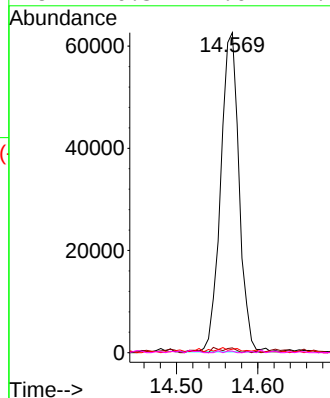
Ion Ratio Lower Upper

165 100

63 1.5 30.4 45.6#

89 1.1 55.4 83.0#

182 0.5 1.6 2.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.313 min Scan# 2421

Delta R.T. -0.000 min

Lab File: BG060368.D

Acq: 19 Jan 2024 14:18

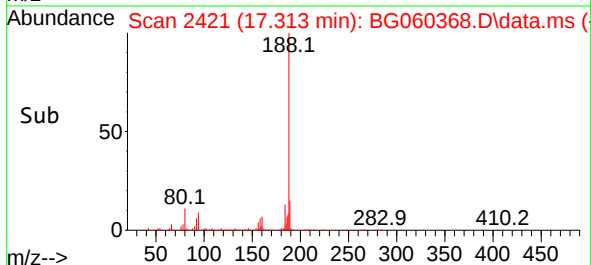
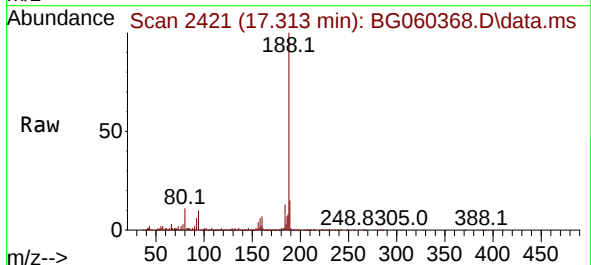
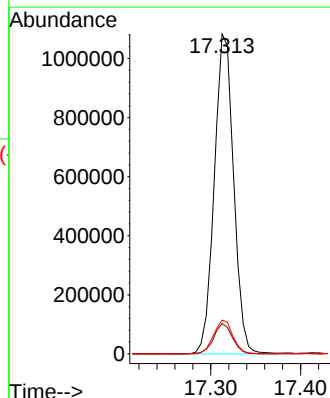
Tgt Ion:188 Resp: 1618412

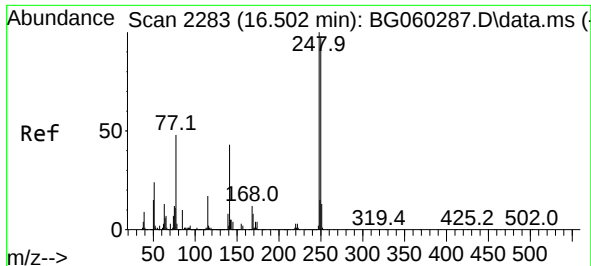
Ion Ratio Lower Upper

188 100

94 9.5 7.1 10.7

80 10.6 8.5 12.7

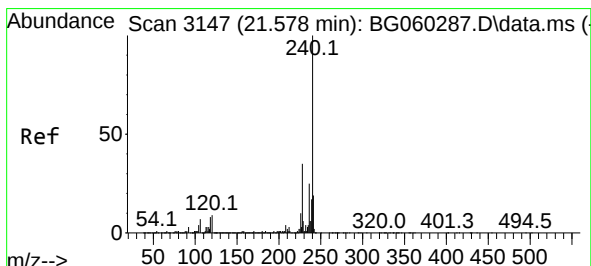
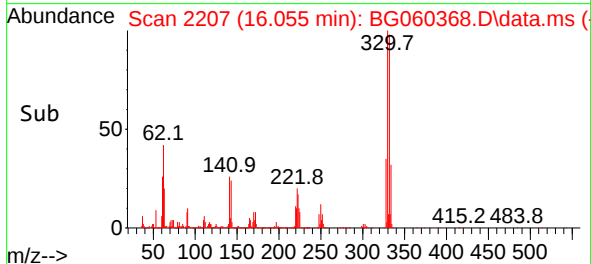
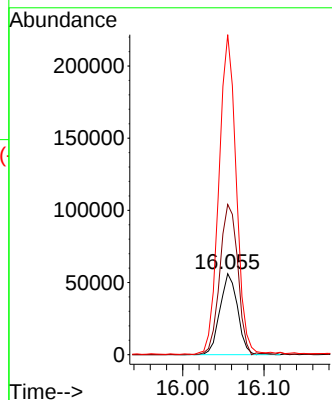
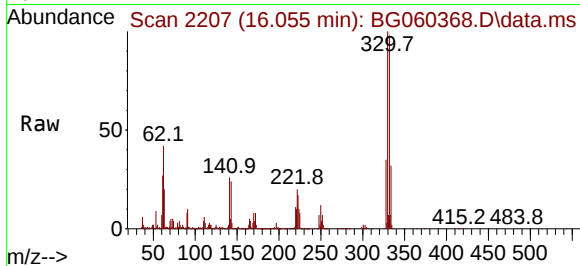




#67  
4-Bromophenyl-phenylether  
Concen: 4.781 ng  
RT: 16.055 min Scan# 21  
Delta R.T. -0.447 min  
Lab File: BG060368.D  
Acq: 19 Jan 2024 14:18

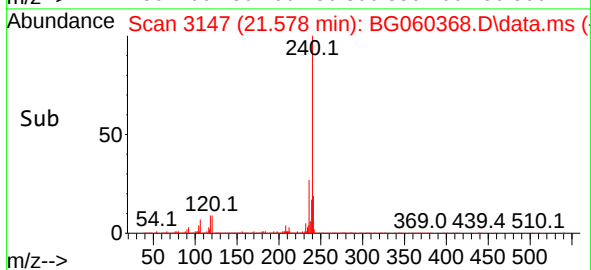
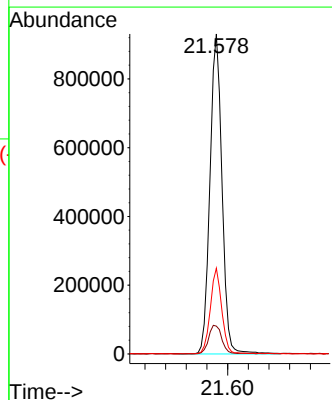
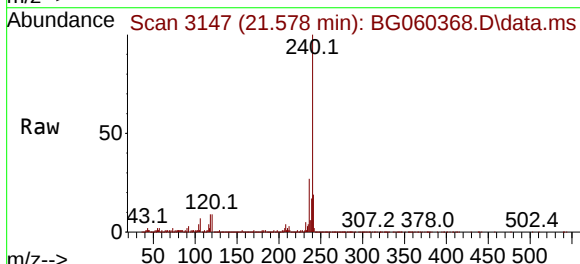
Instrument :  
BNA\_G  
ClientSampleId :  
MR-305-25-27

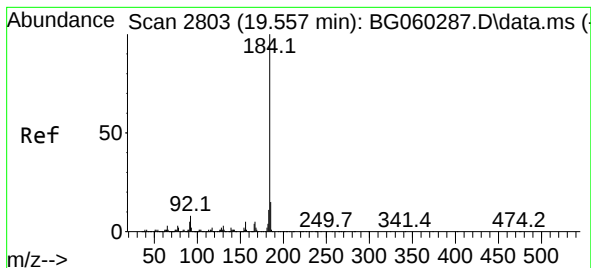
Tgt Ion:248 Resp: 85027  
Ion Ratio Lower Upper  
248 100  
250 185.7 77.6 116.4#  
141 395.3 34.2 51.4#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.578 min Scan# 3147  
Delta R.T. -0.000 min  
Lab File: BG060368.D  
Acq: 19 Jan 2024 14:18

Tgt Ion:240 Resp: 1503234  
Ion Ratio Lower Upper  
240 100  
120 8.7 7.3 10.9  
236 26.8 20.3 30.5





#77

Benzidine

Concen: 2.308 ng

RT: 19.933 min Scan# 2

Delta R.T. 0.376 min

Lab File: BG060368.D

Acq: 19 Jan 2024 14:18

Instrument :

BNA\_G

ClientSampleId :

MR-305-25-27

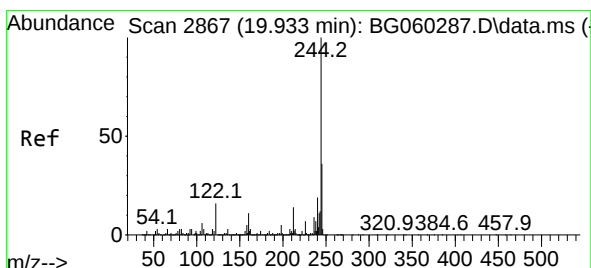
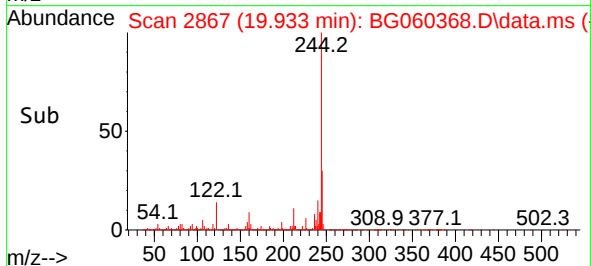
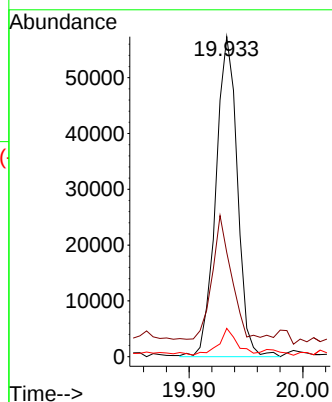
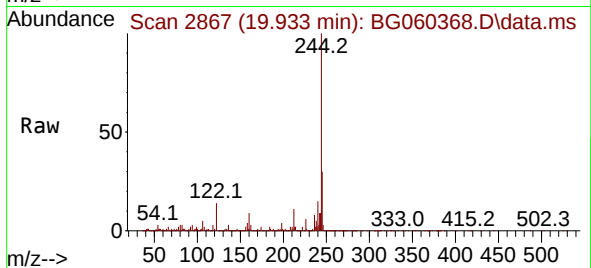
Tgt Ion:184 Resp: 75368

Ion Ratio Lower Upper

184 100

185 32.5 12.2 18.4#

183 8.8 9.0 13.4#



#79

Terphenyl-d14

Concen: 73.428 ng

RT: 19.933 min Scan# 2867

Delta R.T. 0.000 min

Lab File: BG060368.D

Acq: 19 Jan 2024 14:18

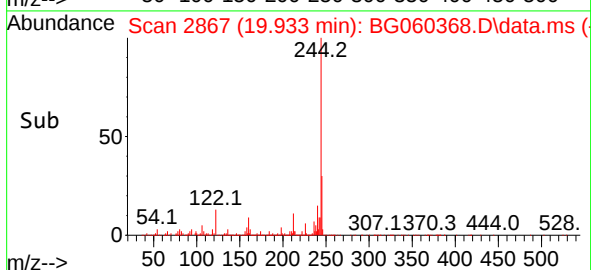
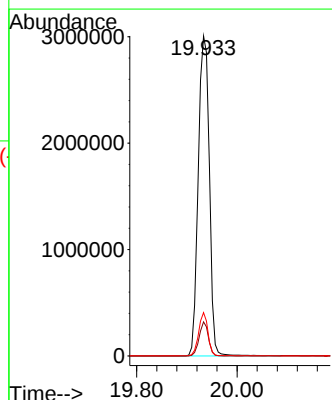
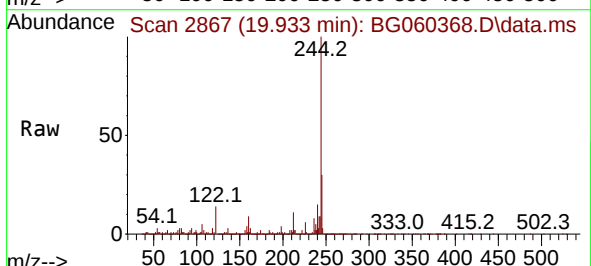
Tgt Ion:244 Resp: 4605805

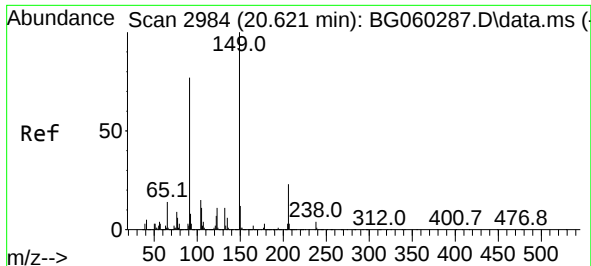
Ion Ratio Lower Upper

244 100

212 10.7 10.9 16.3#

122 13.5 12.6 18.8

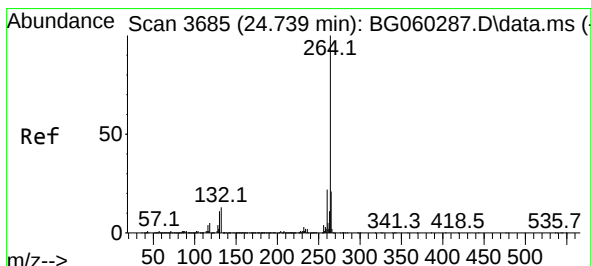
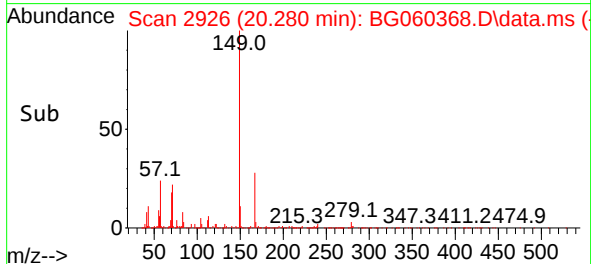
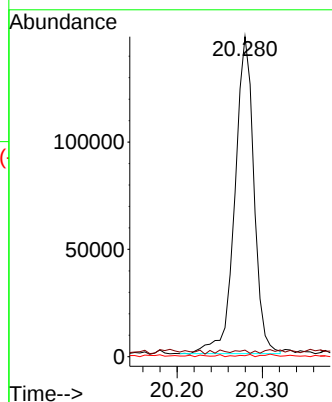
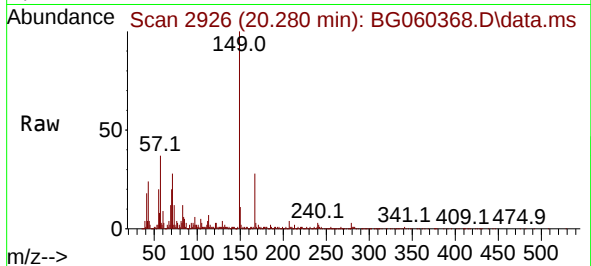




#80  
Butylbenzylphthalate  
Concen: 6.952 ng  
RT: 20.280 min Scan# 2984  
Delta R.T. -0.341 min  
Lab File: BG060368.D  
Acq: 19 Jan 2024 14:18

Instrument :  
BNA\_G  
ClientSampleId :  
MR-305-25-27

Tgt Ion:149 Resp: 229616  
Ion Ratio Lower Upper  
149 100  
91 2.1 61.4 92.2#  
206 0.3 18.0 27.0#



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.745 min Scan# 3686  
Delta R.T. 0.006 min  
Lab File: BG060368.D  
Acq: 19 Jan 2024 14:18

Tgt Ion:264 Resp: 1742351  
Ion Ratio Lower Upper  
264 100  
260 22.6 17.8 26.6  
265 21.0 16.8 25.2

