

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG033021\  
 Data File : BG048521.D  
 Acq On : 30 Mar 2021 23:27  
 Operator : CG/JU  
 Sample : PB135342BL  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB135342BL

Quant Time: Mar 31 02:00:57 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG033021.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Mar 31 01:49:35 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.093  | 152  | 19712    | 20.00  | ng    | # 0.00   |
| 21) Naphthalene-d8          | 10.919 | 136  | 82978    | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.750 | 164  | 62190    | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.500 | 188  | 154115   | 20.00  | ng    | # 0.00   |
| 76) Chrysene-d12            | 21.795 | 240  | 173493   | 20.00  | ng    | # 0.00   |
| 86) Perylene-d12            | 25.132 | 264  | 167948   | 20.00  | ng    | #-0.01   |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.643  | 112  | 167532   | 150.05 | ng    | 0.00     |
| 7) Phenol-d6                | 7.247  | 99   | 211868   | 130.84 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.262  | 82   | 153477   | 89.55  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.237 | 330  | 102729   | 125.66 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.369 | 172  | 356598   | 85.23  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.108 | 244  | 781010   | 82.32  | ng    | 0.00     |

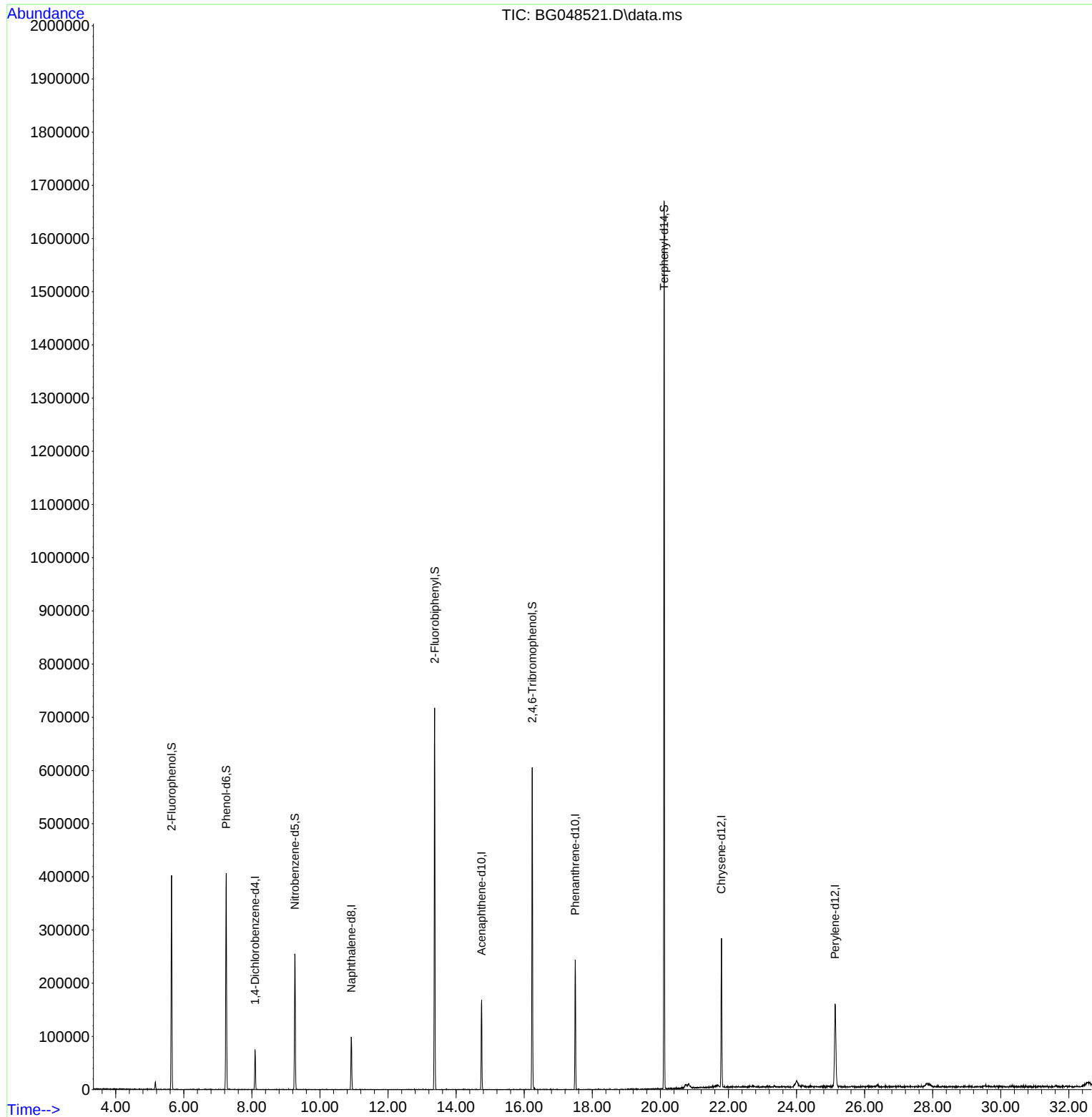
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|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

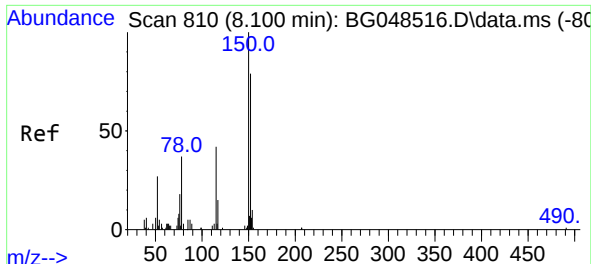
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG033021\  
Data File : BG048521.D  
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Sample : PB135342BL  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

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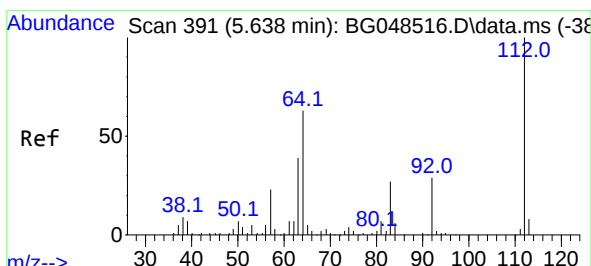
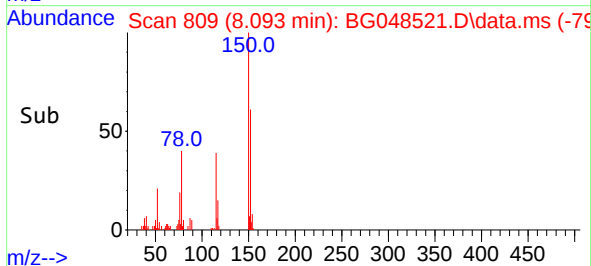
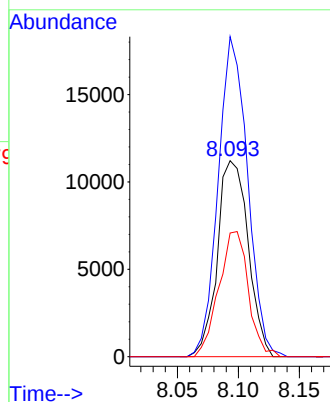
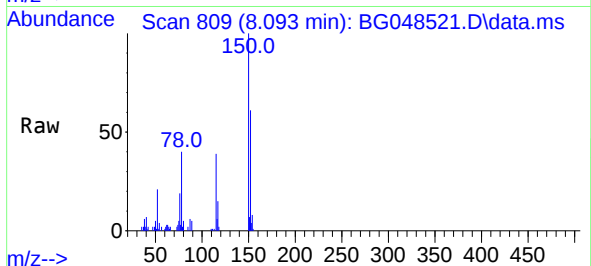




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 8.093 min Scan# 809  
Delta R.T. -0.007 min  
Lab File: BG048521.D  
Acq: 30 Mar 2021 23:27

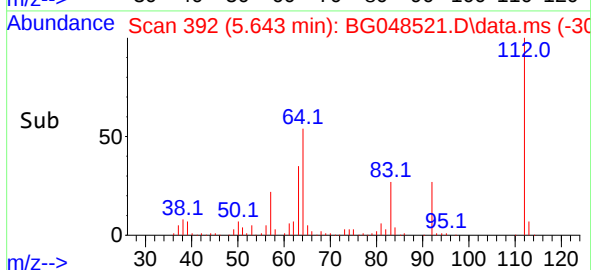
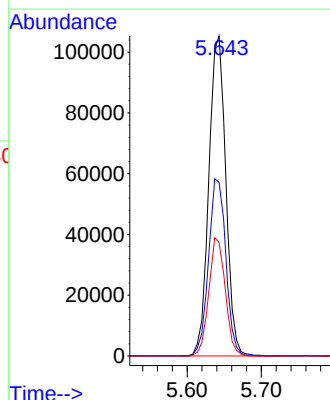
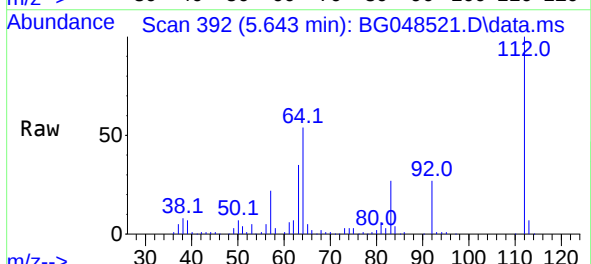
Instrument :  
BNA\_G  
ClientSampleID :  
PB135342BL

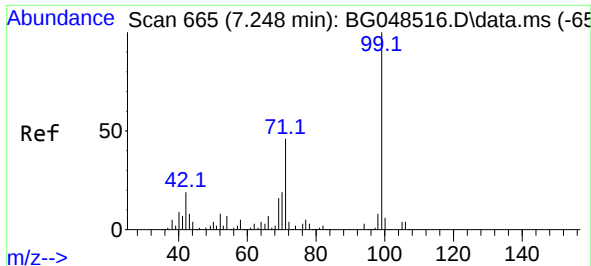
Tgt Ion:152 Resp: 19712  
Ion Ratio Lower Upper  
152 100  
150 163.2 101.3 151.9#  
115 63.1 42.3 63.5



#5  
2-Fluorophenol  
Concen: 150.05 ng  
RT: 5.643 min Scan# 392  
Delta R.T. 0.005 min  
Lab File: BG048521.D  
Acq: 30 Mar 2021 23:27

Tgt Ion:112 Resp: 167532  
Ion Ratio Lower Upper  
112 100  
64 54.2 50.4 75.6  
63 35.4 31.4 47.2



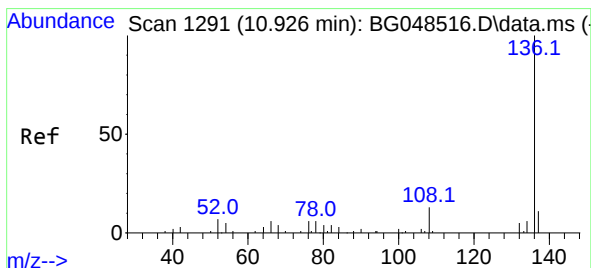
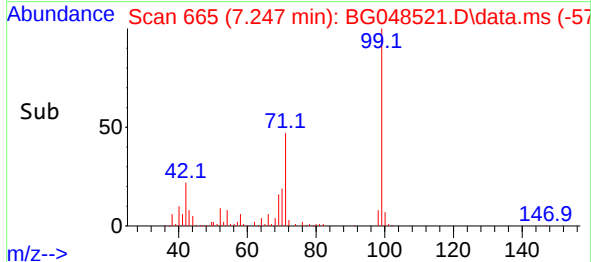
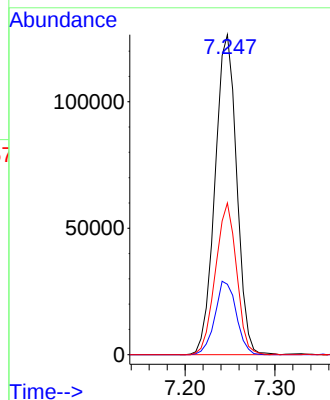
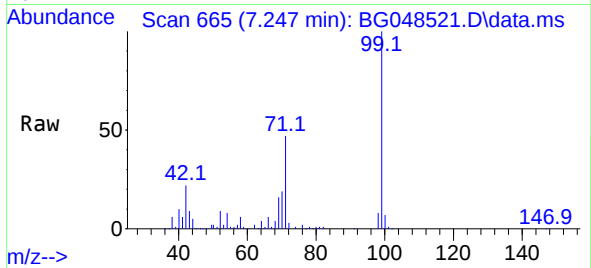


#7  
Phenol-d6  
Concen: 130.84 ng  
RT: 7.247 min Scan# 665  
Delta R.T. -0.001 min  
Lab File: BG048521.D  
Acq: 30 Mar 2021 23:27

Instrument :  
BNA\_G  
ClientSampleId :  
PB135342BL

Tgt Ion: 99 Resp: 211868

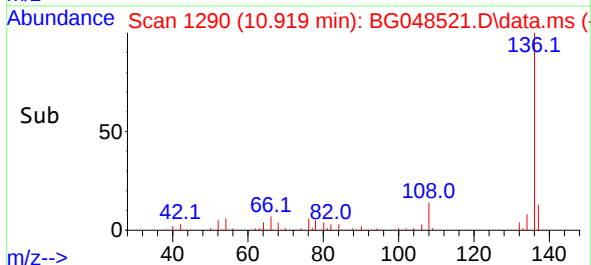
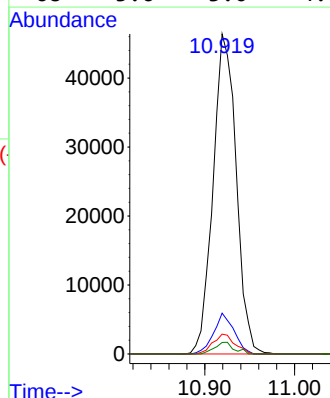
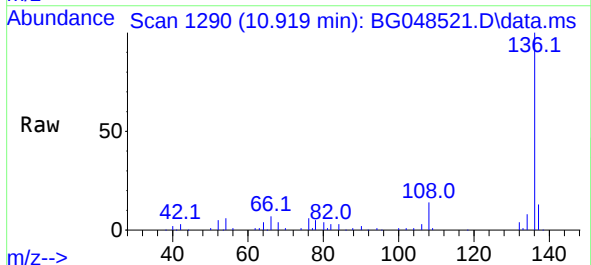
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 22.0  | 15.5  | 23.3  |
| 71  | 47.4  | 36.6  | 54.8  |

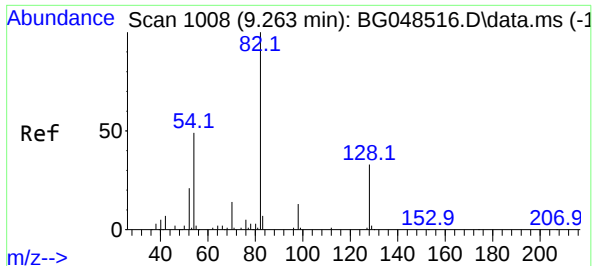


#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.919 min Scan# 1290  
Delta R.T. -0.007 min  
Lab File: BG048521.D  
Acq: 30 Mar 2021 23:27

Tgt Ion: 136 Resp: 82978

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 12.7  | 8.6   | 12.8  |
| 54  | 6.2   | 4.2   | 6.4   |
| 68  | 3.6   | 3.0   | 4.4   |

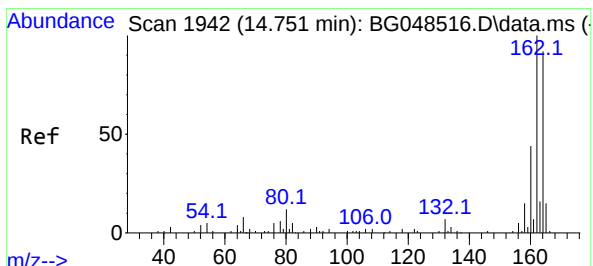
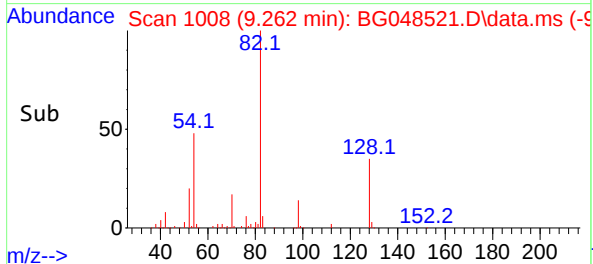
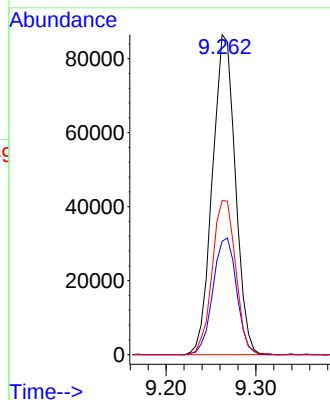
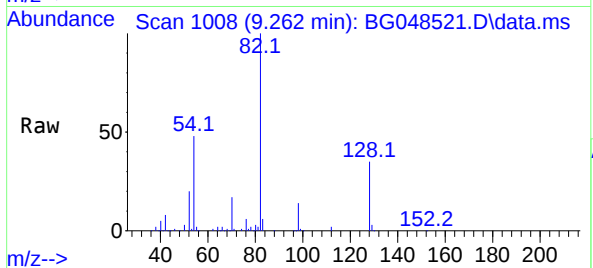




#23  
Nitrobenzene-d5  
Concen: 89.55 ng  
RT: 9.262 min Scan# 1008  
Delta R.T. -0.001 min  
Lab File: BG048521.D  
Acq: 30 Mar 2021 23:27

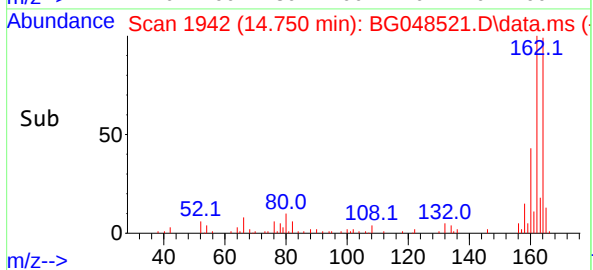
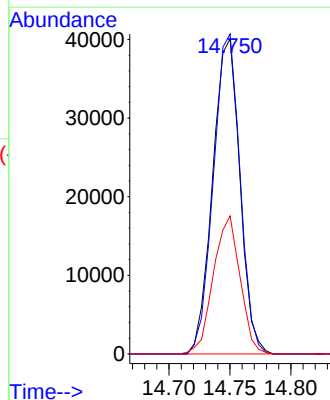
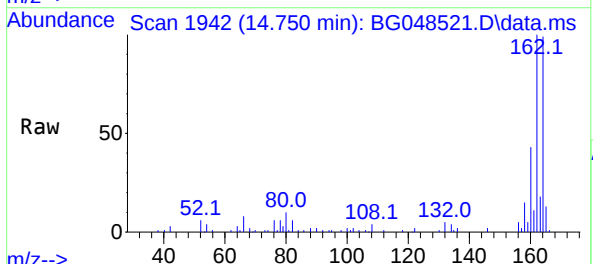
Instrument :  
BNA\_G  
ClientSampleId :  
PB135342BL

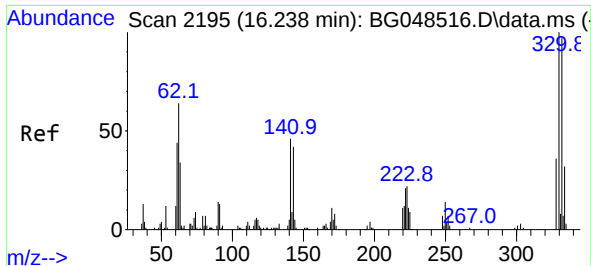
Tgt Ion: 82 Resp: 153477  
Ion Ratio Lower Upper  
82 100  
128 35.4 26.2 39.4  
54 48.1 38.9 58.3



#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.750 min Scan# 1942  
Delta R.T. -0.001 min  
Lab File: BG048521.D  
Acq: 30 Mar 2021 23:27

Tgt Ion:164 Resp: 62190  
Ion Ratio Lower Upper  
164 100  
162 101.5 87.0 130.6  
160 43.8 38.4 57.6

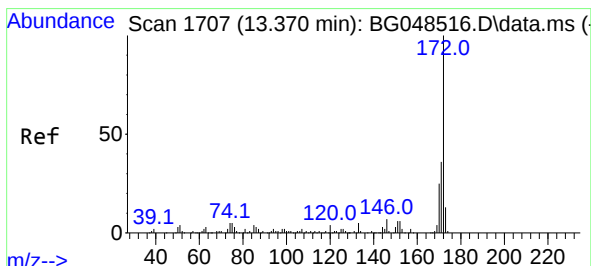
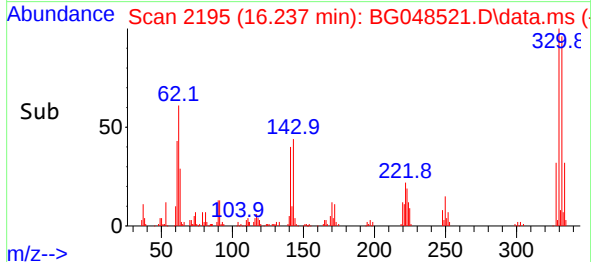
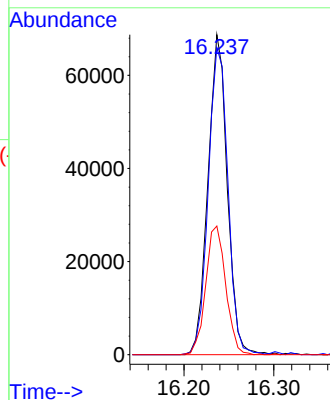
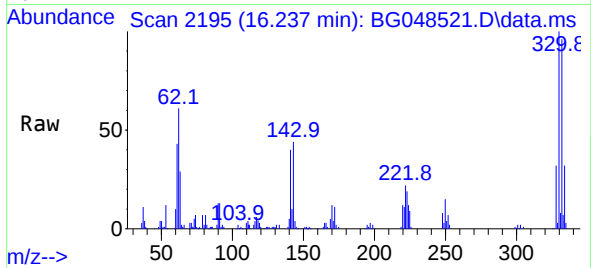




#42  
2,4,6-Tribromophenol  
Concen: 125.66 ng  
RT: 16.237 min Scan# 2195  
Delta R.T. -0.001 min  
Lab File: BG048521.D  
Acq: 30 Mar 2021 23:27

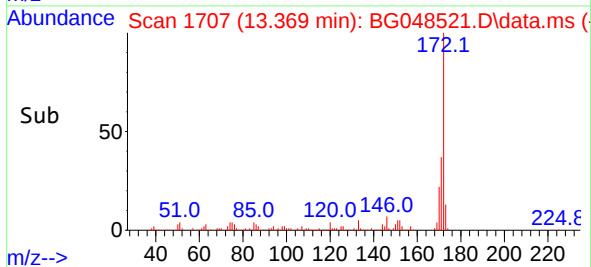
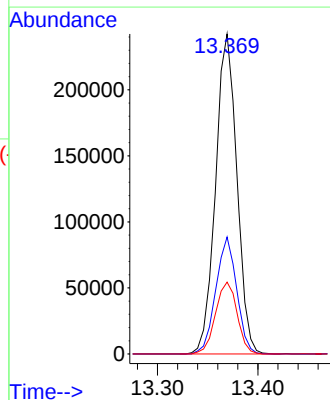
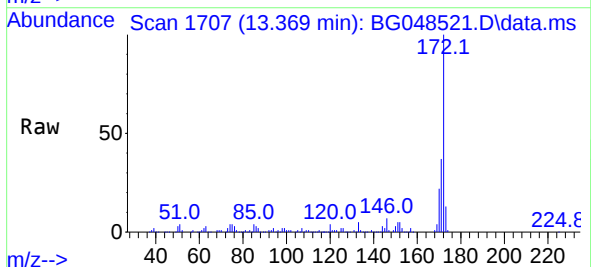
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ClientSampleId :  
PB135342BL

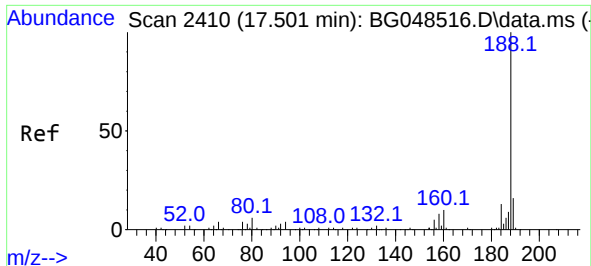
Tgt Ion:330 Resp: 102729  
Ion Ratio Lower Upper  
330 100  
332 97.6 77.6 116.4  
141 41.7 34.6 52.0



#45  
2-Fluorobiphenyl  
Concen: 85.23 ng  
RT: 13.369 min Scan# 1707  
Delta R.T. -0.001 min  
Lab File: BG048521.D  
Acq: 30 Mar 2021 23:27

Tgt Ion:172 Resp: 356598  
Ion Ratio Lower Upper  
172 100  
171 36.5 28.5 42.7  
170 22.5 19.8 29.6

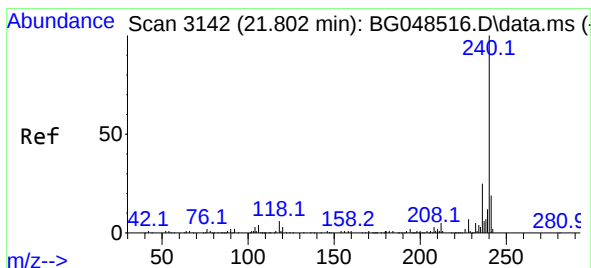
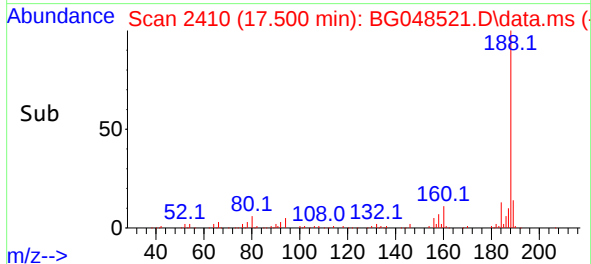
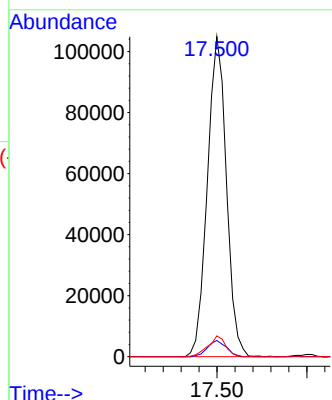
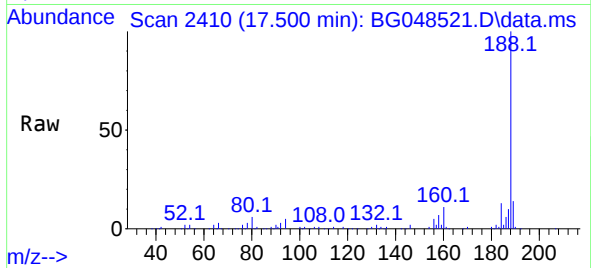




#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.500 min Scan# 2410  
Delta R.T. -0.001 min  
Lab File: BG048521.D  
Acq: 30 Mar 2021 23:27

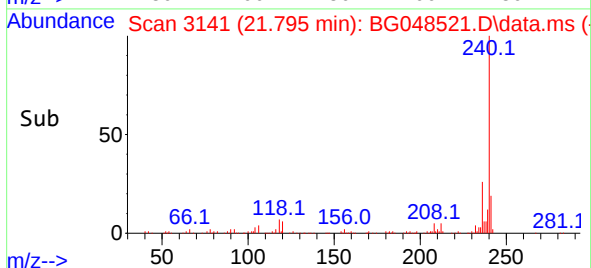
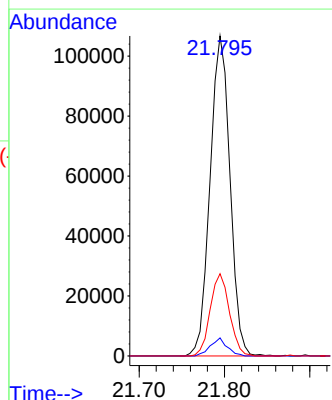
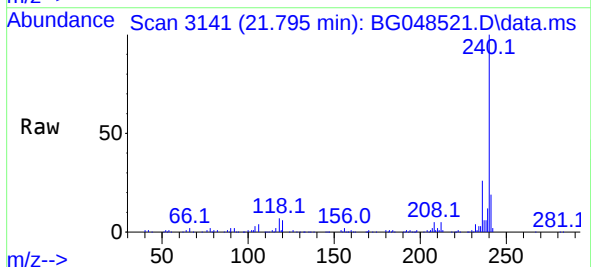
Instrument :  
BNA\_G  
ClientSampleId :  
PB135342BL

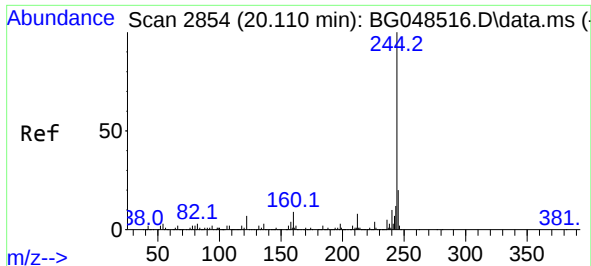
Tgt Ion:188 Resp: 154115  
Ion Ratio Lower Upper  
188 100  
94 5.0 3.0 4.6#  
80 6.5 4.5 6.7



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.795 min Scan# 3141  
Delta R.T. -0.007 min  
Lab File: BG048521.D  
Acq: 30 Mar 2021 23:27

Tgt Ion:240 Resp: 173493  
Ion Ratio Lower Upper  
240 100  
120 5.7 2.6 3.8#  
236 25.7 19.8 29.6

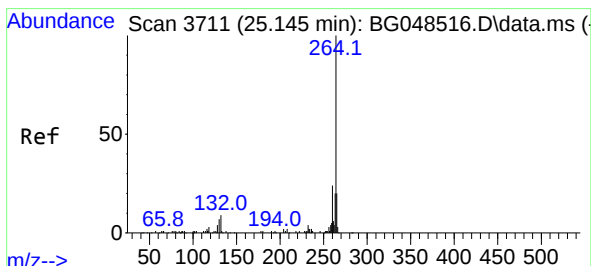
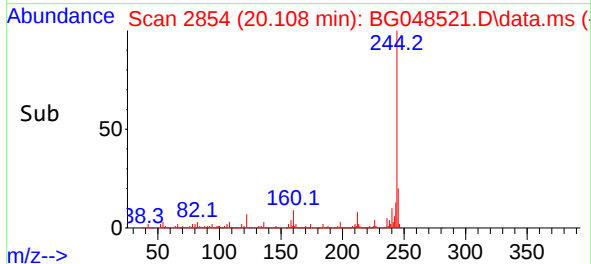
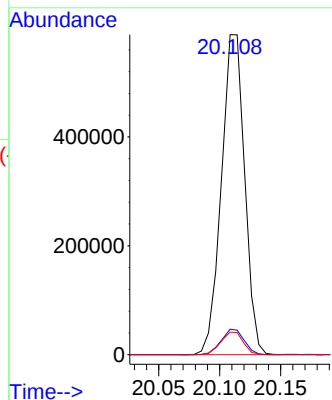
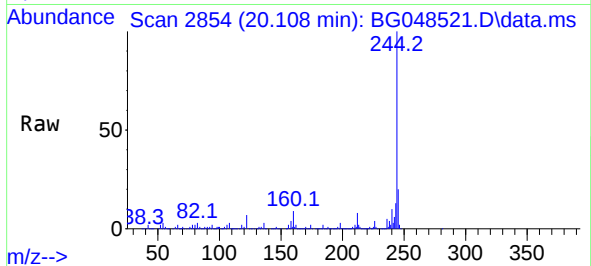




#79  
Terphenyl-d14  
Concen: 82.32 ng  
RT: 20.108 min Scan# 2854  
Delta R.T. -0.002 min  
Lab File: BG048521.D  
Acq: 30 Mar 2021 23:27

Instrument :  
BNA\_G  
ClientSampleId :  
PB135342BL

|             |       |         |
|-------------|-------|---------|
| Tgt Ion:244 | Resp: | 781010  |
| Ion Ratio   | Lower | Upper   |
| 244         | 100   |         |
| 212         | 8.0   | 6.0 9.0 |
| 122         | 7.1   | 5.8 8.6 |



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 25.132 min Scan# 3709  
Delta R.T. -0.013 min  
Lab File: BG048521.D  
Acq: 30 Mar 2021 23:27

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:264 | Resp: | 167948     |
| Ion Ratio   | Lower | Upper      |
| 264         | 100   |            |
| 260         | 23.2  | 19.1 28.7  |
| 265         | 24.3  | 16.1 24.1# |

