

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG062621\  
 Data File : BG049111.D  
 Acq On : 26 Jun 2021 16:34  
 Operator : CG/JU  
 Sample : M2852-01  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MANHOLE-WC-S

Quant Time: Jun 27 04:32:15 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG061121.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jun 24 11:02:36 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.102  | 152  | 28480    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.923 | 136  | 127335   | 20.00  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 14.742 | 164  | 97571    | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.491 | 188  | 228782   | 20.00  | ng    | # 0.00   |
| 76) Chrysene-d12            | 21.775 | 240  | 208909   | 20.00  | ng    | -0.01    |
| 86) Perylene-d12            | 25.094 | 264  | 220790   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.652  | 112  | 219275   | 119.85 | ng    | 0.00     |
| 7) Phenol-d6                | 7.256  | 99   | 303590   | 110.71 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.266  | 82   | 213231   | 72.21  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.228 | 330  | 193949   | 134.17 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.367 | 172  | 489410   | 70.86  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.100 | 244  | 892623   | 78.25  | ng    | 0.00     |

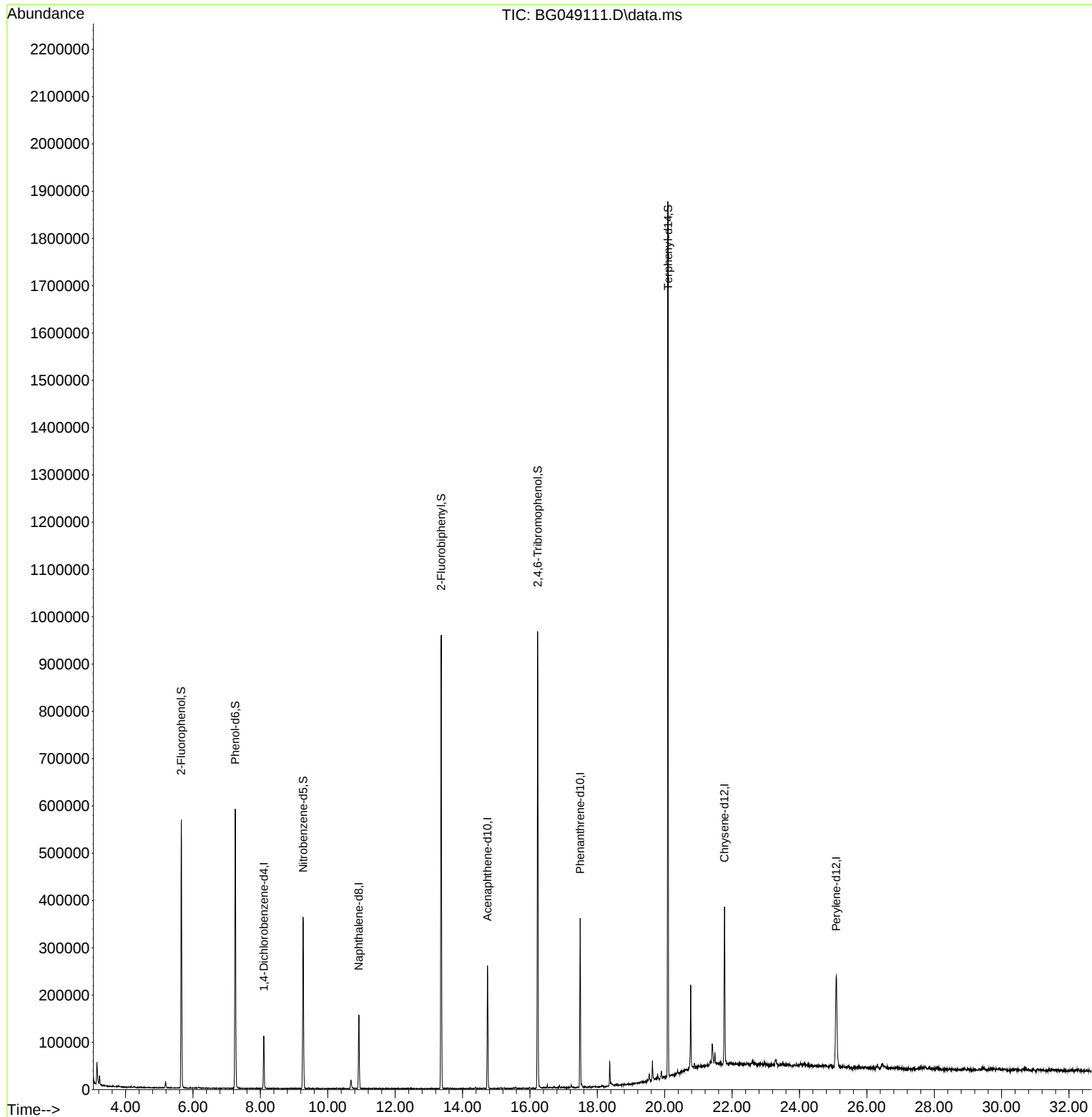
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

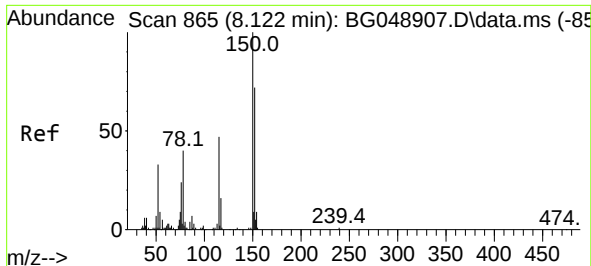
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG062621\  
Data File : BG049111.D  
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Sample : M2852-01  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_G  
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Quant Time: Jun 27 04:32:15 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG061121.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jun 24 11:02:36 2021  
Response via : Initial Calibration

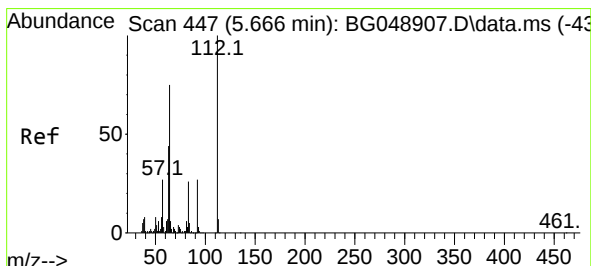
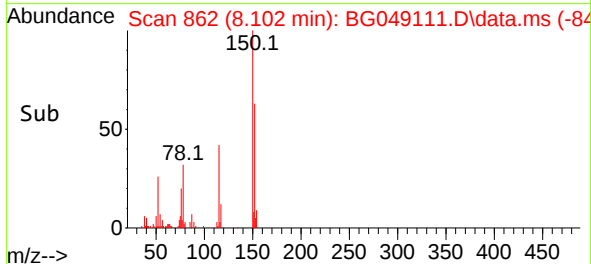
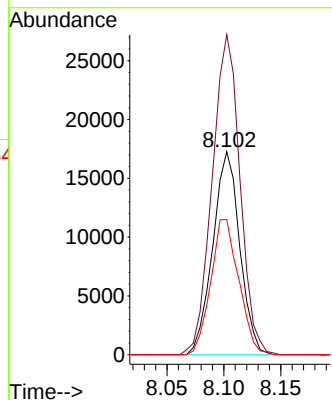
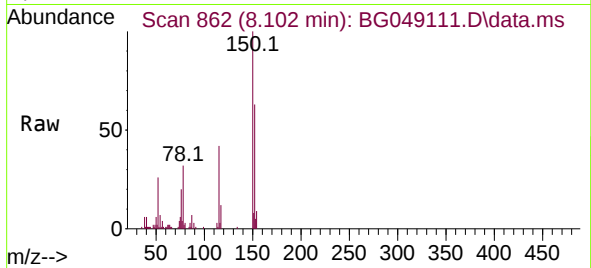




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 8.102 min Scan# 862  
Delta R.T. -0.003 min  
Lab File: BG049111.D  
Acq: 26 Jun 2021 16:34

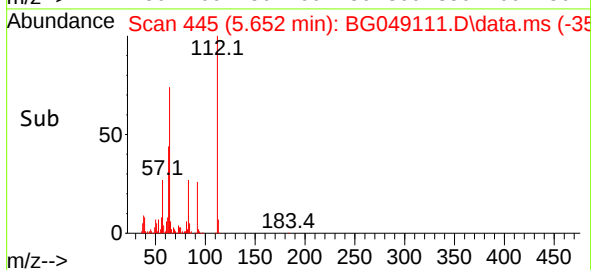
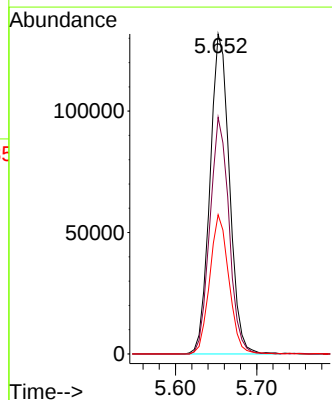
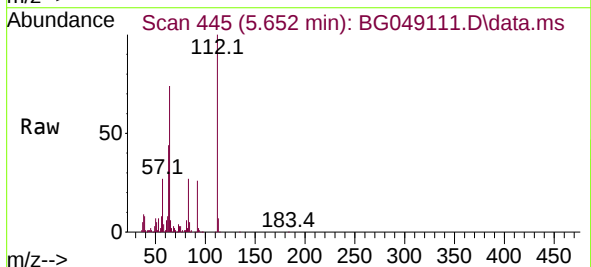
Instrument :  
BNA\_G  
ClientSampleId :  
MANHOLE-WC-S

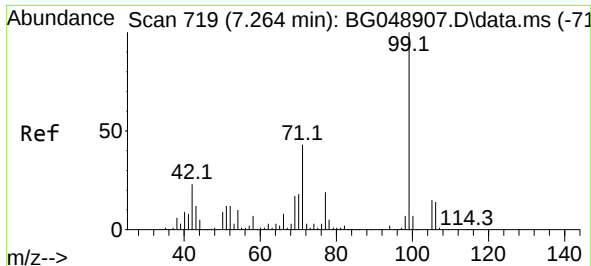
Tgt Ion:152 Resp: 28480  
Ion Ratio Lower Upper  
152 100  
150 157.6 119.4 179.0  
115 66.6 60.2 90.4



#5  
2-Fluorophenol  
Concen: 119.85 ng  
RT: 5.652 min Scan# 445  
Delta R.T. -0.003 min  
Lab File: BG049111.D  
Acq: 26 Jun 2021 16:34

Tgt Ion:112 Resp: 219275  
Ion Ratio Lower Upper  
112 100  
64 73.9 46.7 70.1#  
63 43.5 35.3 52.9

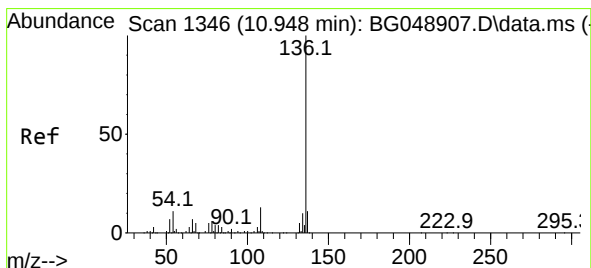
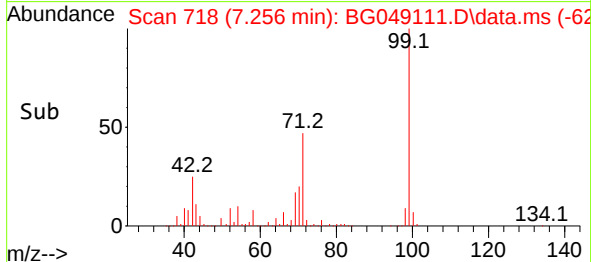
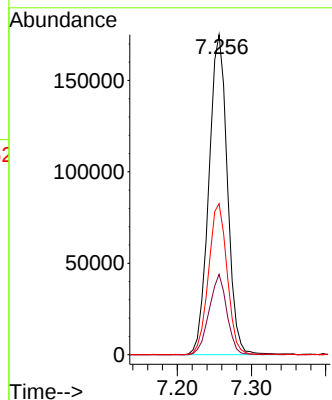
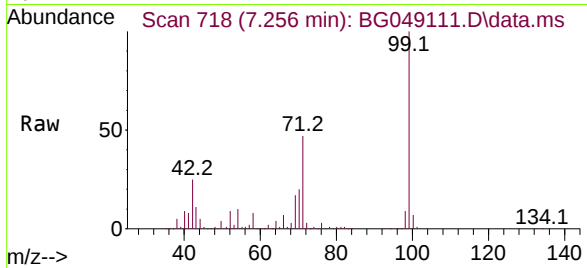




#7  
Phenol-d6  
Concen: 110.71 ng  
RT: 7.256 min Scan# 718  
Delta R.T. -0.003 min  
Lab File: BG049111.D  
Acq: 26 Jun 2021 16:34

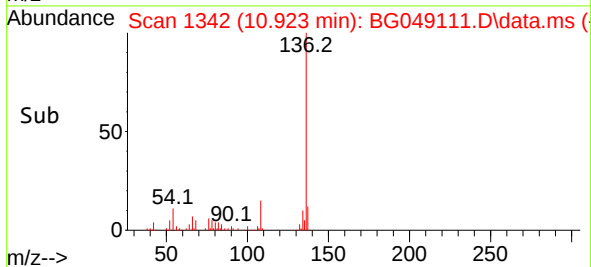
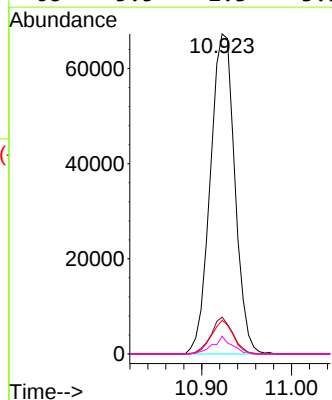
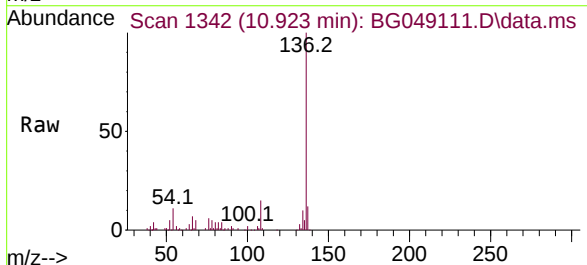
Instrument :  
BNA\_G  
ClientSampleId :  
MANHOLE-WC-S

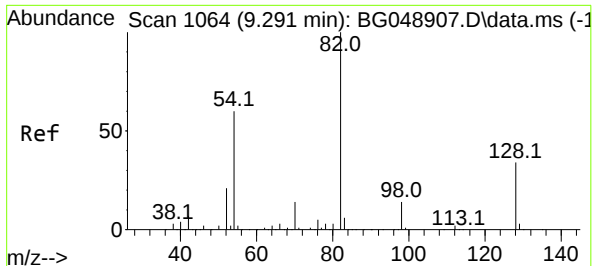
Tgt Ion: 99 Resp: 303590  
Ion Ratio Lower Upper  
99 100  
42 25.1 20.5 30.7  
71 47.2 41.5 62.3



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.923 min Scan# 1342  
Delta R.T. -0.003 min  
Lab File: BG049111.D  
Acq: 26 Jun 2021 16:34

Tgt Ion: 136 Resp: 127335  
Ion Ratio Lower Upper  
136 100  
137 11.5 8.2 12.2  
54 10.5 5.5 8.3#  
68 5.5 2.3 3.5#

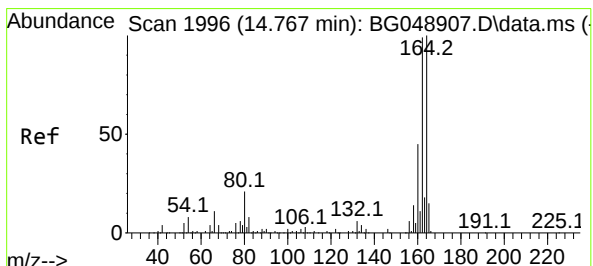
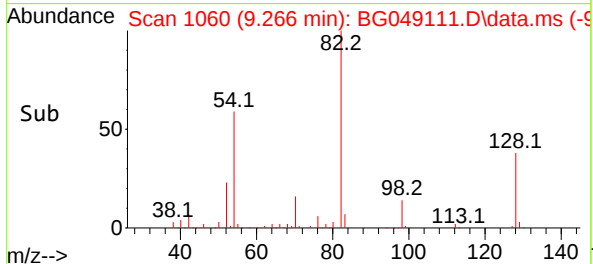
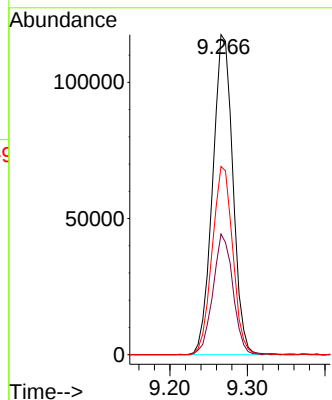
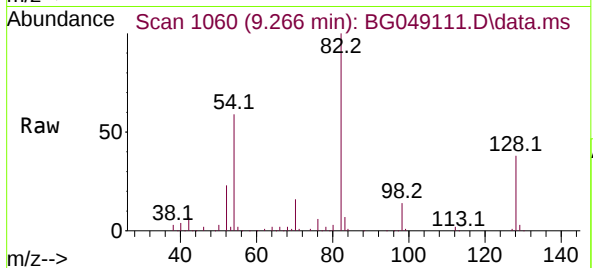




#23  
Nitrobenzene-d5  
Concen: 72.21 ng  
RT: 9.266 min Scan# 1060  
Delta R.T. -0.009 min  
Lab File: BG049111.D  
Acq: 26 Jun 2021 16:34

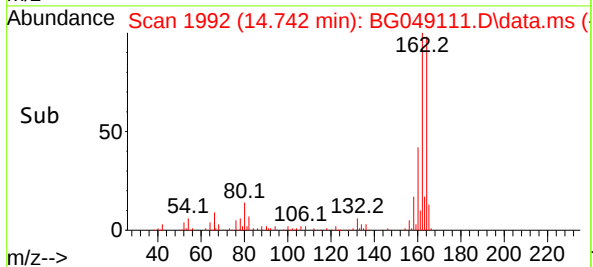
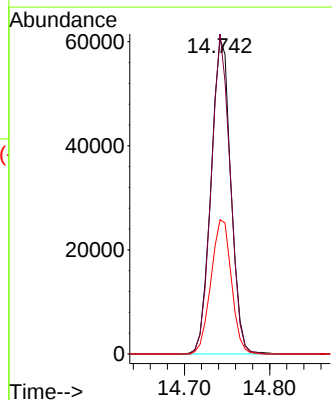
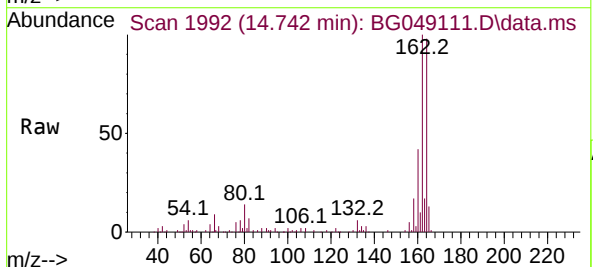
Instrument :  
BNA\_G  
ClientSampleId :  
MANHOLE-WC-S

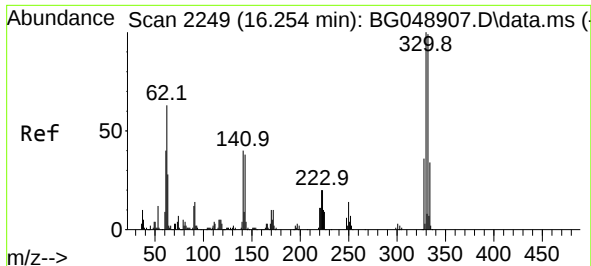
Tgt Ion: 82 Resp: 213231  
Ion Ratio Lower Upper  
82 100  
128 37.7 29.8 44.6  
54 58.8 45.8 68.8



#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.742 min Scan# 1992  
Delta R.T. -0.009 min  
Lab File: BG049111.D  
Acq: 26 Jun 2021 16:34

Tgt Ion:164 Resp: 97571  
Ion Ratio Lower Upper  
164 100  
162 101.6 81.4 122.0  
160 42.7 34.9 52.3

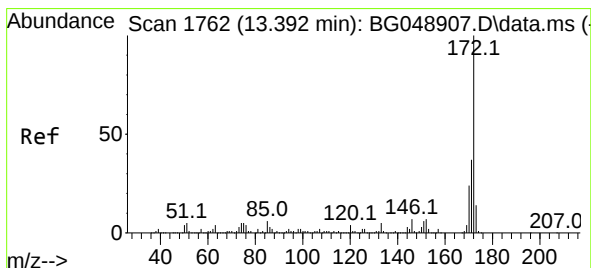
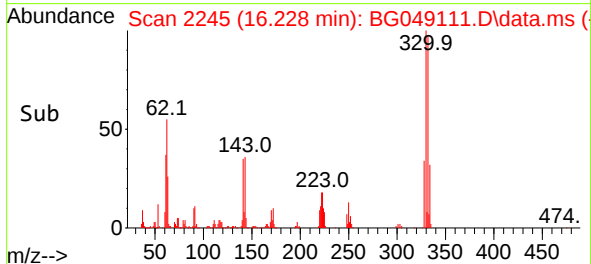
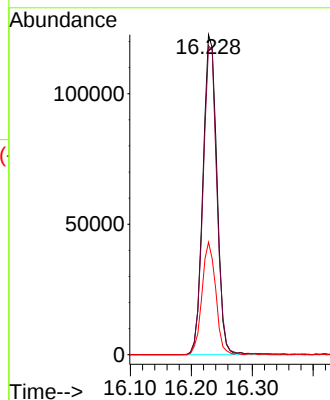
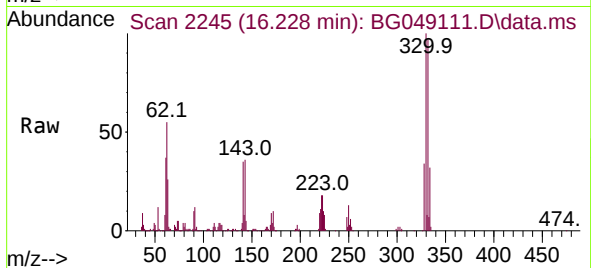




#42  
2,4,6-Tribromophenol  
Concen: 134.17 ng  
RT: 16.228 min Scan# 2245  
Delta R.T. -0.009 min  
Lab File: BG049111.D  
Acq: 26 Jun 2021 16:34

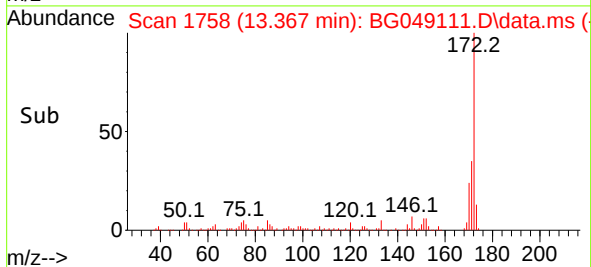
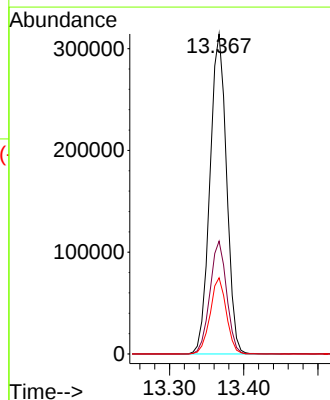
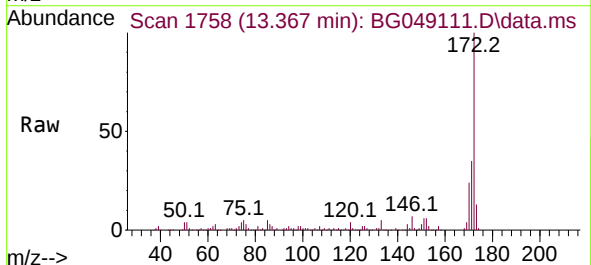
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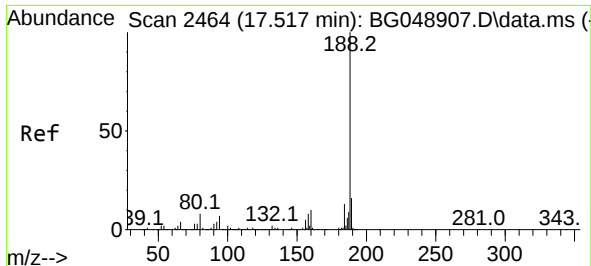
Tgt Ion:330 Resp: 193949  
Ion Ratio Lower Upper  
330 100  
332 96.4 77.3 115.9  
141 34.6 35.6 53.4#



#45  
2-Fluorobiphenyl  
Concen: 70.86 ng  
RT: 13.367 min Scan# 1758  
Delta R.T. -0.003 min  
Lab File: BG049111.D  
Acq: 26 Jun 2021 16:34

Tgt Ion:172 Resp: 489410  
Ion Ratio Lower Upper  
172 100  
171 35.3 28.6 43.0  
170 23.8 18.6 27.8

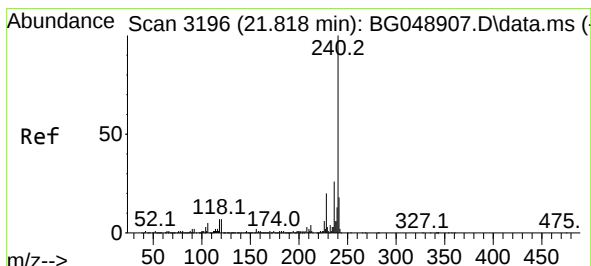
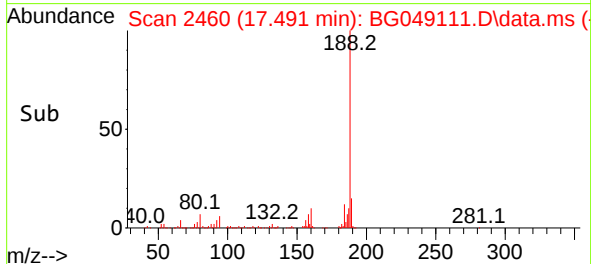
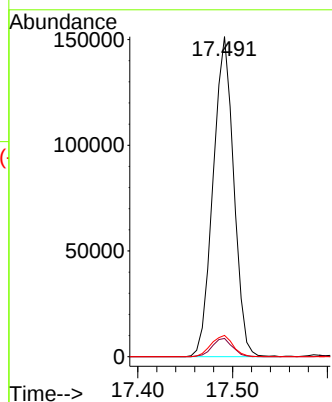
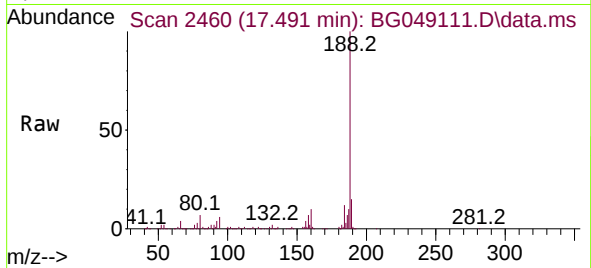




#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.491 min Scan# 2460  
Delta R.T. -0.009 min  
Lab File: BG049111.D  
Acq: 26 Jun 2021 16:34

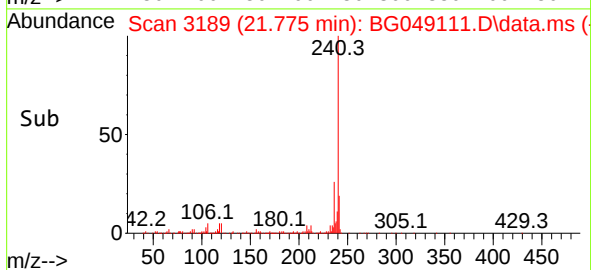
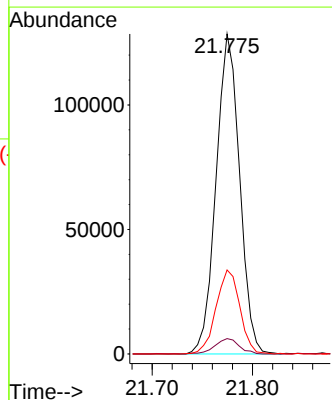
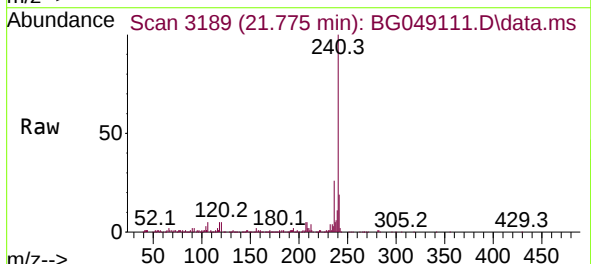
Instrument :  
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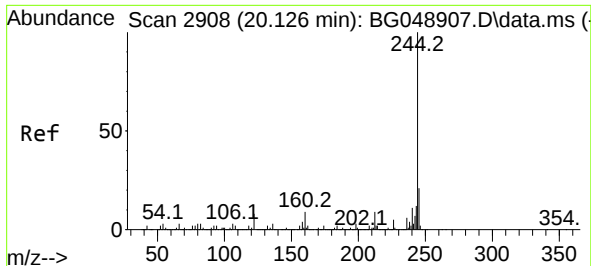
Tgt Ion:188 Resp: 228782  
Ion Ratio Lower Upper  
188 100  
94 5.7 5.4 8.0  
80 6.7 3.7 5.5#



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.775 min Scan# 3189  
Delta R.T. -0.015 min  
Lab File: BG049111.D  
Acq: 26 Jun 2021 16:34

Tgt Ion:240 Resp: 208909  
Ion Ratio Lower Upper  
240 100  
120 4.8 4.2 6.2  
236 26.2 21.8 32.6

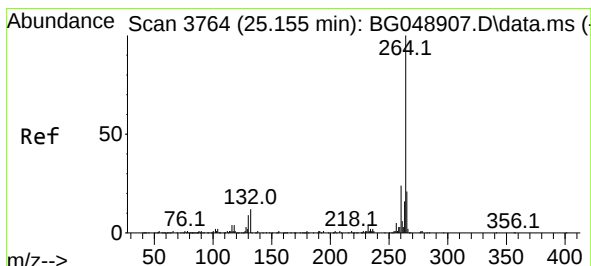
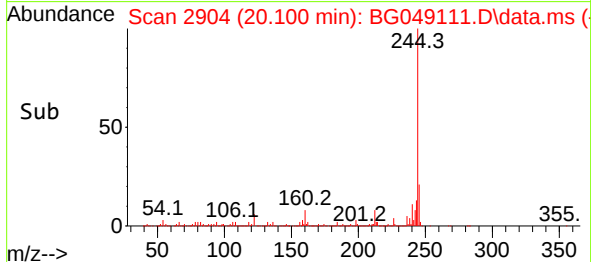
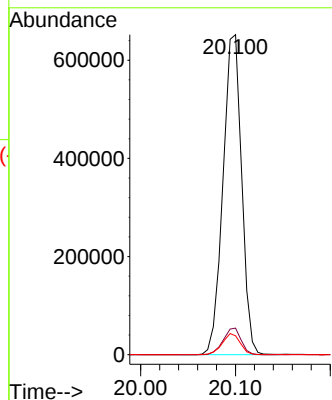
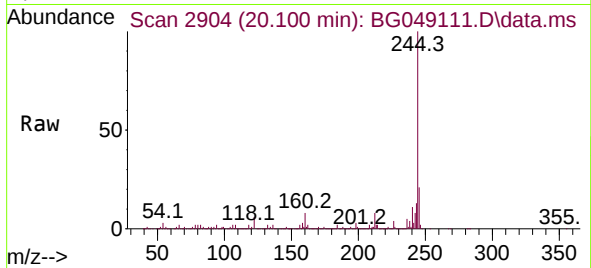




#79  
Terphenyl-d14  
Concen: 78.25 ng  
RT: 20.100 min Scan# 2904  
Delta R.T. -0.003 min  
Lab File: BG049111.D  
Acq: 26 Jun 2021 16:34

Instrument :  
BNA\_G  
ClientSampleId :  
MANHOLE-WC-S

Tgt Ion:244 Resp: 892623  
Ion Ratio Lower Upper  
244 100  
212 8.3 6.9 10.3  
122 5.9 5.0 7.6



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 25.094 min Scan# 3754  
Delta R.T. -0.009 min  
Lab File: BG049111.D  
Acq: 26 Jun 2021 16:34

Tgt Ion:264 Resp: 220790  
Ion Ratio Lower Upper  
264 100  
260 26.1 19.4 29.2  
265 23.8 16.9 25.3

