

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN021521\  
 Data File : BN013625.D  
 Acq On : 15 Feb 2021 15:45  
 Operator : CG/JU  
 Sample : M1413-04  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 EB01-GW-021221

Quant Time: Feb 15 16:42:00 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN020821.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Feb 08 15:13:18 2021  
 Response via : Initial Calibration

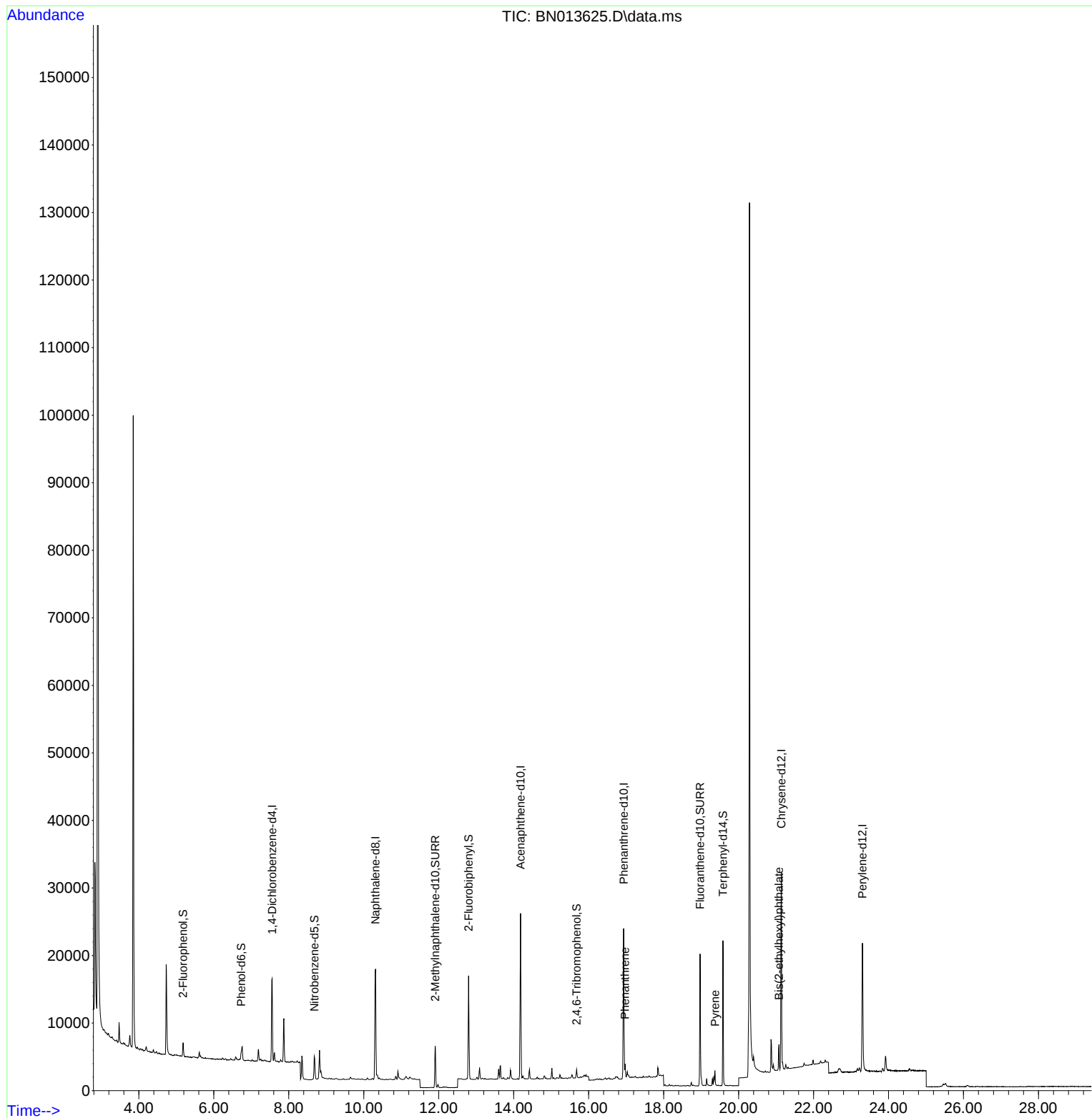
| Compound                      | R.T.   | QIon | Response | Conc | Units | Dev(Min) |
|-------------------------------|--------|------|----------|------|-------|----------|
| -----                         |        |      |          |      |       |          |
| Internal Standards            |        |      |          |      |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.555  | 152  | 6298     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.315 | 136  | 24717    | 0.40 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.181 | 164  | 13389    | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 16.933 | 188  | 28538    | 0.40 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.141 | 240  | 28840    | 0.40 | ng    | # 0.00   |
| 36) Perylene-d12              | 23.305 | 264  | 25124    | 0.40 | ng    | # 0.00   |
|                               |        |      |          |      |       |          |
| System Monitoring Compounds   |        |      |          |      |       |          |
| 4) 2-Fluorophenol             | 5.180  | 112  | 1556     | 0.11 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.734  | 99   | 1105     | 0.06 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.680  | 82   | 3134     | 0.23 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 11.906 | 152  | 8508     | 0.22 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.678 | 330  | 839      | 0.22 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.798 | 172  | 12423    | 0.25 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 18.972 | 212  | 21579    | 0.28 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.583 | 244  | 20172    | 0.31 | ng    | 0.00     |
|                               |        |      |          |      |       |          |
| Target Compounds              |        |      |          |      |       | Qvalue   |
| 25) Phenanthrene              | 16.970 | 178  | 2087     | 0.03 | ng    | 98       |
| 30) Pyrene                    | 19.369 | 202  | 1990     | 0.02 | ng    | 97       |
| 34) Bis(2-ethylhexyl)phtha... | 21.077 | 149  | 4042     | 0.18 | ng    | 98       |
| -----                         |        |      |          |      |       |          |

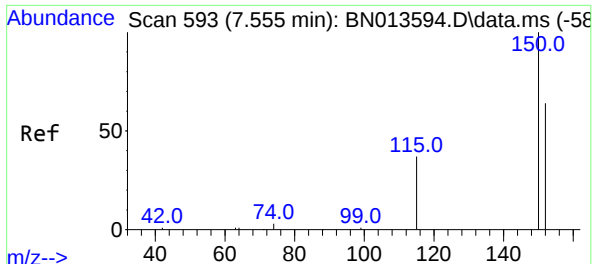
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN021521\  
Data File : BN013625.D  
Acq On : 15 Feb 2021 15:45  
Operator : CG/JU  
Sample : M1413-04  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
EB01-GW-021221

Quant Time: Feb 15 16:42:00 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN020821.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Feb 08 15:13:18 2021  
Response via : Initial Calibration

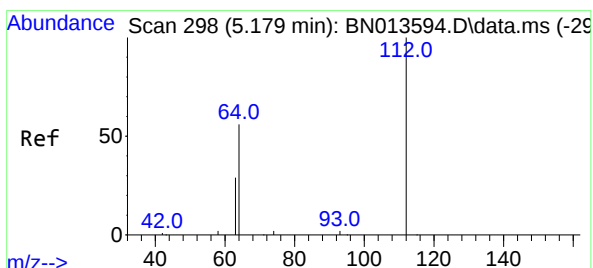
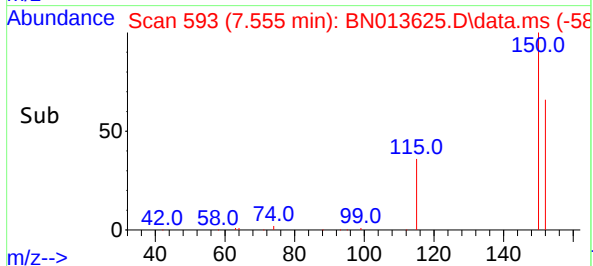
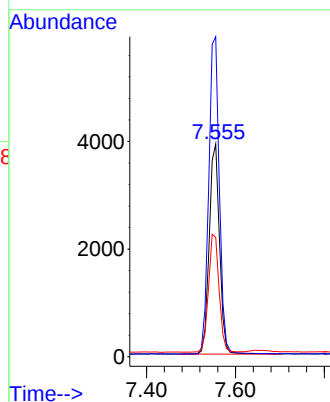
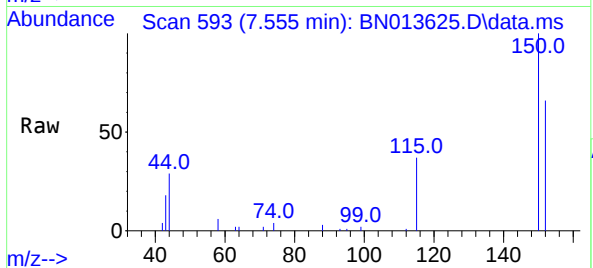




#1  
1,4-Dichlorobenzene-d4  
Concen: 0.40 ng  
RT: 7.555 min Scan# 593  
Delta R.T. 0.000 min  
Lab File: BN013625.D  
Acq: 15 Feb 2021 15:45

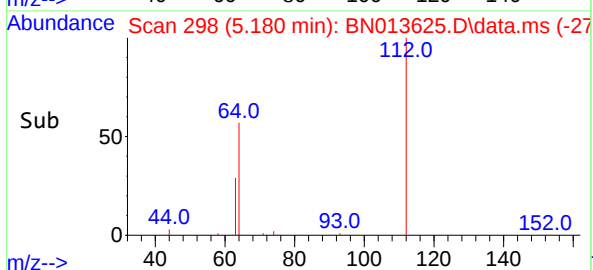
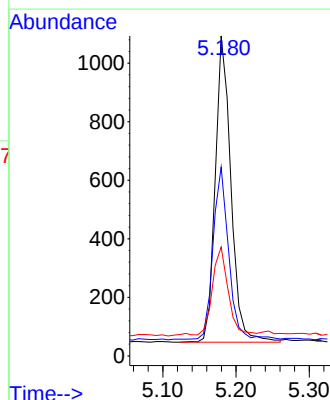
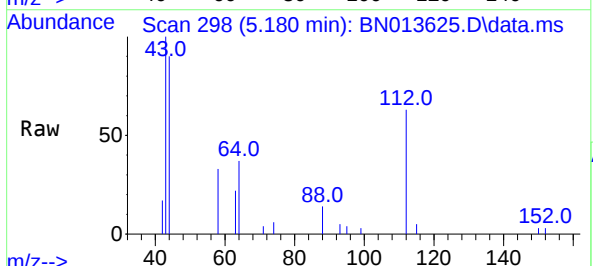
Instrument :  
BNA\_N  
ClientSampleId :  
EB01-GW-021221

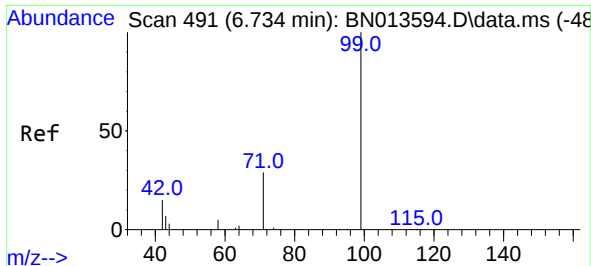
Tgt Ion:152 Resp: 6298  
Ion Ratio Lower Upper  
152 100  
150 150.5 121.8 182.8  
115 56.2 46.6 69.8



#4  
2-Fluorophenol  
Concen: 0.11 ng  
RT: 5.180 min Scan# 298  
Delta R.T. 0.000 min  
Lab File: BN013625.D  
Acq: 15 Feb 2021 15:45

Tgt Ion:112 Resp: 1556  
Ion Ratio Lower Upper  
112 100  
64 56.6 44.3 66.5  
63 30.5 23.0 34.6

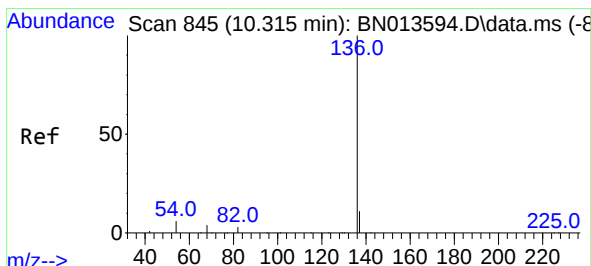
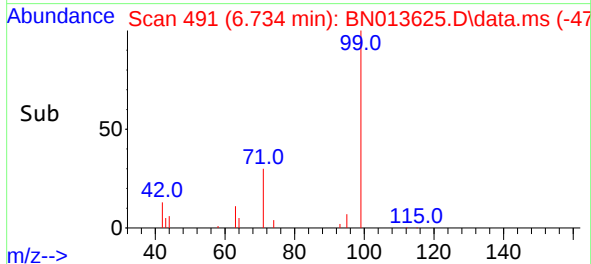
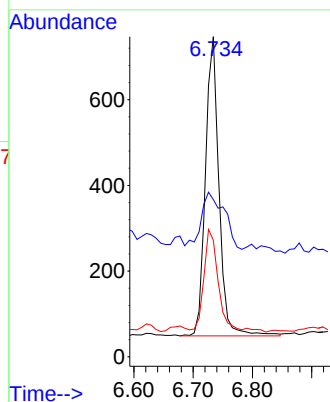
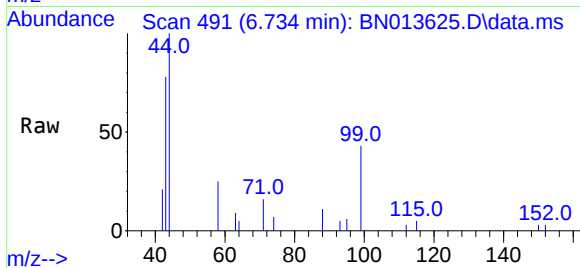




#5  
Phenol-d6  
Concen: 0.06 ng  
RT: 6.734 min Scan# 491  
Delta R.T. 0.000 min  
Lab File: BN013625.D  
Acq: 15 Feb 2021 15:45

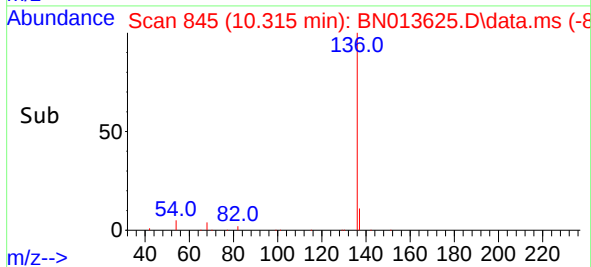
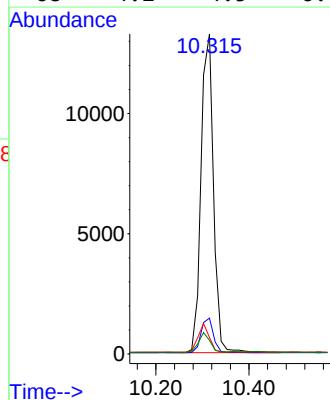
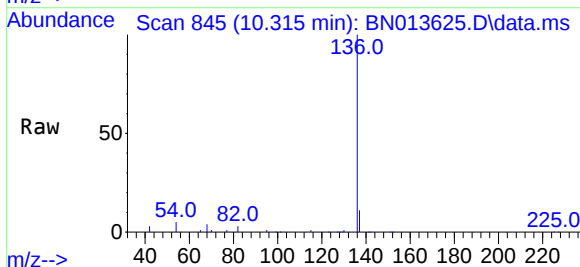
Instrument :  
BNA\_N  
ClientSampleId :  
EB01-GW-021221

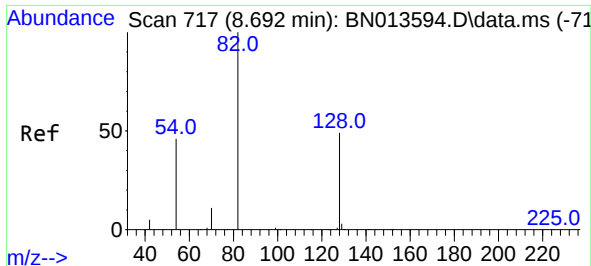
Tgt Ion: 99 Resp: 1105  
Ion Ratio Lower Upper  
99 100  
42 32.5 15.2 22.8#  
71 34.0 26.1 39.1



#7  
Naphthalene-d8  
Concen: 0.40 ng  
RT: 10.315 min Scan# 845  
Delta R.T. 0.000 min  
Lab File: BN013625.D  
Acq: 15 Feb 2021 15:45

Tgt Ion: 136 Resp: 24717  
Ion Ratio Lower Upper  
136 100  
137 11.2 9.0 13.6  
54 5.2 6.4 9.6#  
68 4.2 4.5 6.7#

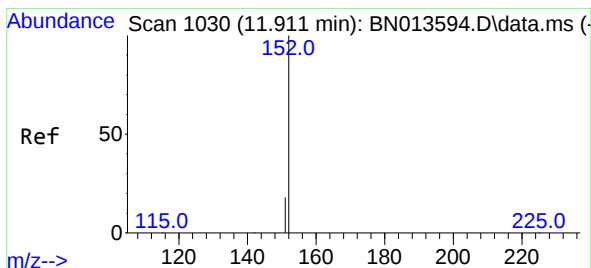
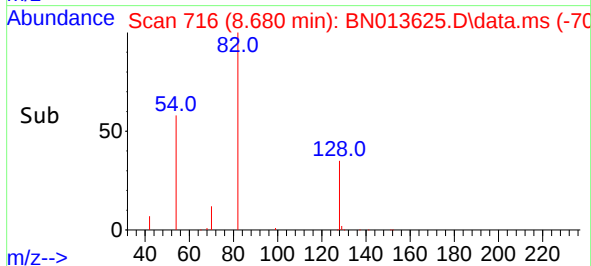
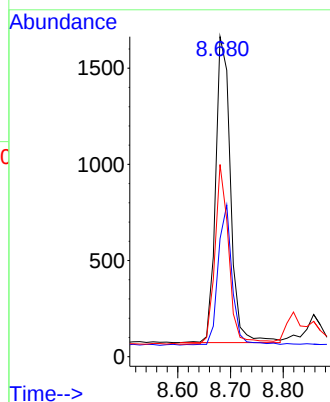
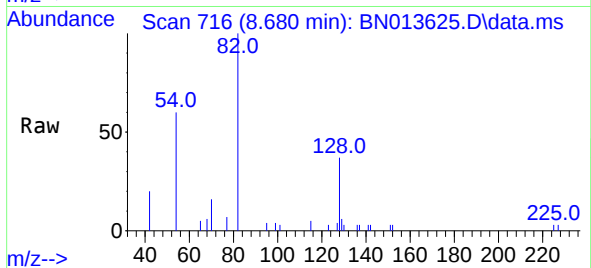




#8  
Nitrobenzene-d5  
Concen: 0.23 ng  
RT: 8.680 min Scan# 716  
Delta R.T. -0.012 min  
Lab File: BN013625.D  
Acq: 15 Feb 2021 15:45

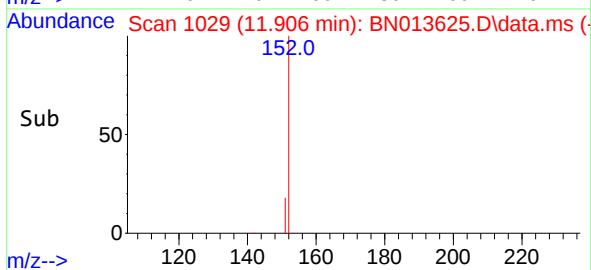
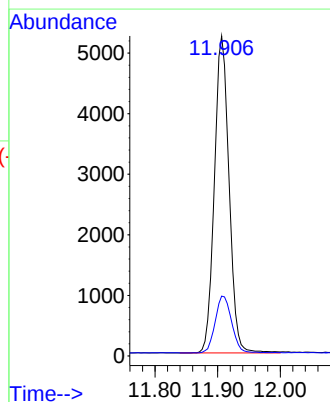
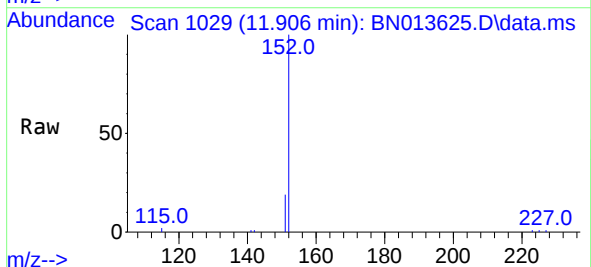
Instrument :  
BNA\_N  
ClientSampleId :  
EB01-GW-021221

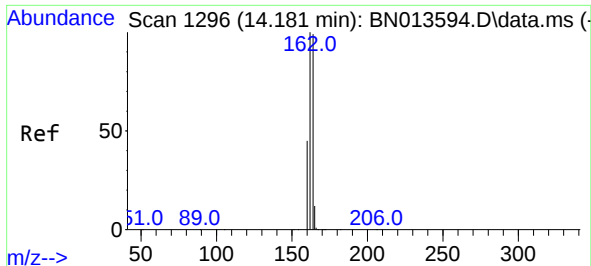
Tgt Ion: 82 Resp: 3134  
Ion Ratio Lower Upper  
82 100  
128 36.8 39.2 58.8#  
54 60.0 40.1 60.1



#11  
2-Methylnaphthalene-d10  
Concen: 0.22 ng  
RT: 11.906 min Scan# 1029  
Delta R.T. -0.004 min  
Lab File: BN013625.D  
Acq: 15 Feb 2021 15:45

Tgt Ion: 152 Resp: 8508  
Ion Ratio Lower Upper  
152 100  
151 20.1 16.2 24.2

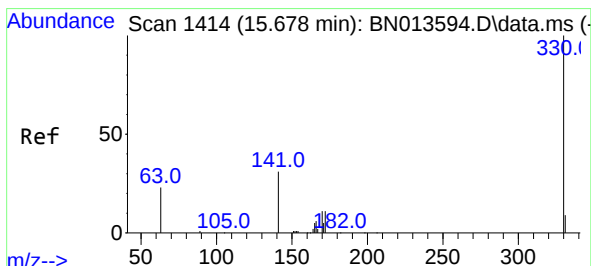
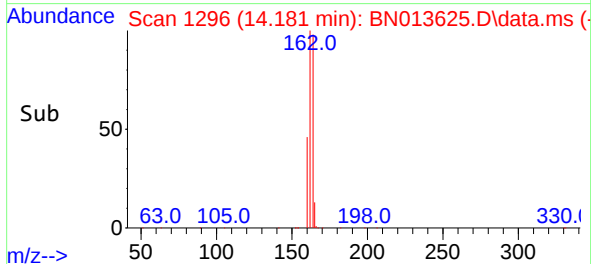
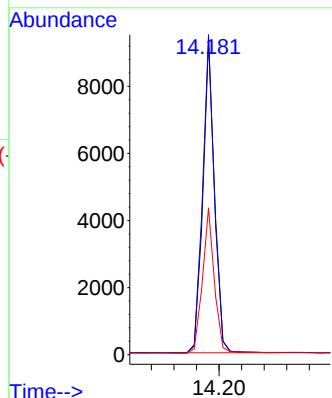
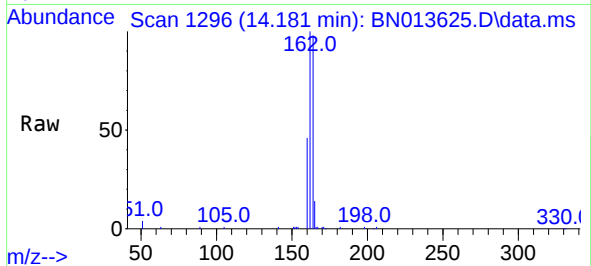




#13  
Acenaphthene-d10  
Concen: 0.40 ng  
RT: 14.181 min Scan# 1296  
Delta R.T. 0.000 min  
Lab File: BN013625.D  
Acq: 15 Feb 2021 15:45

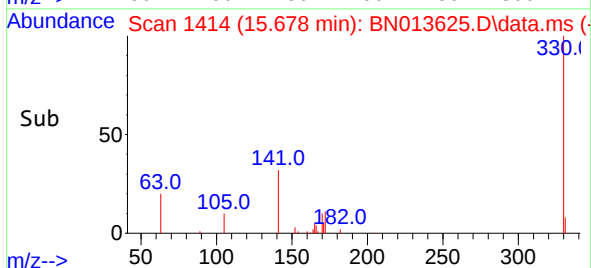
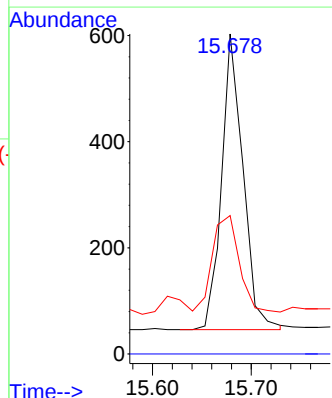
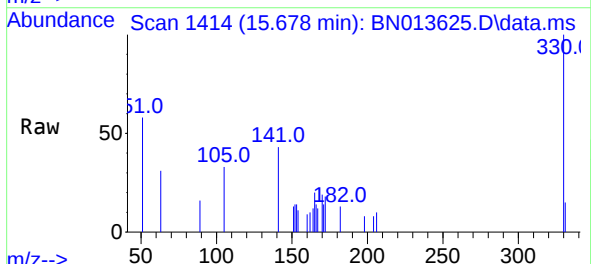
Instrument :  
BNA\_N  
ClientSampleId :  
EB01-GW-021221

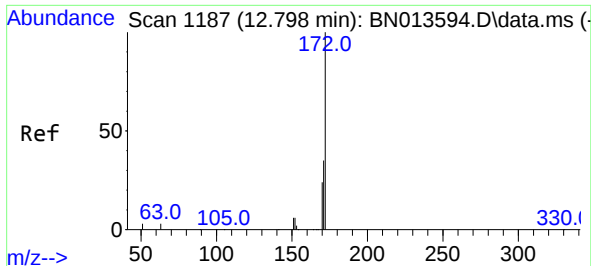
Tgt Ion:164 Resp: 13389  
Ion Ratio Lower Upper  
164 100  
162 101.9 79.6 119.4  
160 46.8 36.0 54.0



#14  
2,4,6-Tribromophenol  
Concen: 0.22 ng  
RT: 15.678 min Scan# 1414  
Delta R.T. 0.000 min  
Lab File: BN013625.D  
Acq: 15 Feb 2021 15:45

Tgt Ion:330 Resp: 839  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 40.6 26.8 40.2#

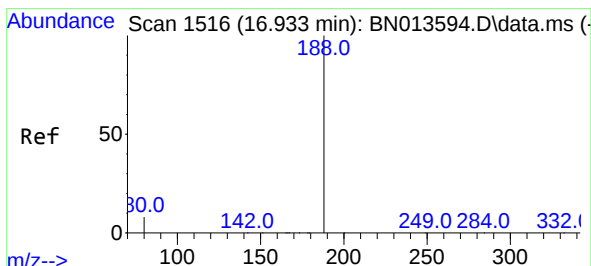
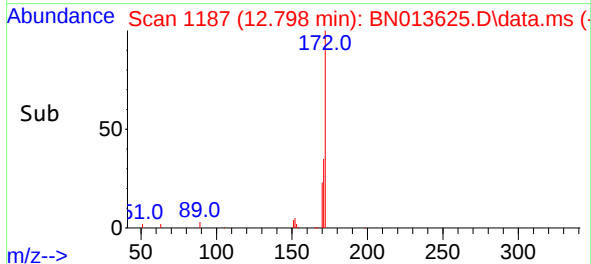
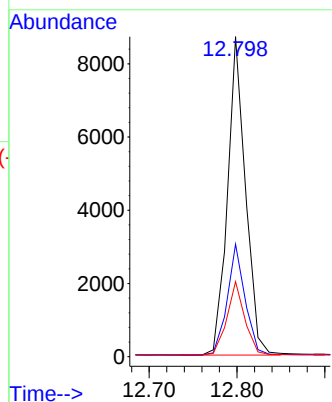
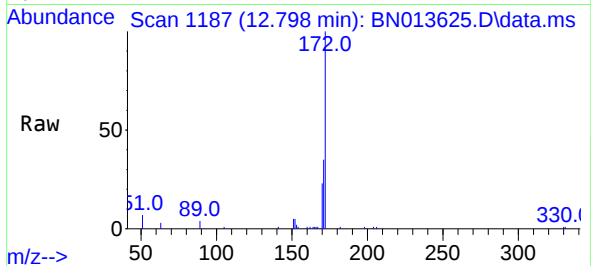




#15  
2-Fluorobiphenyl  
Concen: 0.25 ng  
RT: 12.798 min Scan# 1187  
Delta R.T. 0.000 min  
Lab File: BN013625.D  
Acq: 15 Feb 2021 15:45

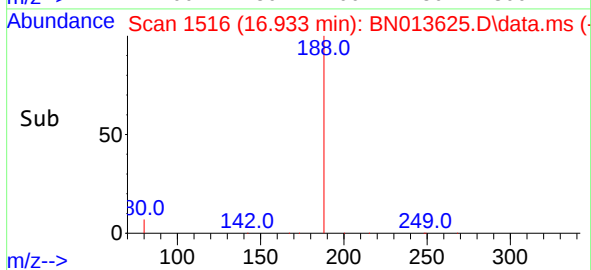
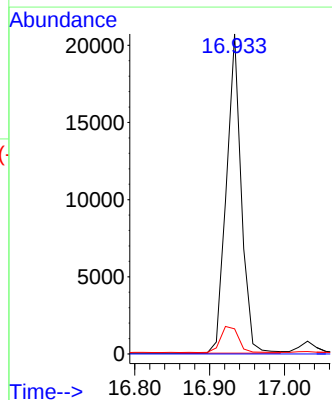
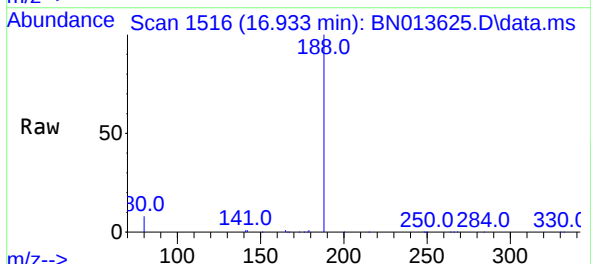
Instrument :  
BNA\_N  
ClientSampleId :  
EB01-GW-021221

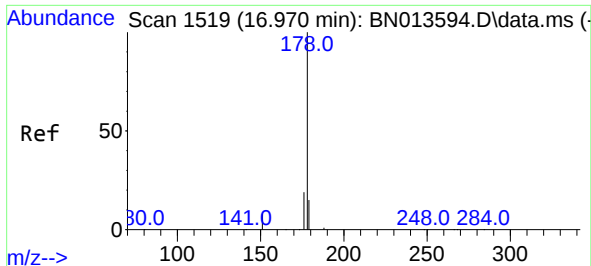
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 172   | Resp: | 12423 |
| Ion      | Ratio | Lower | Upper |
| 172      | 100   |       |       |
| 171      | 35.1  | 28.6  | 42.8  |
| 170      | 23.5  | 18.9  | 28.3  |



#19  
Phenanthrene-d10  
Concen: 0.40 ng  
RT: 16.933 min Scan# 1516  
Delta R.T. 0.000 min  
Lab File: BN013625.D  
Acq: 15 Feb 2021 15:45

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 188   | Resp: | 28538 |
| Ion      | Ratio | Lower | Upper |
| 188      | 100   |       |       |
| 94       | 0.0   | 0.0   | 0.0   |
| 80       | 7.8   | 9.0   | 13.6  |



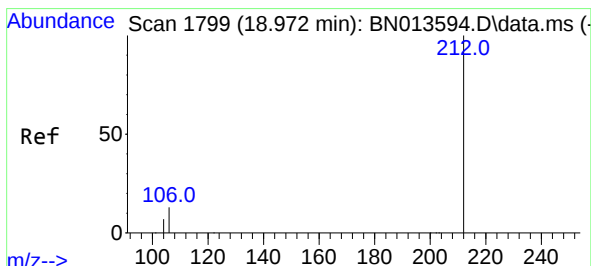
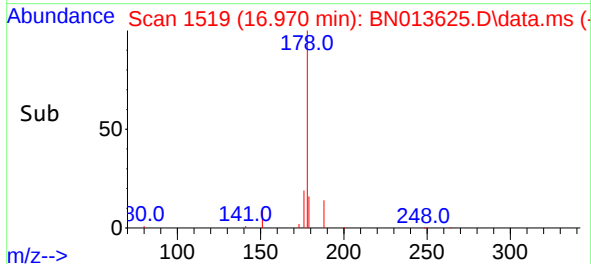
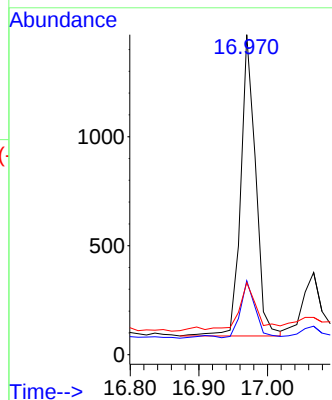
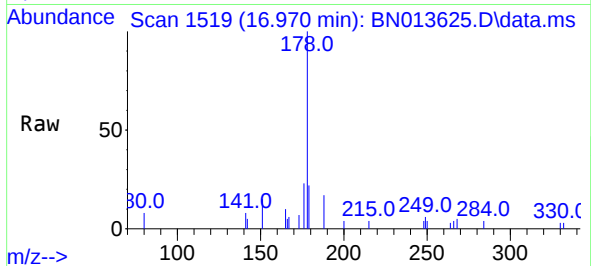


#25  
Phenanthrene  
Concen: 0.03 ng  
RT: 16.970 min Scan# 1519  
Delta R.T. 0.000 min  
Lab File: BN013625.D  
Acq: 15 Feb 2021 15:45

Instrument :  
BNA\_N  
ClientSampleId :  
EB01-GW-021221

Tgt Ion:178 Resp: 2087

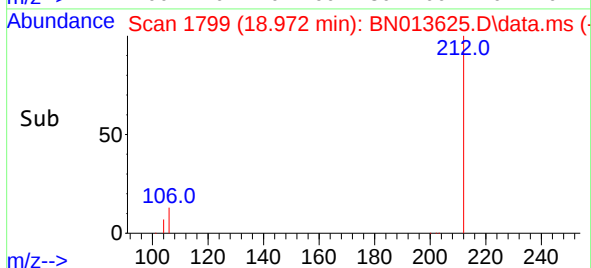
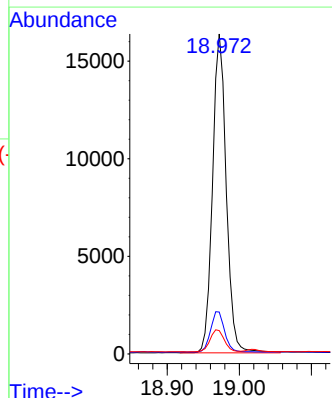
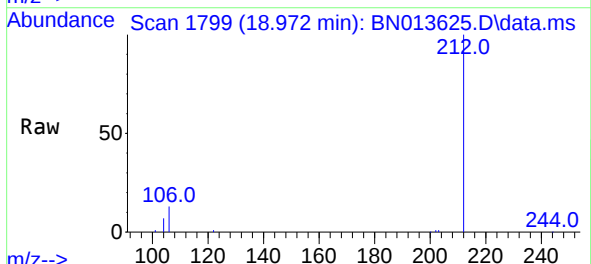
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 176 | 18.7  | 15.0  | 22.4  |
| 179 | 17.6  | 12.3  | 18.5  |

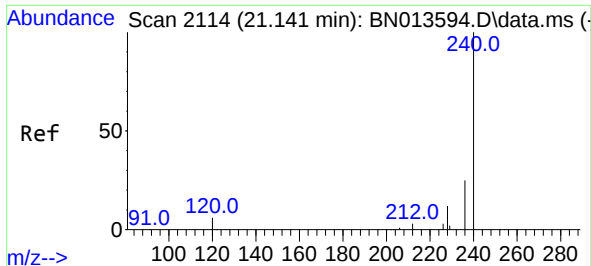


#27  
Fluoranthene-d10  
Concen: 0.28 ng  
RT: 18.972 min Scan# 1799  
Delta R.T. 0.000 min  
Lab File: BN013625.D  
Acq: 15 Feb 2021 15:45

Tgt Ion:212 Resp: 21579

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 212 | 100   |       |       |
| 106 | 12.9  | 9.7   | 14.5  |
| 104 | 7.2   | 5.5   | 8.3   |

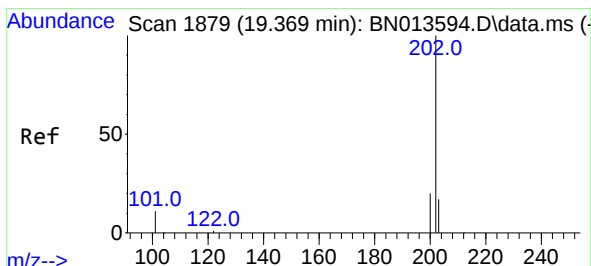
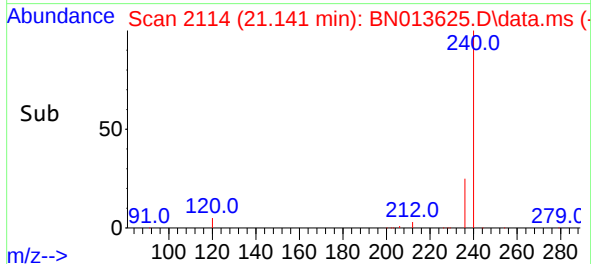
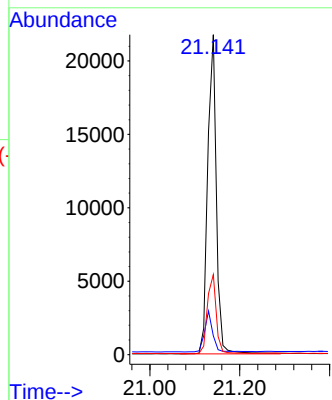
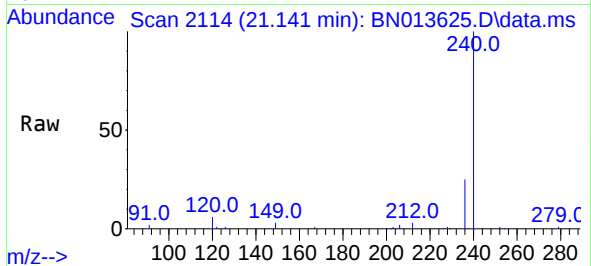




#29  
Chrysene-d12  
Concen: 0.40 ng  
RT: 21.141 min Scan# 2114  
Delta R.T. 0.000 min  
Lab File: BN013625.D  
Acq: 15 Feb 2021 15:45

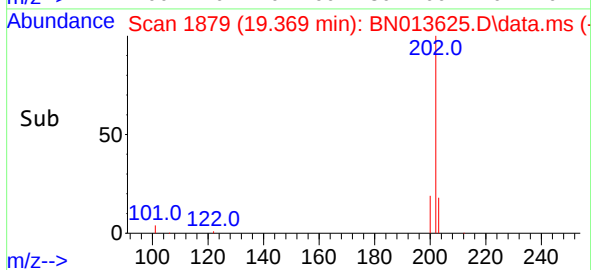
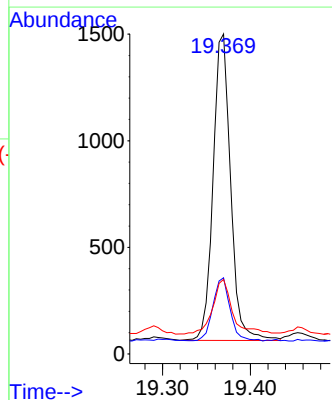
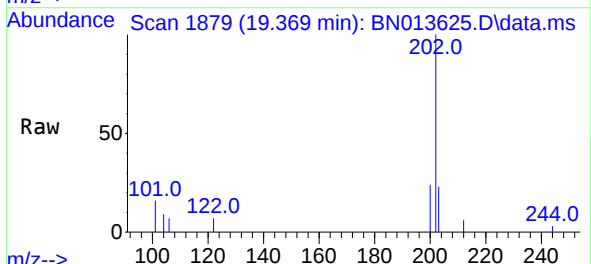
Instrument :  
BNA\_N  
ClientSampleId :  
EB01-GW-021221

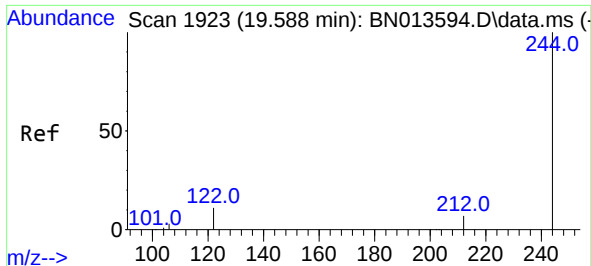
Tgt Ion:240 Resp: 28840  
Ion Ratio Lower Upper  
240 100  
120 5.9 10.2 15.4#  
236 25.0 21.3 31.9



#30  
Pyrene  
Concen: 0.02 ng  
RT: 19.369 min Scan# 1879  
Delta R.T. 0.000 min  
Lab File: BN013625.D  
Acq: 15 Feb 2021 15:45

Tgt Ion:202 Resp: 1990  
Ion Ratio Lower Upper  
202 100  
200 20.3 16.3 24.5  
203 20.2 14.0 21.0

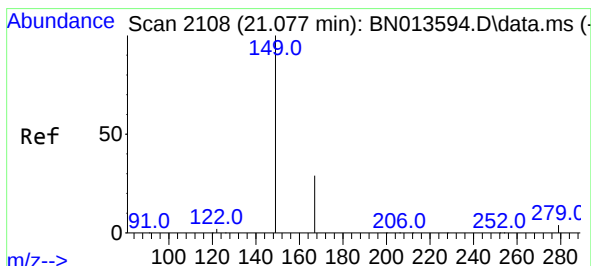
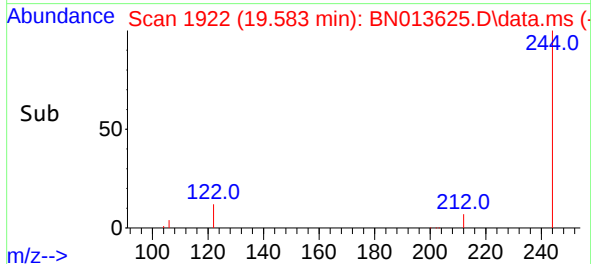
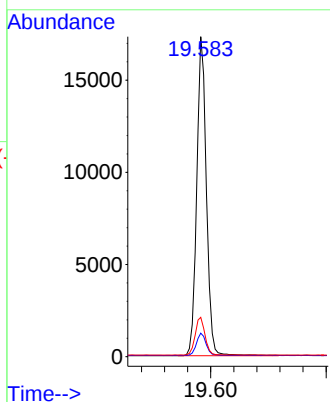
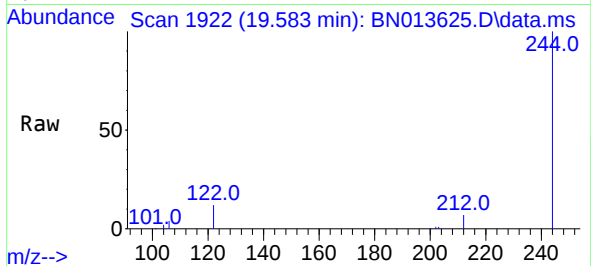




#31  
Terphenyl-d14  
Concen: 0.31 ng  
RT: 19.583 min Scan# 1922  
Delta R.T. -0.005 min  
Lab File: BN013625.D  
Acq: 15 Feb 2021 15:45

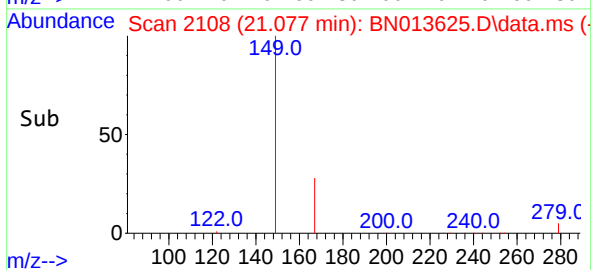
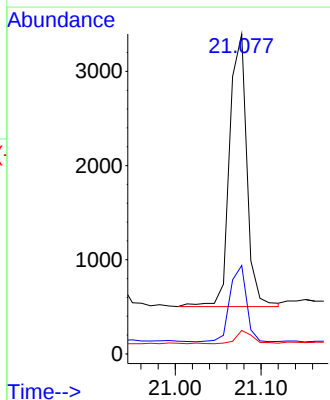
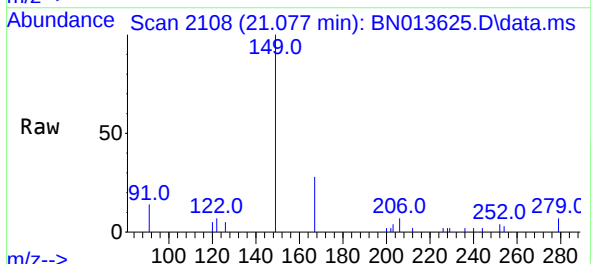
Instrument :  
BNA\_N  
ClientSampleId :  
EB01-GW-021221

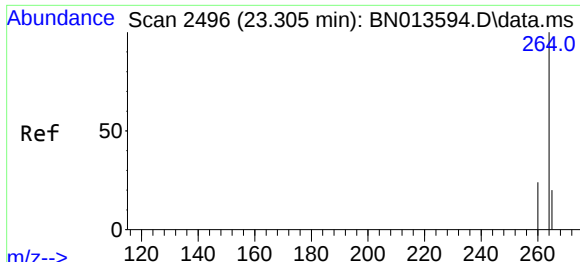
Tgt Ion:244 Resp: 20172  
Ion Ratio Lower Upper  
244 100  
212 7.4 6.1 9.1  
122 12.3 9.8 14.8



#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.18 ng  
RT: 21.077 min Scan# 2108  
Delta R.T. 0.000 min  
Lab File: BN013625.D  
Acq: 15 Feb 2021 15:45

Tgt Ion:149 Resp: 4042  
Ion Ratio Lower Upper  
149 100  
167 26.7 22.1 33.1  
279 4.6 3.5 5.3





#36  
 Perylene-d12  
 Concen: 0.40 ng  
 RT: 23.305 min Scan# 2496  
 Delta R.T. 0.000 min  
 Lab File: BN013625.D  
 Acq: 15 Feb 2021 15:45

Instrument :  
 BNA\_N  
 ClientSampleId :  
 EB01-GW-021221

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:264 | Resp: | 25124      |
| Ion Ratio   | Lower | Upper      |
| 264         | 100   |            |
| 260         | 24.5  | 19.3 28.9  |
| 265         | 32.1  | 66.2 99.4# |

