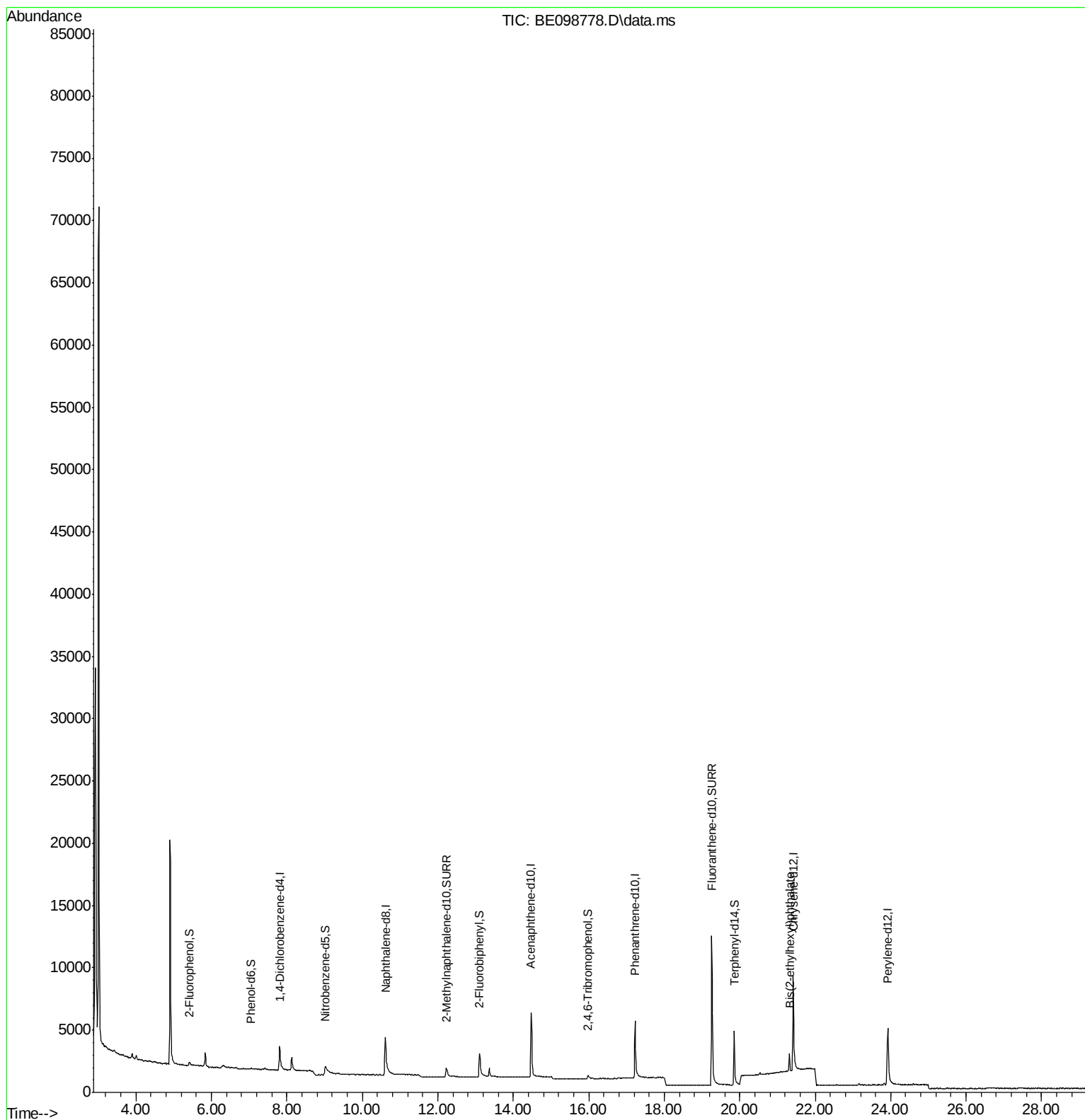


Data Path : Z:\svoasrv\HPCHEM1\BNA\_E\Data\BE022719\  
Data File : BE098778.D  
Acq On : 27 Feb 2019 15:56  
Operator : JU/SJ  
Sample : K1603-21  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
M2-T1-UV(POST)

Quant Time: Feb 27 17:14:11 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE022619.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Feb 26 15:44:42 2019  
Response via : Initial Calibration



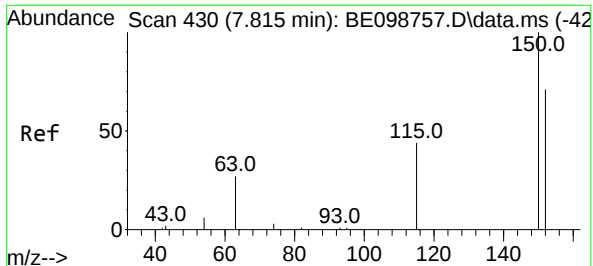
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 Operator : JU/SJ  
 Sample : K1603-21  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 M2-T1-UV(POST)

Quant Time: Feb 27 17:14:11 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE022619.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Feb 26 15:44:42 2019  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc | Units | Dev(Min)       |
|-------------------------------|--------|------|----------|------|-------|----------------|
| -----                         |        |      |          |      |       |                |
| Internal Standards            |        |      |          |      |       |                |
| 1) 1,4-Dichlorobenzene-d4     | 7.806  | 152  | 1400     | 0.40 | ng    | 0.00           |
| 7) Naphthalene-d8             | 10.614 | 136  | 5628     | 0.40 | ng    | # 0.01         |
| 13) Acenaphthene-d10          | 14.471 | 164  | 3920     | 0.40 | ng    | 0.00           |
| 19) Phenanthrene-d10          | 17.229 | 188  | 9843     | 0.40 | ng    | # 0.00         |
| 27) Chrysene-d12              | 21.414 | 240  | 10918    | 0.40 | ng    | 0.00           |
| 34) Perylene-d12              | 23.927 | 264  | 8703     | 0.40 | ng    | 0.00           |
| System Monitoring Compounds   |        |      |          |      |       |                |
| 4) 2-Fluorophenol             | 5.410  | 112  | 347      | 0.10 | ng    | 0.00           |
| 5) Phenol-d6                  | 7.046  | 99   | 187      | 0.03 | ng    | 0.05           |
| 8) Nitrobenzene-d5            | 9.017  | 82   | 874      | 0.20 | ng    | 0.04           |
| 11) 2-Methylnaphthalene-d10   | 12.224 | 152  | 1957     | 0.18 | ng    | 0.01           |
| 14) 2,4,6-Tribromophenol      | 15.984 | 330  | 284      | 0.23 | ng    | 0.00           |
| 15) 2-Fluorobiphenyl          | 13.103 | 172  | 3435     | 0.21 | ng    | 0.01           |
| 25) Fluoranthene-d10          | 19.258 | 212  | 22813    | 0.16 | ng    | 0.00           |
| 29) Terphenyl-d14             | 19.856 | 244  | 5008     | 0.18 | ng    | 0.00           |
| Target Compounds              |        |      |          |      |       |                |
| 32) Bis(2-ethylhexyl)phtha... | 21.317 | 149  | 2268     | 0.03 | ng    | Qvalue<br># 99 |
| -----                         |        |      |          |      |       |                |

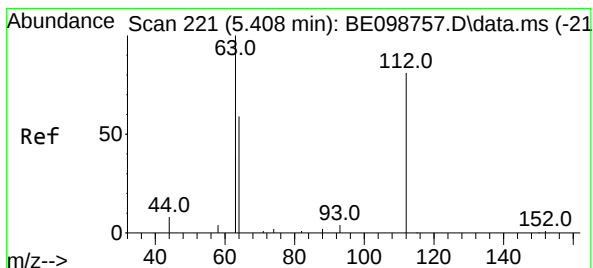
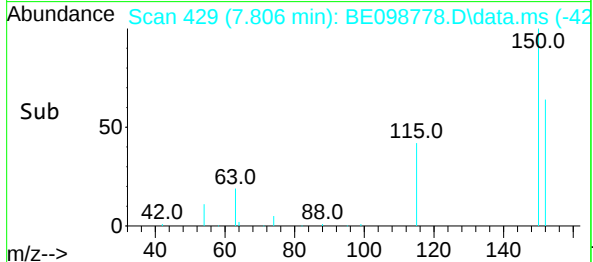
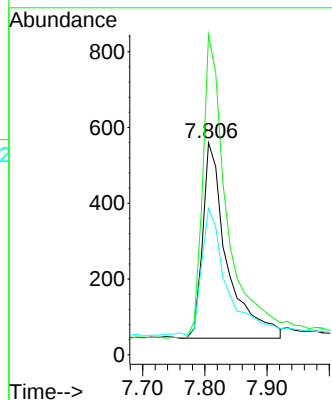
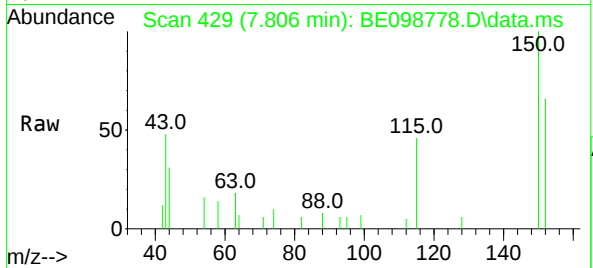
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1  
1,4-Dichlorobenzene-d4  
Concen: 0.40 ng  
RT: 7.806 min Scan# 429  
Delta R.T. -0.009 min  
Lab File: BE098778.D  
Acq: 27 Feb 2019 15:56

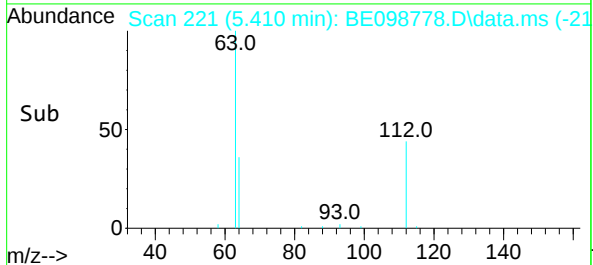
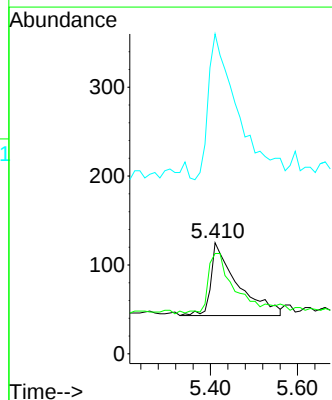
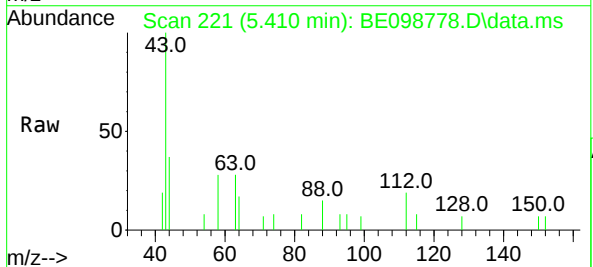
Instrument :  
BNA\_E  
ClientSampleId :  
M2-T1-UV(POST)

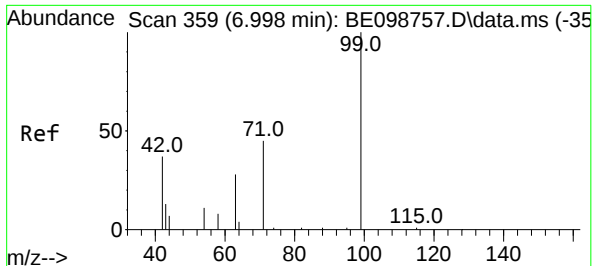
Tgt Ion:152 Resp: 1400  
Ion Ratio Lower Upper  
152 100  
150 150.9 121.4 182.2  
115 69.1 59.1 88.7



#4  
2-Fluorophenol  
Concen: 0.10 ng  
RT: 5.410 min Scan# 221  
Delta R.T. 0.002 min  
Lab File: BE098778.D  
Acq: 27 Feb 2019 15:56

Tgt Ion:112 Resp: 347  
Ion Ratio Lower Upper  
112 100  
64 79.8 62.9 94.3  
63 225.1 152.2 228.4

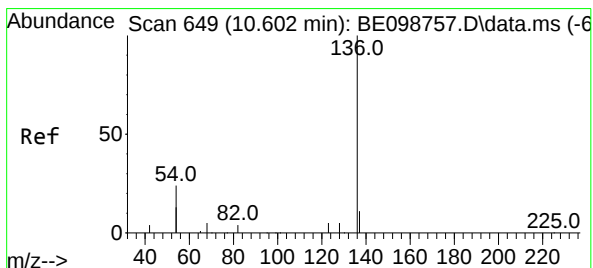
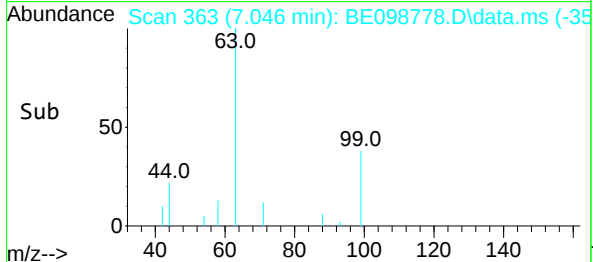
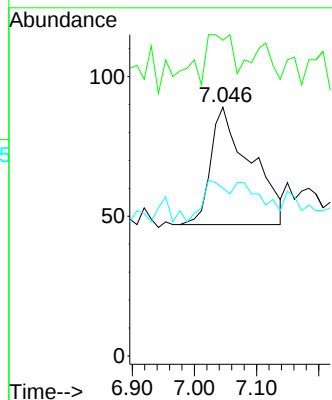
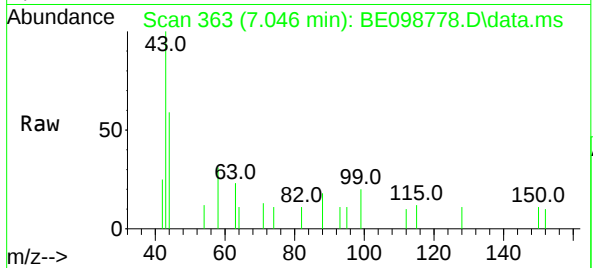




#5  
Phenol-d6  
Concen: 0.03 ng  
RT: 7.046 min Scan# 363  
Delta R.T. 0.048 min  
Lab File: BE098778.D  
Acq: 27 Feb 2019 15:56

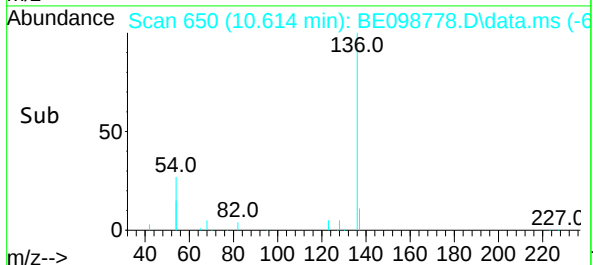
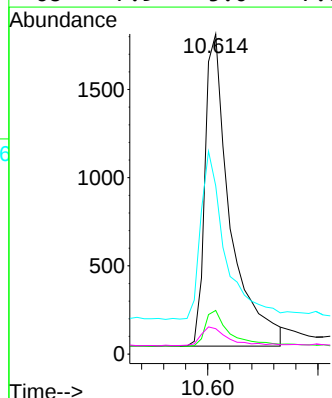
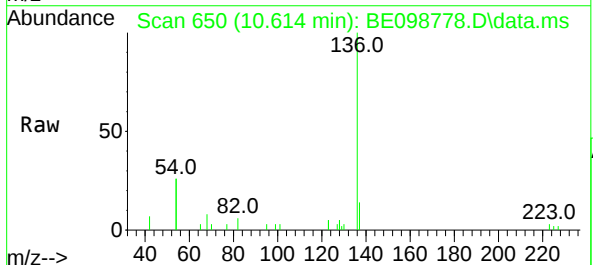
Instrument :  
BNA\_E  
ClientSampleId :  
M2-T1-UV(POST)

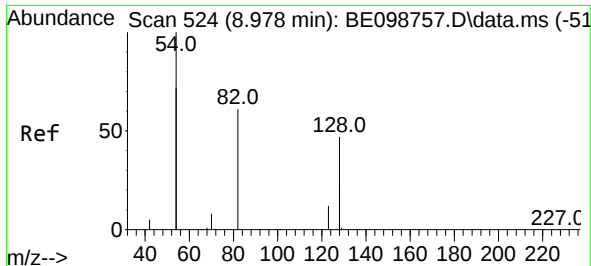
Tgt Ion: 99 Resp: 187  
Ion Ratio Lower Upper  
99 100  
42 0.0 24.6 37.0#  
71 0.0 35.1 52.7#



#7  
Naphthalene-d8  
Concen: 0.40 ng  
RT: 10.614 min Scan# 650  
Delta R.T. 0.012 min  
Lab File: BE098778.D  
Acq: 27 Feb 2019 15:56

Tgt Ion: 136 Resp: 5628  
Ion Ratio Lower Upper  
136 100  
137 13.6 9.7 14.5  
54 52.6 35.5 53.3  
68 7.9 5.0 7.6#

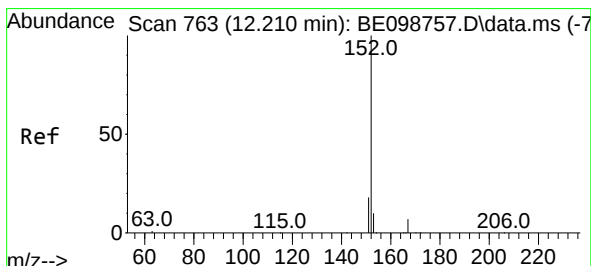
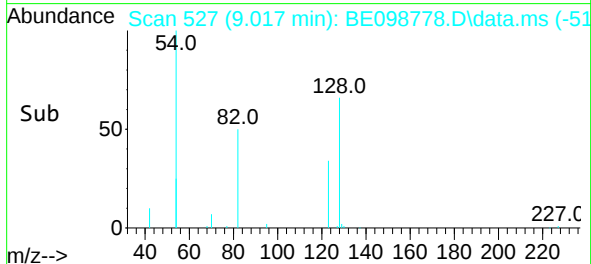
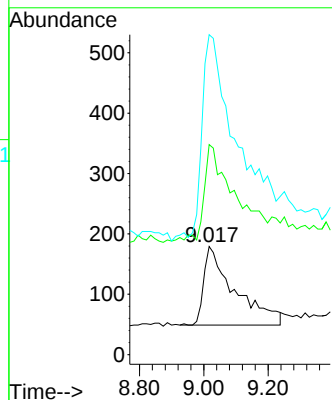
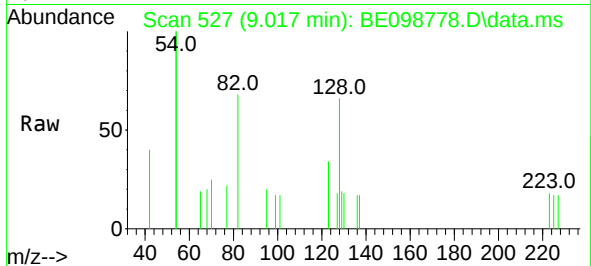




#8  
Nitrobenzene-d5  
Concen: 0.20 ng  
RT: 9.017 min Scan# 527  
Delta R.T. 0.039 min  
Lab File: BE098778.D  
Acq: 27 Feb 2019 15:56

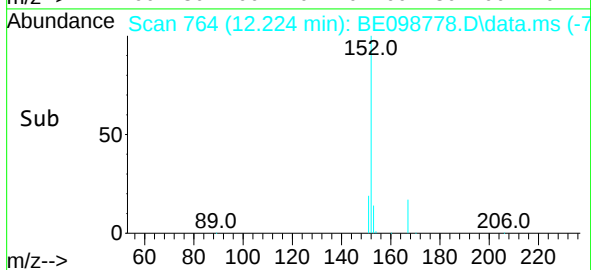
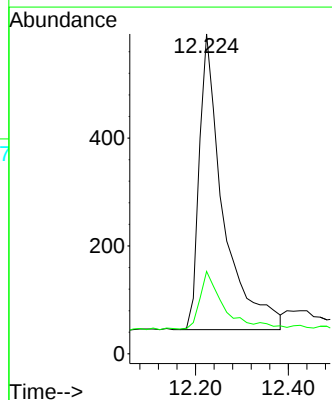
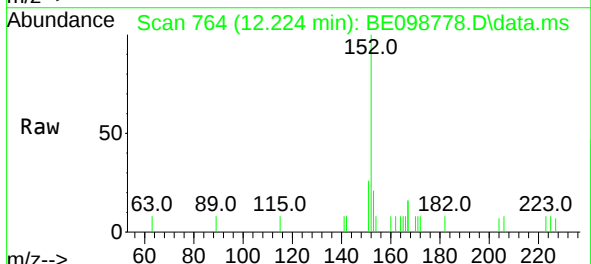
Instrument :  
BNA\_E  
ClientSampleId :  
M2-T1-UV(POST)

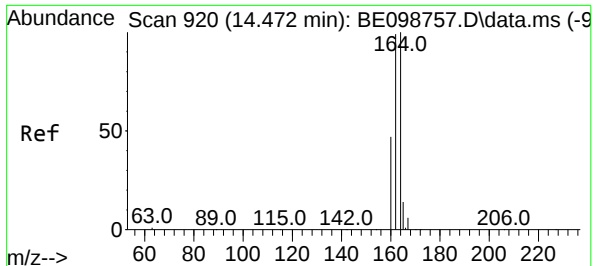
Tgt Ion: 82 Resp: 874  
Ion Ratio Lower Upper  
82 100  
128 194.4 96.5 144.7#  
54 296.1 224.7 337.1



#11  
2-Methylnaphthalene-d10  
Concen: 0.18 ng  
RT: 12.224 min Scan# 764  
Delta R.T. 0.014 min  
Lab File: BE098778.D  
Acq: 27 Feb 2019 15:56

Tgt Ion: 152 Resp: 1957  
Ion Ratio Lower Upper  
152 100  
151 19.4 16.2 24.4

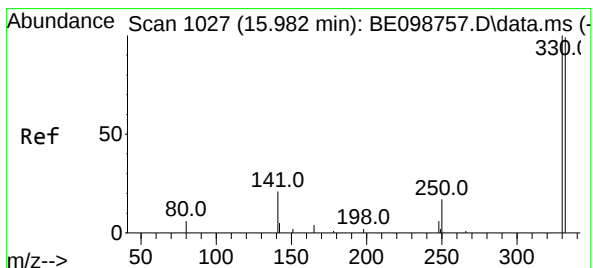
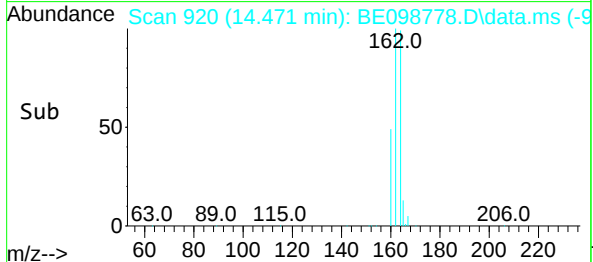
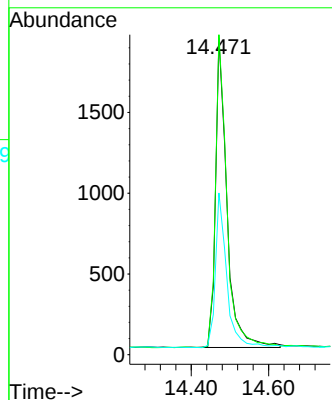
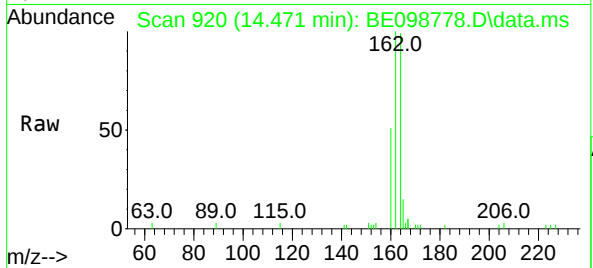




#13  
Acenaphthene-d10  
Concen: 0.40 ng  
RT: 14.471 min Scan# 920  
Delta R.T. -0.001 min  
Lab File: BE098778.D  
Acq: 27 Feb 2019 15:56

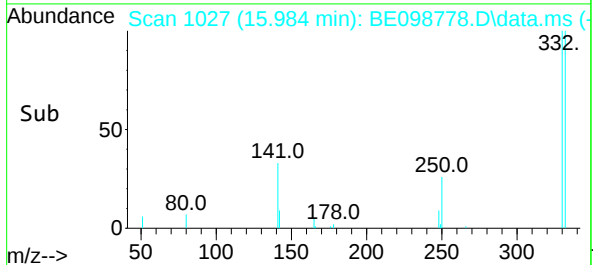
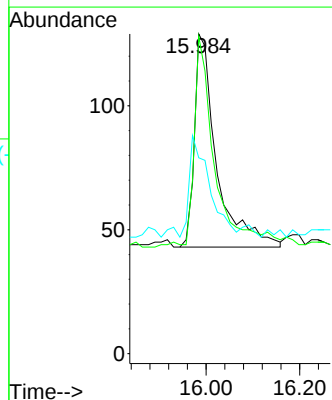
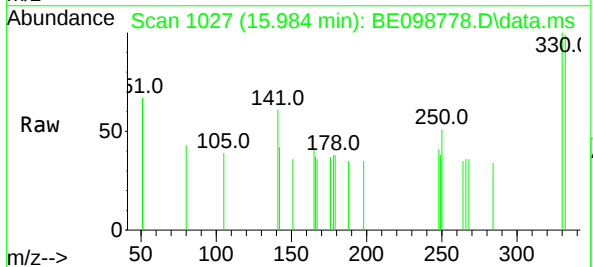
Instrument :  
BNA\_E  
ClientSampleId :  
M2-T1-UV(POST)

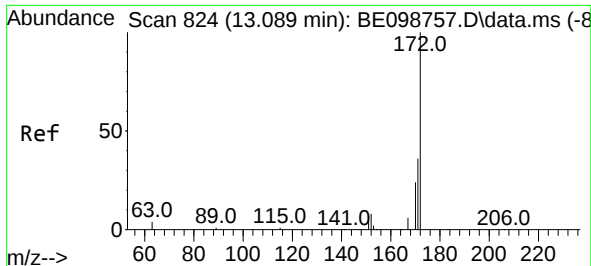
|             |       |            |
|-------------|-------|------------|
| Tgt Ion:164 | Resp: | 3920       |
| Ion Ratio   | Lower | Upper      |
| 164         | 100   |            |
| 162         | 101.2 | 80.5 120.7 |
| 160         | 51.2  | 40.1 60.1  |



#14  
2,4,6-Tribromophenol  
Concen: 0.23 ng  
RT: 15.984 min Scan# 1027  
Delta R.T. 0.002 min  
Lab File: BE098778.D  
Acq: 27 Feb 2019 15:56

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:330 | Resp: | 284        |
| Ion Ratio   | Lower | Upper      |
| 330         | 100   |            |
| 332         | 88.4  | 73.3 109.9 |
| 141         | 45.4  | 33.1 49.7  |

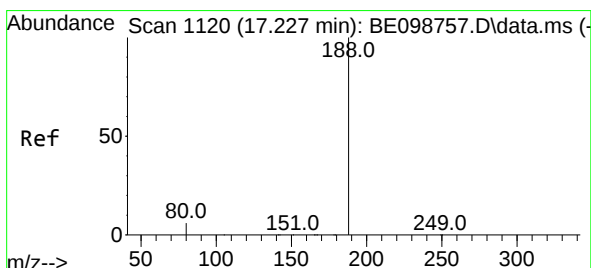
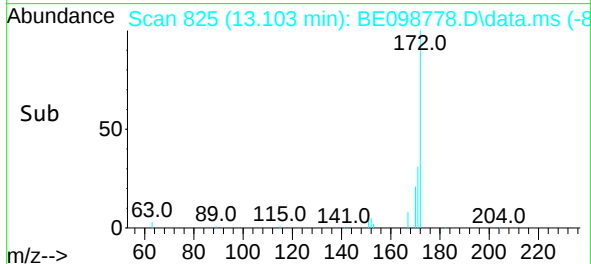
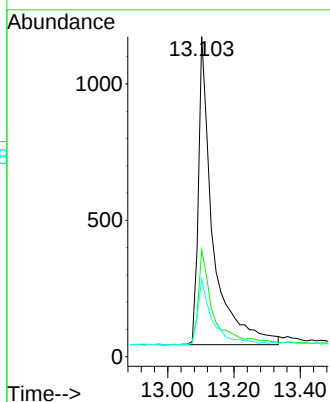
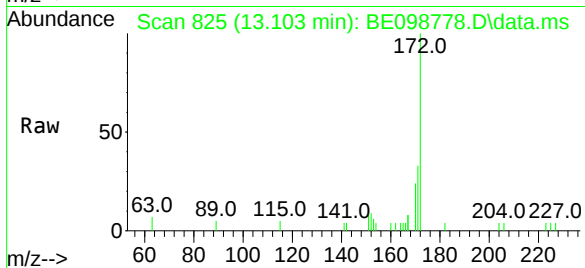




#15  
2-Fluorobiphenyl  
Concen: 0.21 ng  
RT: 13.103 min Scan# 825  
Delta R.T. 0.014 min  
Lab File: BE098778.D  
Acq: 27 Feb 2019 15:56

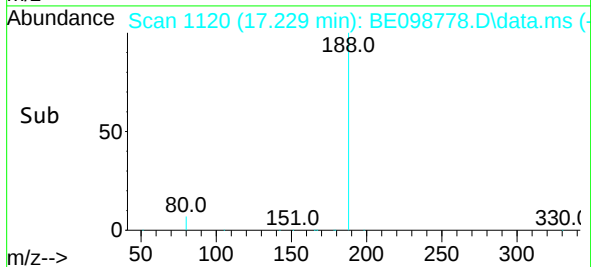
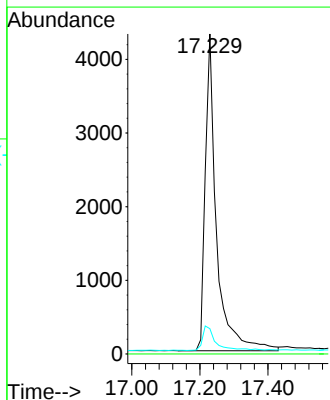
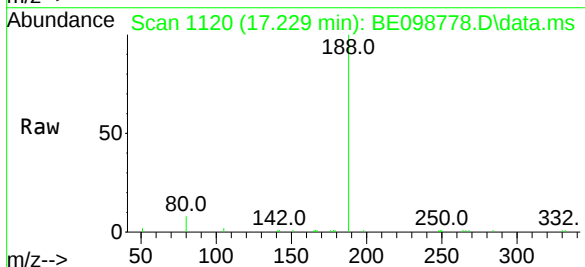
Instrument :  
BNA\_E  
ClientSampleId :  
M2-T1-UV(POST)

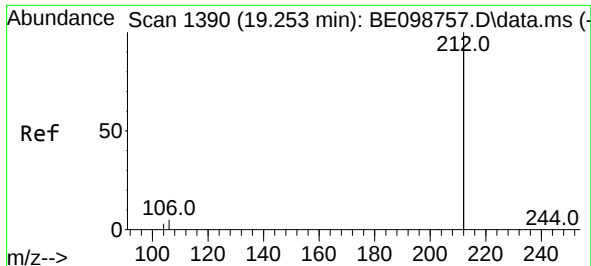
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:172 | Resp: | 3435      |
| Ion Ratio   | Lower | Upper     |
| 172         | 100   |           |
| 171         | 33.3  | 29.0 43.4 |
| 170         | 24.2  | 20.8 31.2 |



#19  
Phenanthrene-d10  
Concen: 0.40 ng  
RT: 17.229 min Scan# 1120  
Delta R.T. 0.002 min  
Lab File: BE098778.D  
Acq: 27 Feb 2019 15:56

|             |       |          |
|-------------|-------|----------|
| Tgt Ion:188 | Resp: | 9843     |
| Ion Ratio   | Lower | Upper    |
| 188         | 100   |          |
| 94          | 0.0   | 0.0 0.0  |
| 80          | 7.9   | 4.7 7.1# |

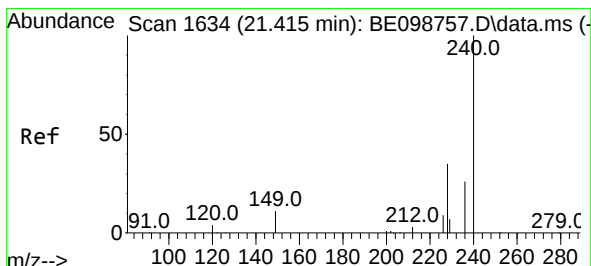
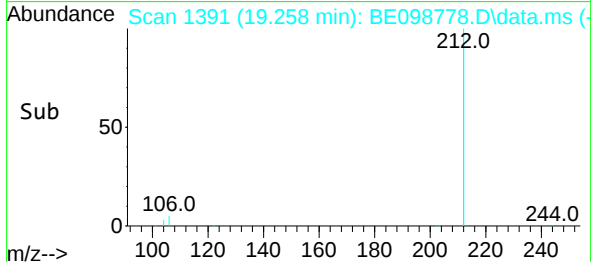
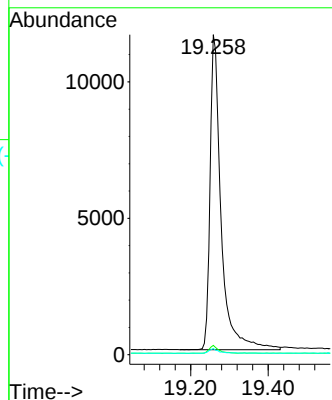
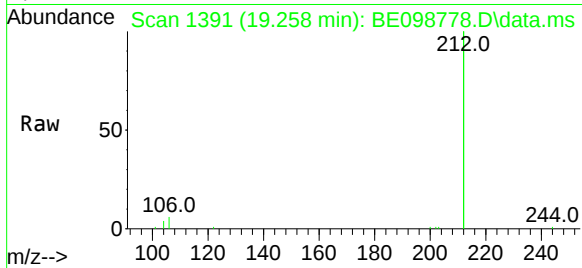




#25  
Fluoranthene-d10  
Concen: 0.16 ng  
RT: 19.258 min Scan# 1391  
Delta R.T. 0.005 min  
Lab File: BE098778.D  
Acq: 27 Feb 2019 15:56

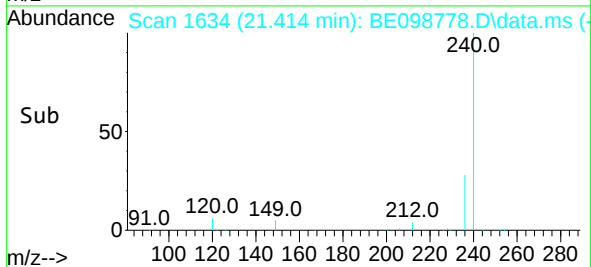
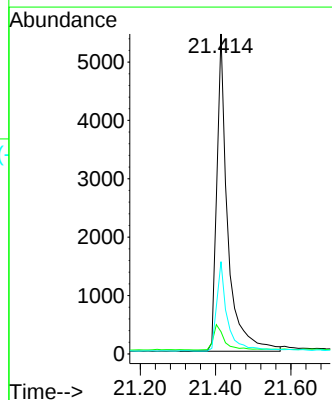
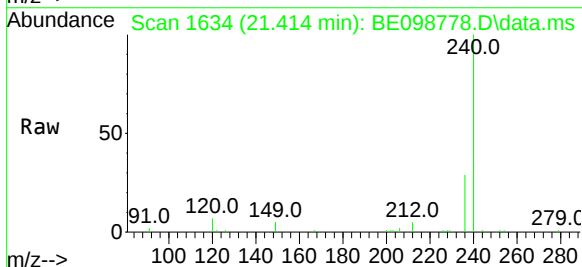
Instrument :  
BNA\_E  
ClientSampleId :  
M2-T1-UV(POST)

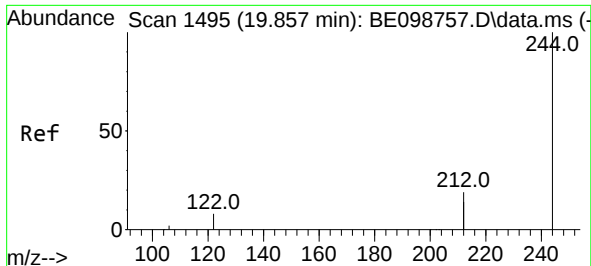
|             |       |         |
|-------------|-------|---------|
| Tgt Ion:212 | Resp: | 22813   |
| Ion Ratio   | Lower | Upper   |
| 212         | 100   |         |
| 106         | 2.2   | 1.7 2.5 |
| 104         | 1.3   | 1.0 1.6 |



#27  
Chrysene-d12  
Concen: 0.40 ng  
RT: 21.414 min Scan# 1634  
Delta R.T. -0.001 min  
Lab File: BE098778.D  
Acq: 27 Feb 2019 15:56

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:240 | Resp: | 10918     |
| Ion Ratio   | Lower | Upper     |
| 240         | 100   |           |
| 120         | 7.0   | 4.7 7.1   |
| 236         | 28.9  | 21.9 32.9 |

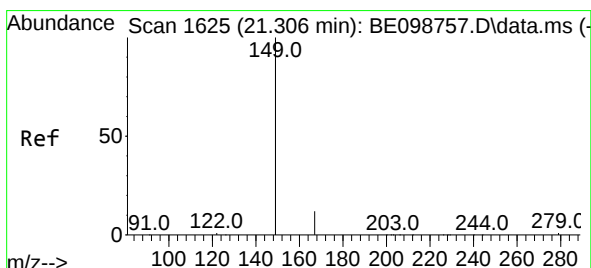
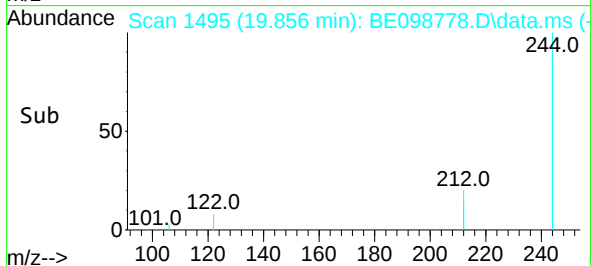
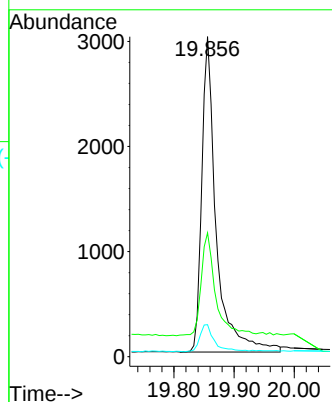
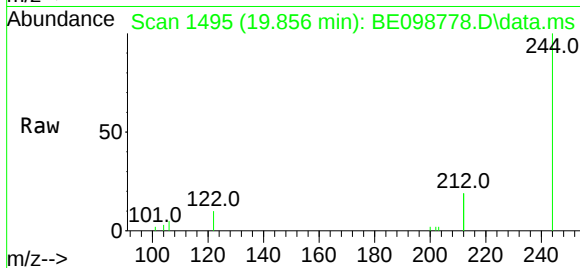




#29  
 Terphenyl-d14  
 Concen: 0.18 ng  
 RT: 19.856 min Scan# 1495  
 Delta R.T. -0.001 min  
 Lab File: BE098778.D  
 Acq: 27 Feb 2019 15:56

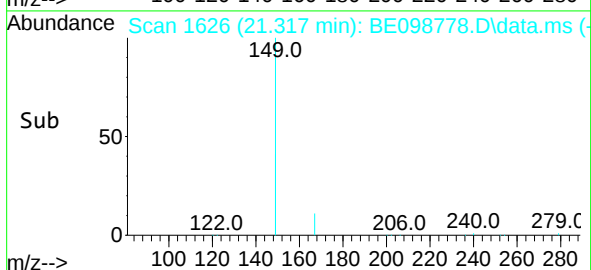
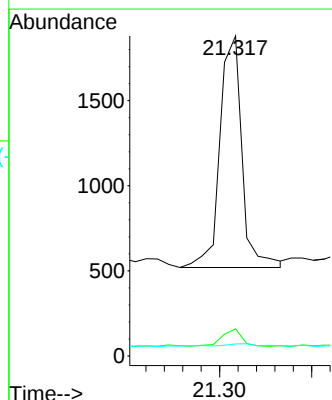
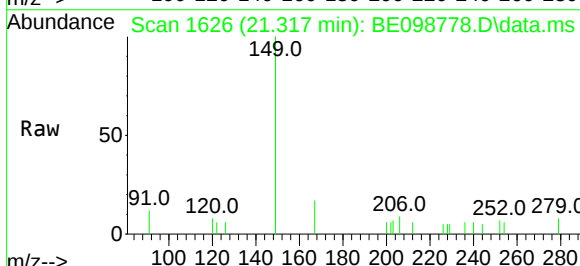
Instrument :  
 BNA\_E  
 ClientSampleId :  
 M2-T1-UV(POST)

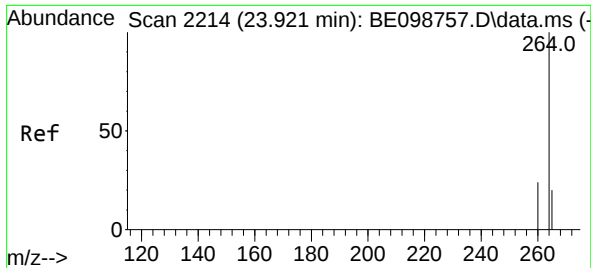
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:244 | Resp: | 5008      |
| Ion Ratio   | Lower | Upper     |
| 244         | 100   |           |
| 212         | 38.7  | 29.4 44.2 |
| 122         | 10.0  | 7.1 10.7  |



#32  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.03 ng  
 RT: 21.317 min Scan# 1626  
 Delta R.T. 0.011 min  
 Lab File: BE098778.D  
 Acq: 27 Feb 2019 15:56

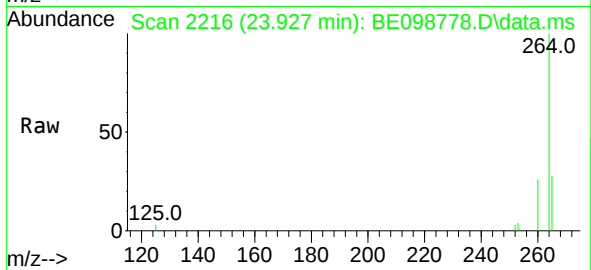
|             |       |          |
|-------------|-------|----------|
| Tgt Ion:149 | Resp: | 2268     |
| Ion Ratio   | Lower | Upper    |
| 149         | 100   |          |
| 167         | 6.7   | 5.4 8.2  |
| 279         | 2.5   | 1.0 1.4# |





#34  
 Perylene-d12  
 Concen: 0.40 ng  
 RT: 23.927 min Scan# 2216  
 Delta R.T. 0.006 min  
 Lab File: BE098778.D  
 Acq: 27 Feb 2019 15:56

Instrument :  
 BNA\_E  
 ClientSampleId :  
 M2-T1-UV(POST)



Tgt Ion:264 Resp: 8703

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 26.4  | 20.5  | 30.7  |
| 265 | 28.1  | 22.3  | 33.5  |

