

Data Path : Z:\svoasrv\HPCHEM1\BNA\_E\Data\BE020119\  
 Data File : BE098688.D  
 Acq On : 1 Feb 2019 11:51  
 Operator : JU/SJ  
 Sample : PB116728BL  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 PB116728BL

Quant Time: Feb 01 14:33:10 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE012419.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jan 24 14:44:44 2019  
 Response via : Initial Calibration

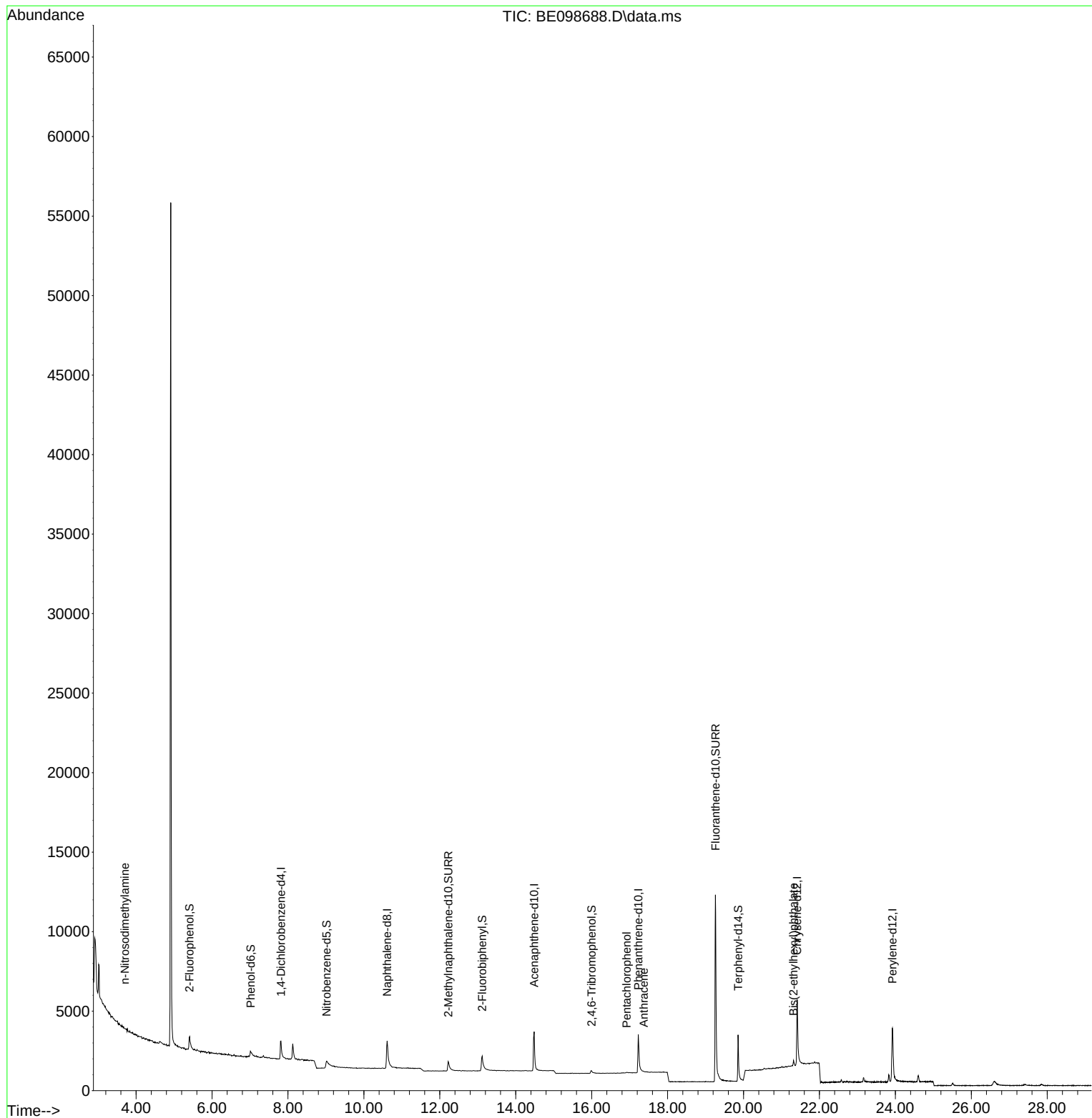
| Compound                      | R.T.   | QIon | Response | Conc | Units | Dev(Min) |
|-------------------------------|--------|------|----------|------|-------|----------|
| -----                         |        |      |          |      |       |          |
| Internal Standards            |        |      |          |      |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.816  | 152  | 874      | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.614 | 136  | 3344     | 0.40 | ng    | # 0.01   |
| 13) Acenaphthene-d10          | 14.485 | 164  | 2243     | 0.40 | ng    | 0.01     |
| 19) Phenanthrene-d10          | 17.228 | 188  | 5617     | 0.40 | ng    | # 0.00   |
| 27) Chrysene-d12              | 21.414 | 240  | 6442     | 0.40 | ng    | # 0.00   |
| 34) Perylene-d12              | 23.923 | 264  | 6600     | 0.40 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |      |       |          |
| 4) 2-Fluorophenol             | 5.409  | 112  | 736      | 0.28 | ng    | 0.01     |
| 5) Phenol-d6                  | 7.022  | 99   | 830      | 0.22 | ng    | 0.02     |
| 8) Nitrobenzene-d5            | 9.016  | 82   | 545      | 0.21 | ng    | 0.04     |
| 11) 2-Methylnaphthalene-d10   | 12.223 | 152  | 1739     | 0.27 | ng    | 0.01     |
| 14) 2,4,6-Tribromophenol      | 15.996 | 330  | 216      | 0.22 | ng    | 0.01     |
| 15) 2-Fluorobiphenyl          | 13.116 | 172  | 2171     | 0.23 | ng    | 0.01     |
| 25) Fluoranthene-d10          | 19.260 | 212  | 22496    | 0.28 | ng    | 0.00     |
| 29) Terphenyl-d14             | 19.857 | 244  | 3781     | 0.24 | ng    | 0.00     |
| Target Compounds              |        |      |          |      |       |          |
| 3) n-Nitrosodimethylamine     | 3.705  | 42   | 30       | 0.07 | ng    | # 13     |
| 22) Pentachlorophenol         | 16.920 | 266  | 55       | 0.06 | ng    | # 77     |
| 24) Anthracene                | 17.375 | 178  | 32       | 0.07 | ng    | # 1      |
| 32) Bis(2-ethylhexyl)phtha... | 21.317 | 149  | 765      | 0.02 | ng    | # 96     |
| -----                         |        |      |          |      |       |          |

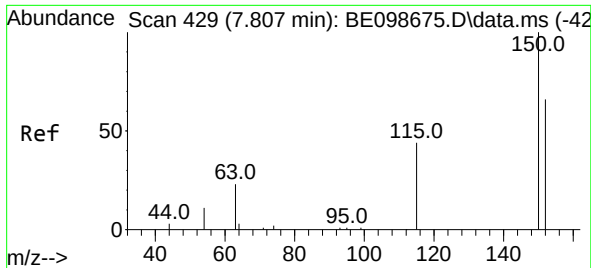
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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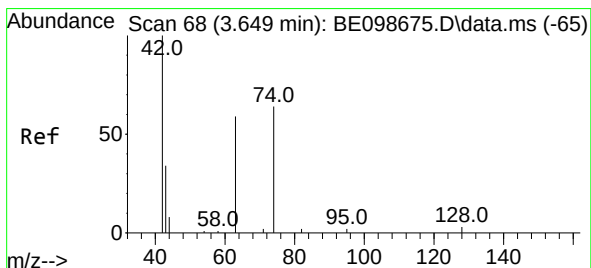
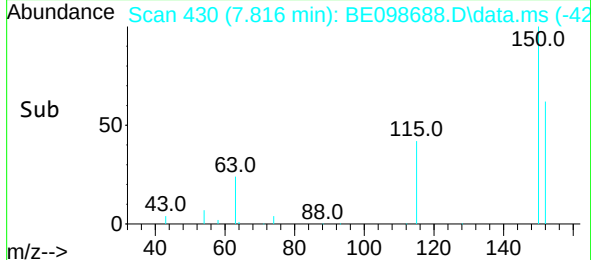
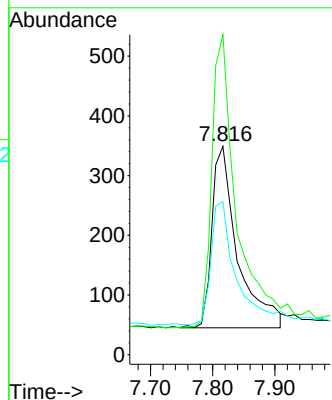
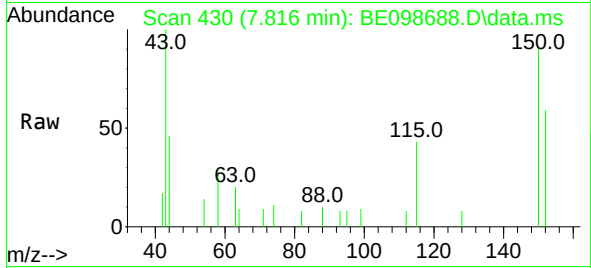




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.40 ng  
 RT: 7.816 min Scan# 430  
 Delta R.T. 0.009 min  
 Lab File: BE098688.D  
 Acq: 1 Feb 2019 11:51

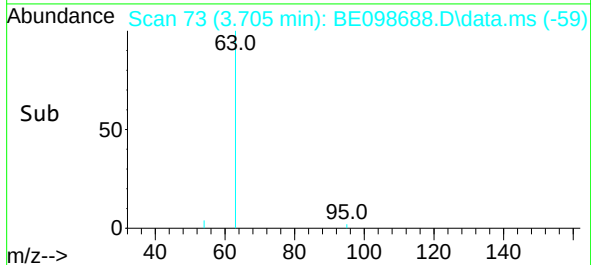
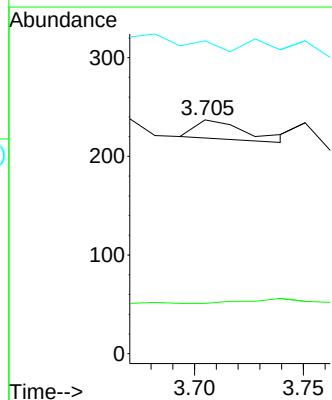
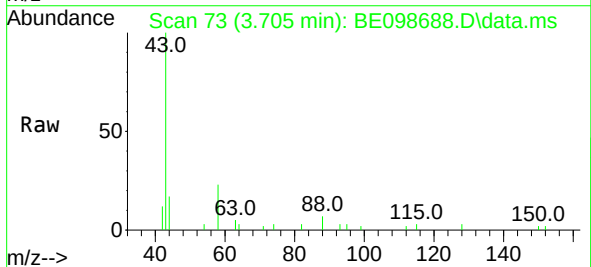
Instrument :  
 BNA\_E  
 ClientSampleId :  
 PB116728BL

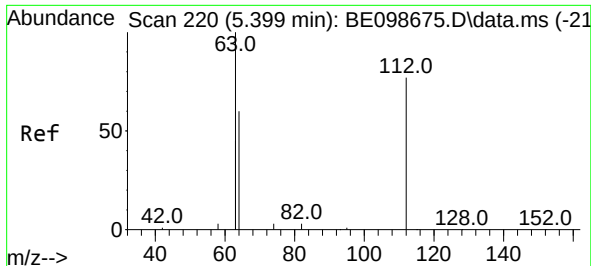
Tgt Ion:152 Resp: 874  
 Ion Ratio Lower Upper  
 152 100  
 150 153.6 121.4 182.2  
 115 73.4 59.1 88.7



#3  
 n-Nitrosodimethylamine  
 Concen: 0.07 ng  
 RT: 3.705 min Scan# 73  
 Delta R.T. 0.056 min  
 Lab File: BE098688.D  
 Acq: 1 Feb 2019 11:51

Tgt Ion: 42 Resp: 30  
 Ion Ratio Lower Upper  
 42 100  
 74 0.0 58.9 88.3#  
 44 0.0 0.0 0.0

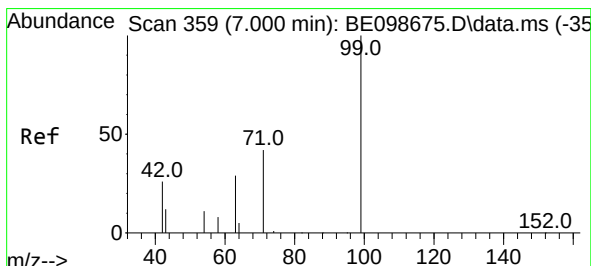
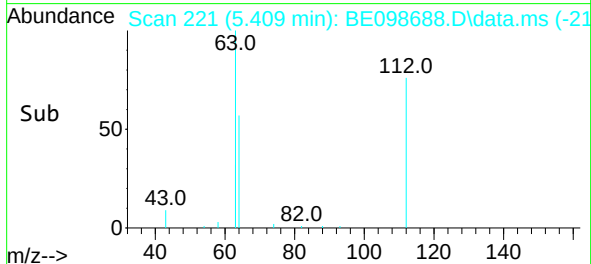
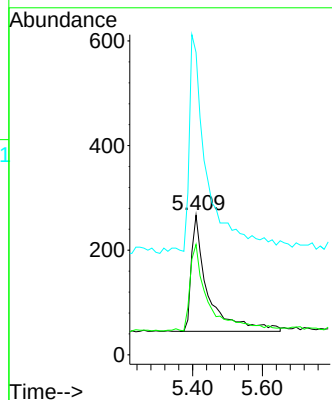
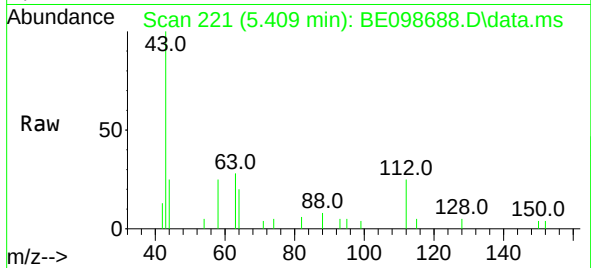




#4  
2-Fluorophenol  
Concen: 0.28 ng  
RT: 5.409 min Scan# 221  
Delta R.T. 0.010 min  
Lab File: BE098688.D  
Acq: 1 Feb 2019 11:51

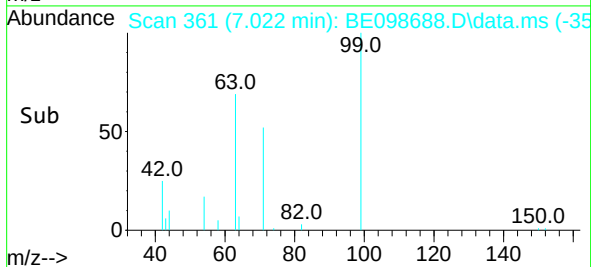
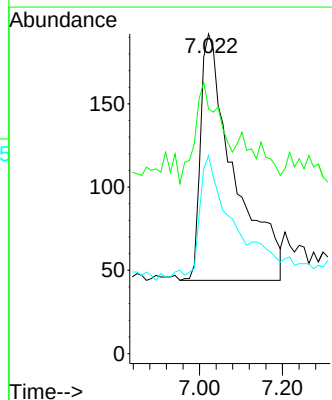
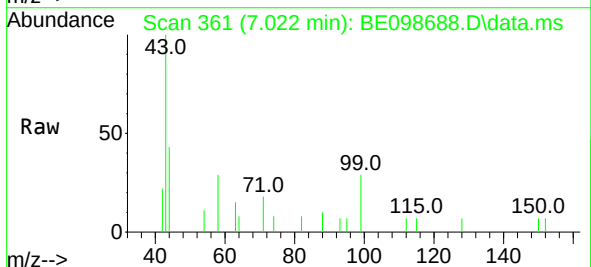
Instrument :  
BNA\_E  
ClientSampleId :  
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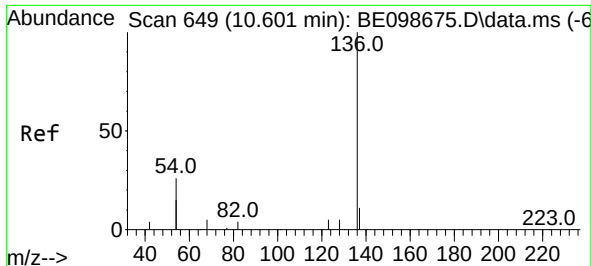
Tgt Ion:112 Resp: 736  
Ion Ratio Lower Upper  
112 100  
64 79.1 62.9 94.3  
63 195.7 152.2 228.4



#5  
Phenol-d6  
Concen: 0.22 ng  
RT: 7.022 min Scan# 361  
Delta R.T. 0.022 min  
Lab File: BE098688.D  
Acq: 1 Feb 2019 11:51

Tgt Ion: 99 Resp: 830  
Ion Ratio Lower Upper  
99 100  
42 31.1 24.6 37.0  
71 47.6 35.1 52.7

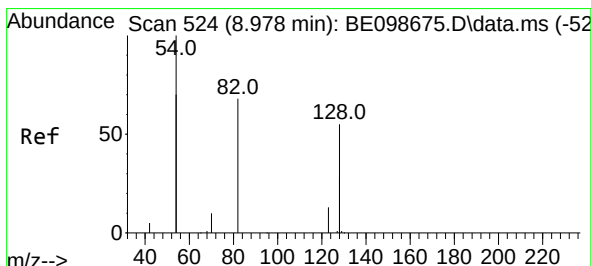
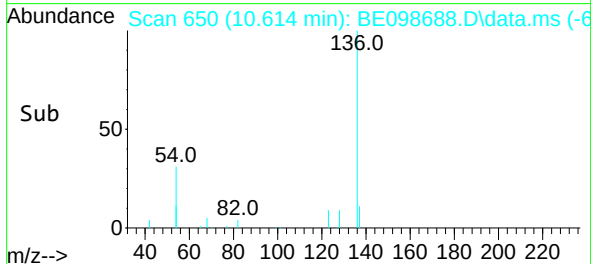
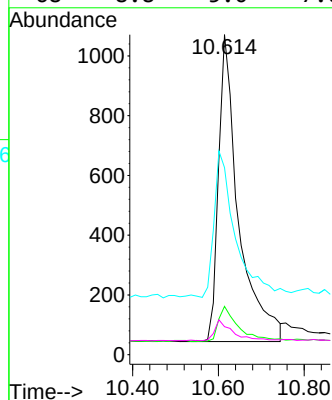
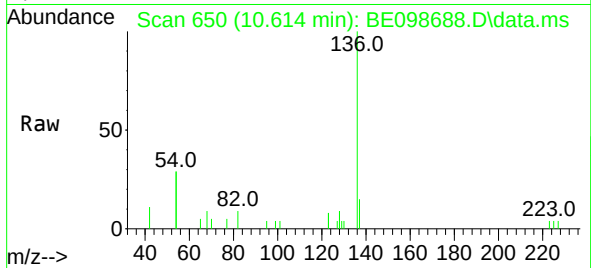




#7  
Naphthalene-d8  
Concen: 0.40 ng  
RT: 10.614 min Scan# 650  
Delta R.T. 0.013 min  
Lab File: BE098688.D  
Acq: 1 Feb 2019 11:51

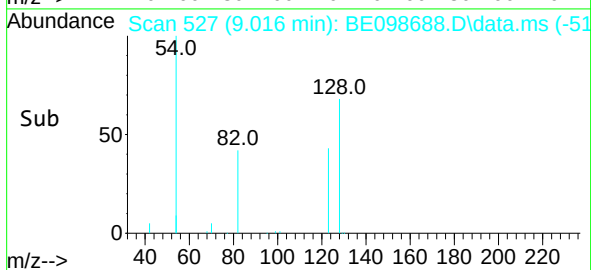
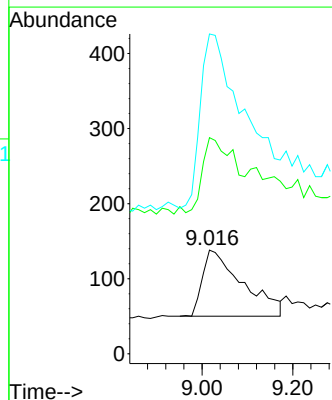
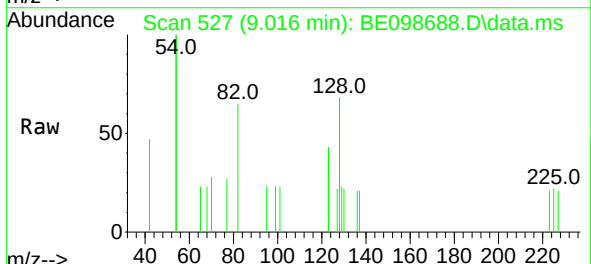
Instrument :  
BNA\_E  
ClientSampleId :  
PB116728BL

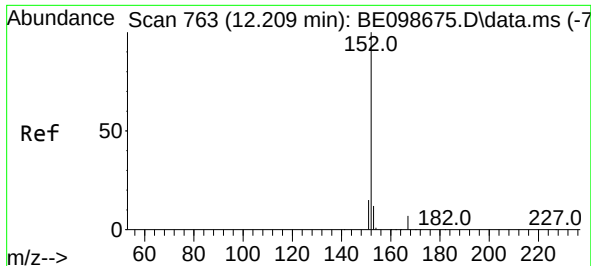
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 3344  |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 15.1  | 9.7   | 14.5# |
| 54        | 58.5  | 35.5  | 53.3# |
| 68        | 8.8   | 5.0   | 7.6#  |



#8  
Nitrobenzene-d5  
Concen: 0.21 ng  
RT: 9.016 min Scan# 527  
Delta R.T. 0.038 min  
Lab File: BE098688.D  
Acq: 1 Feb 2019 11:51

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 82    | Resp: | 545    |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 208.7 | 96.5  | 144.7# |
| 54        | 308.7 | 224.7 | 337.1  |

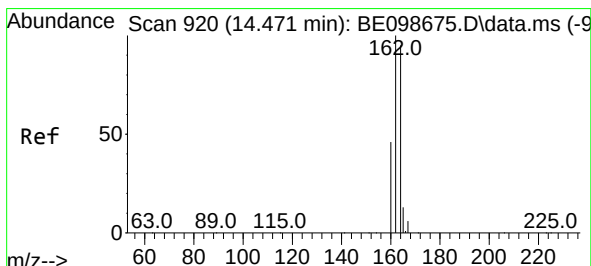
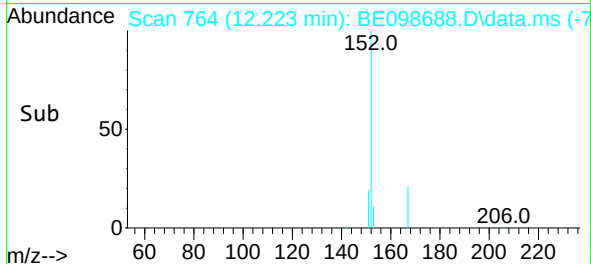
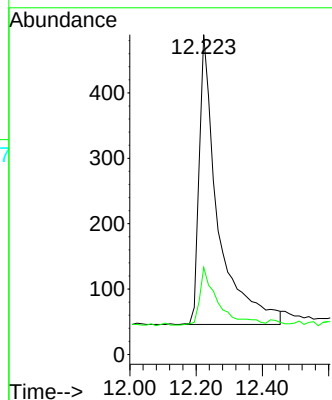
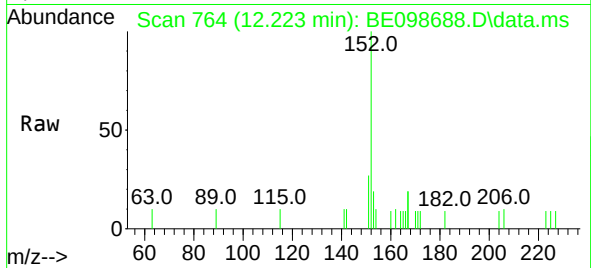




#11  
2-Methylnaphthalene-d10  
Concen: 0.27 ng  
RT: 12.223 min Scan# 764  
Delta R.T. 0.014 min  
Lab File: BE098688.D  
Acq: 1 Feb 2019 11:51

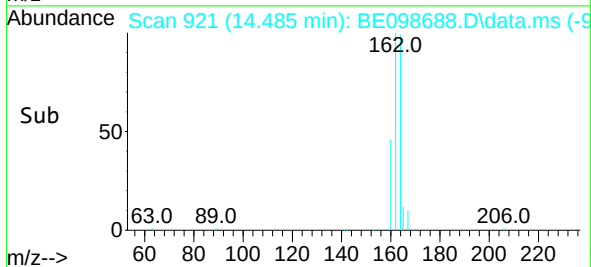
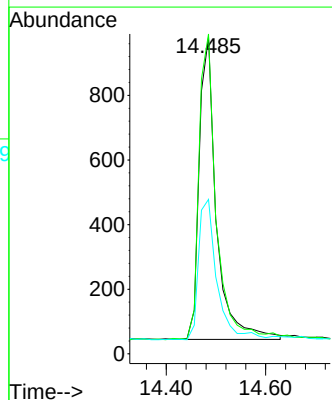
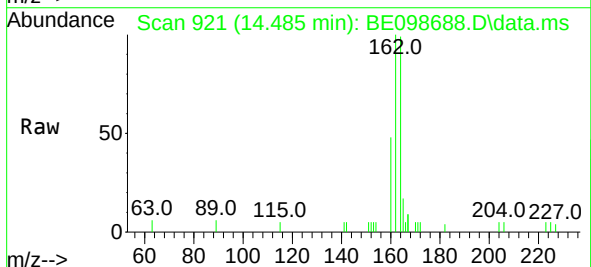
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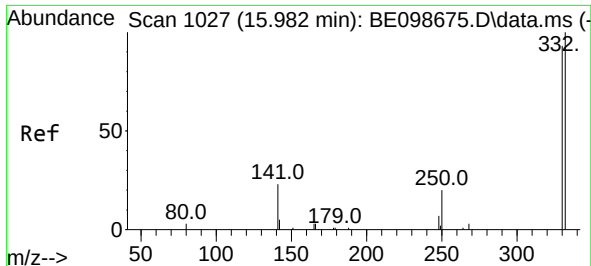
Tgt Ion:152 Resp: 1739  
Ion Ratio Lower Upper  
152 100  
151 19.0 16.2 24.4



#13  
Acenaphthene-d10  
Concen: 0.40 ng  
RT: 14.485 min Scan# 921  
Delta R.T. 0.014 min  
Lab File: BE098688.D  
Acq: 1 Feb 2019 11:51

Tgt Ion:164 Resp: 2243  
Ion Ratio Lower Upper  
164 100  
162 101.0 80.5 120.7  
160 48.8 40.1 60.1

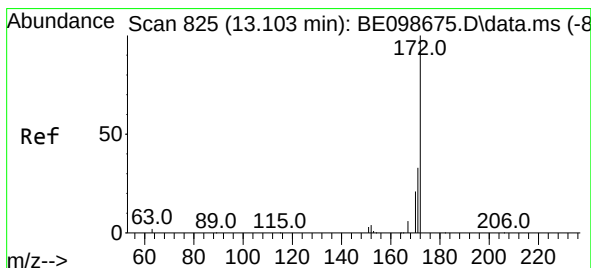
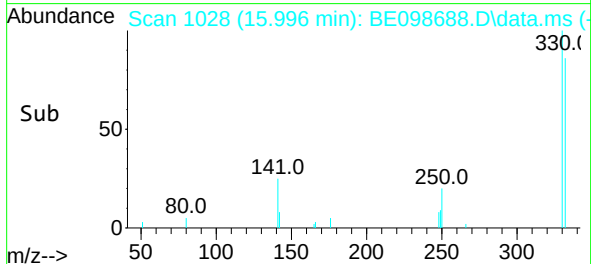
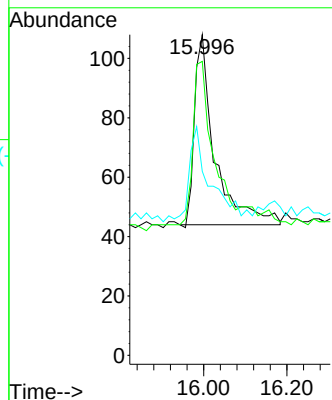
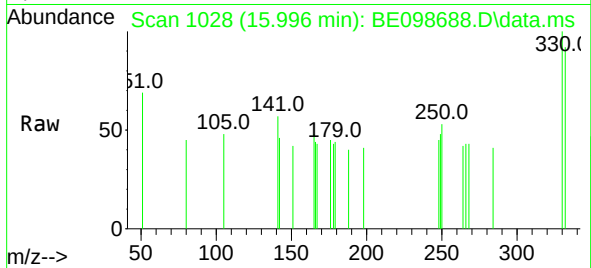




#14  
2,4,6-Tribromophenol  
Concen: 0.22 ng  
RT: 15.996 min Scan# 1028  
Delta R.T. 0.014 min  
Lab File: BE098688.D  
Acq: 1 Feb 2019 11:51

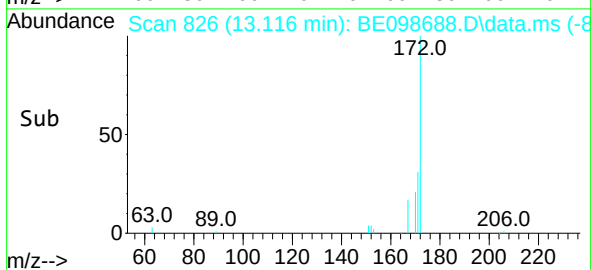
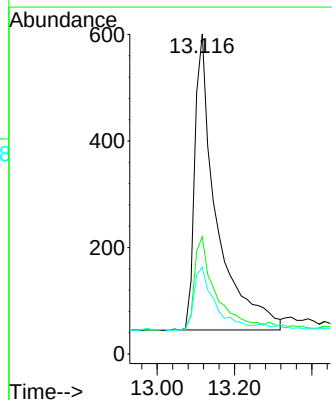
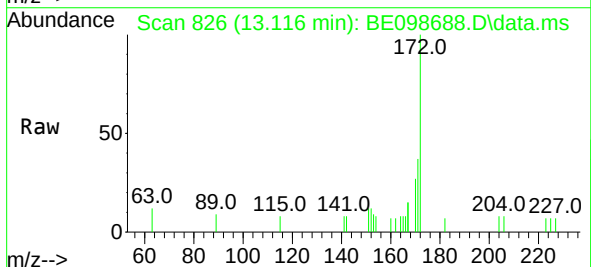
Instrument :  
BNA\_E  
ClientSampleId :  
PB116728BL

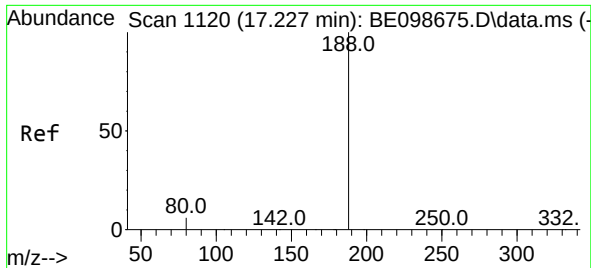
Tgt Ion: 330 Resp: 216  
Ion Ratio Lower Upper  
330 100  
332 96.8 73.3 109.9  
141 47.7 33.1 49.7



#15  
2-Fluorobiphenyl  
Concen: 0.23 ng  
RT: 13.116 min Scan# 826  
Delta R.T. 0.013 min  
Lab File: BE098688.D  
Acq: 1 Feb 2019 11:51

Tgt Ion: 172 Resp: 2171  
Ion Ratio Lower Upper  
172 100  
171 36.6 29.0 43.4  
170 27.1 20.8 31.2

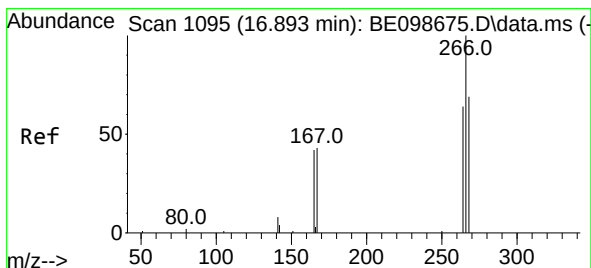
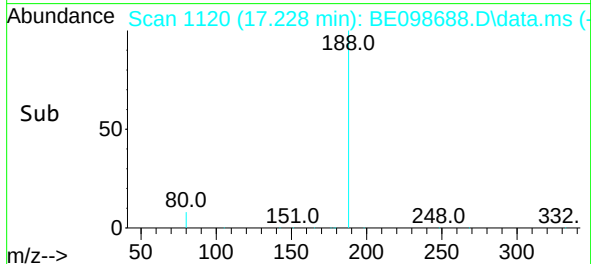
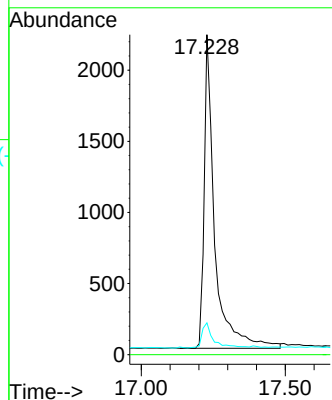
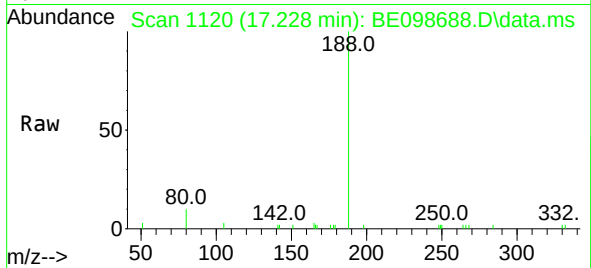




#19  
Phenanthrene-d10  
Concen: 0.40 ng  
RT: 17.228 min Scan# 1120  
Delta R.T. 0.001 min  
Lab File: BE098688.D  
Acq: 1 Feb 2019 11:51

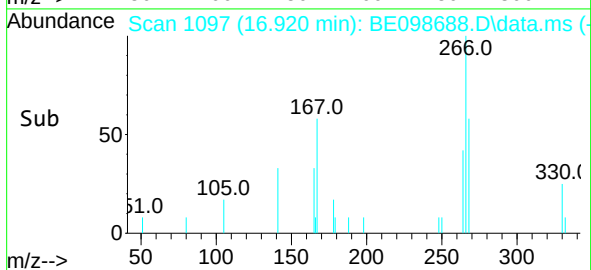
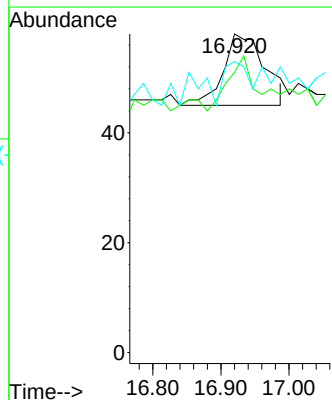
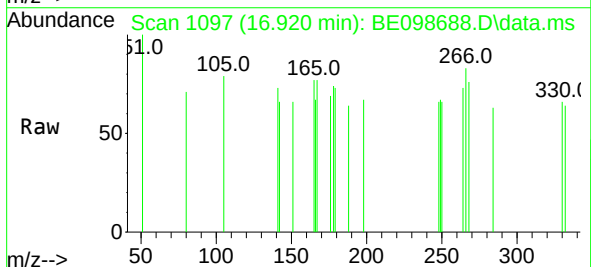
Instrument :  
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PB116728BL

Tgt Ion:188 Resp: 5617  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 10.0 4.7 7.1#

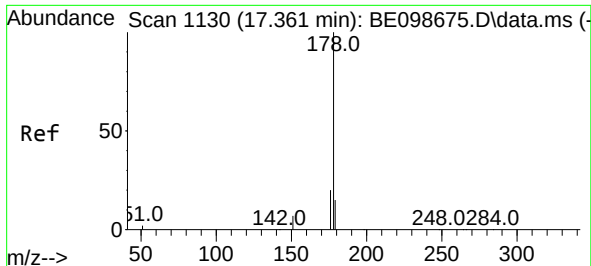


#22  
Pentachlorophenol  
Concen: 0.06 ng  
RT: 16.920 min Scan# 1097  
Delta R.T. 0.027 min  
Lab File: BE098688.D  
Acq: 1 Feb 2019 11:51

Tgt Ion:266 Resp: 55  
Ion Ratio Lower Upper  
266 100  
264 87.9 53.7 80.5#  
268 91.4 59.8 89.8#



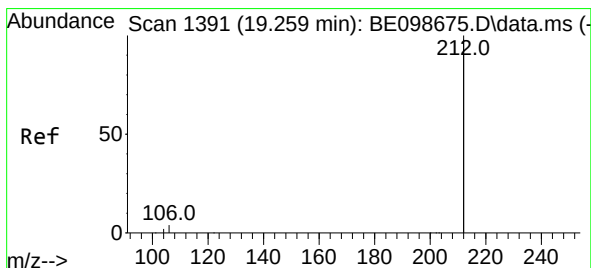
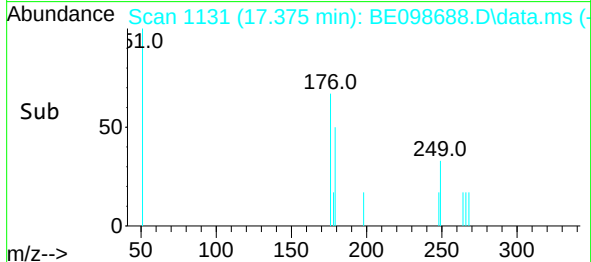
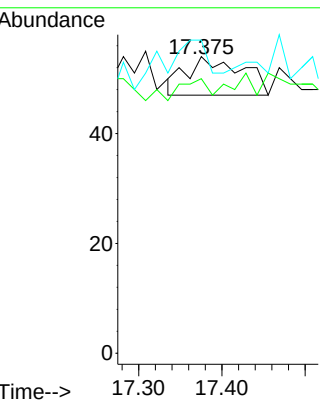
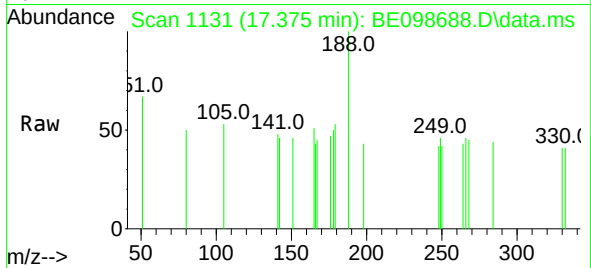




#24  
 Anthracene  
 Concen: 0.07 ng  
 RT: 17.375 min Scan# 1131  
 Delta R.T. 0.014 min  
 Lab File: BE098688.D  
 Acq: 1 Feb 2019 11:51

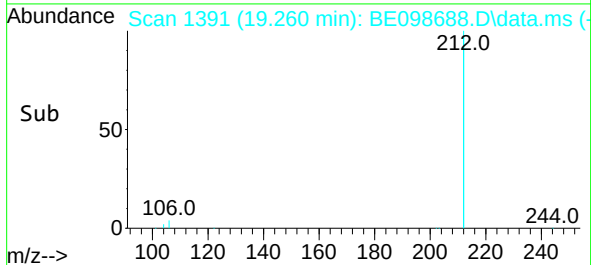
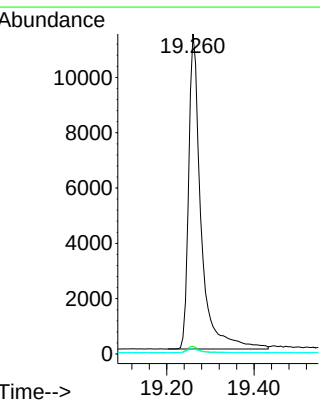
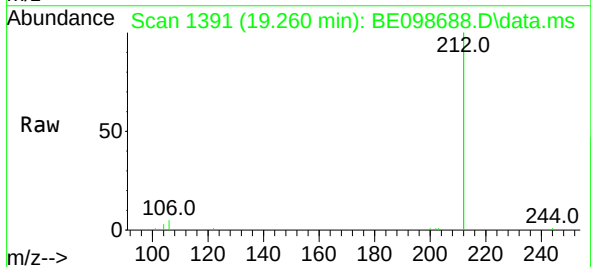
Instrument :  
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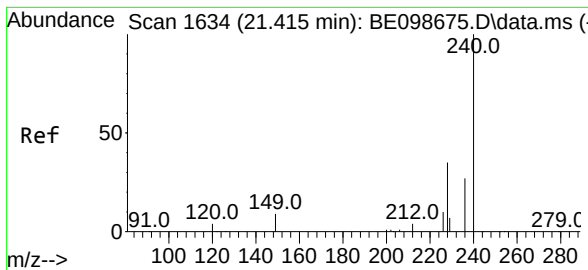
Tgt Ion:178 Resp: 32  
 Ion Ratio Lower Upper  
 178 100  
 176 31.3 14.9 22.3#  
 179 109.4 11.8 17.8#



#25  
 Fluoranthene-d10  
 Concen: 0.28 ng  
 RT: 19.260 min Scan# 1391  
 Delta R.T. 0.001 min  
 Lab File: BE098688.D  
 Acq: 1 Feb 2019 11:51

Tgt Ion:212 Resp: 22496  
 Ion Ratio Lower Upper  
 212 100  
 106 1.9 1.7 2.5  
 104 1.2 1.0 1.6

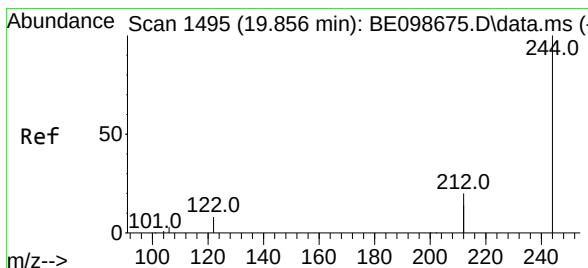
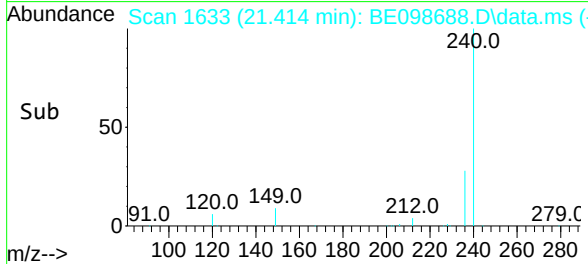
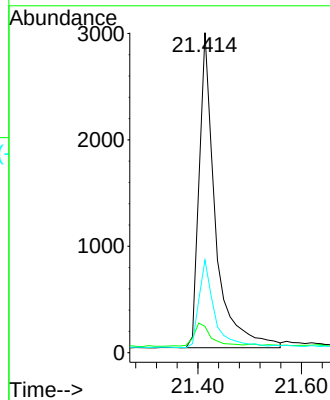
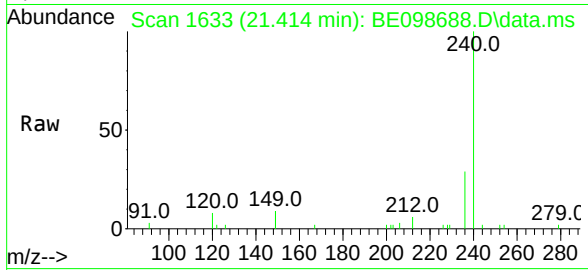




#27  
Chrysene-d12  
Concen: 0.40 ng  
RT: 21.414 min Scan# 1633  
Delta R.T. -0.001 min  
Lab File: BE098688.D  
Acq: 1 Feb 2019 11:51

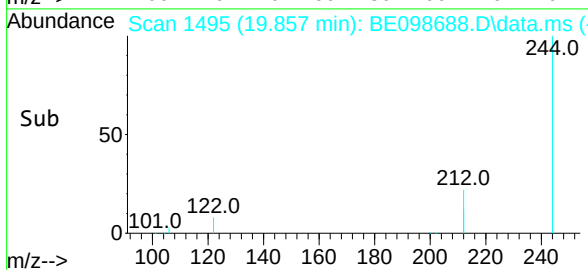
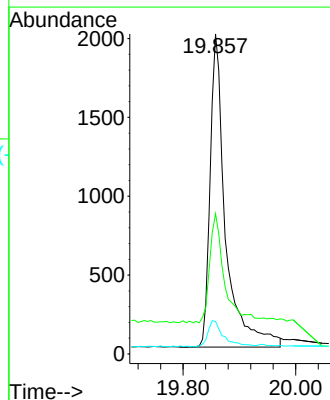
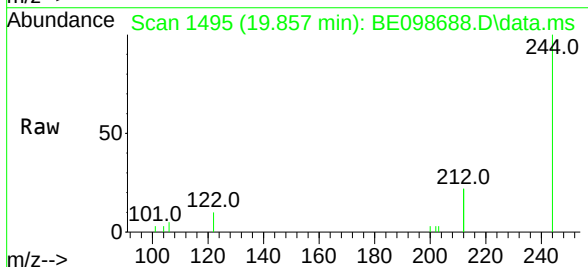
Instrument :  
BNA\_E  
ClientSampleId :  
PB116728BL

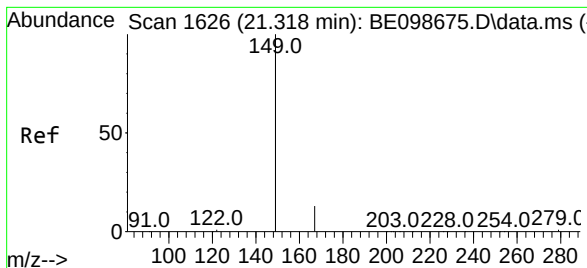
Tgt Ion:240 Resp: 6442  
Ion Ratio Lower Upper  
240 100  
120 8.2 4.7 7.1#  
236 29.0 21.9 32.9



#29  
Terphenyl-d14  
Concen: 0.24 ng  
RT: 19.857 min Scan# 1495  
Delta R.T. 0.001 min  
Lab File: BE098688.D  
Acq: 1 Feb 2019 11:51

Tgt Ion:244 Resp: 3781  
Ion Ratio Lower Upper  
244 100  
212 43.9 29.4 44.2  
122 10.2 7.1 10.7

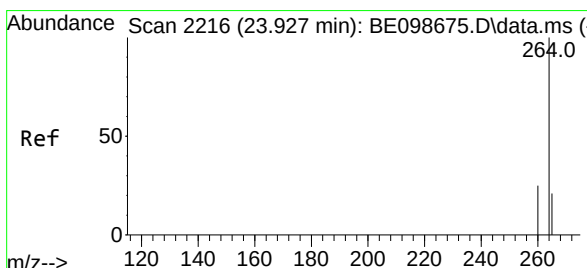
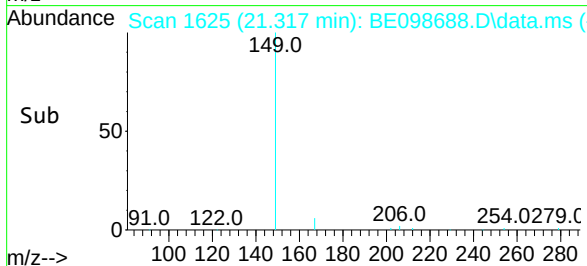
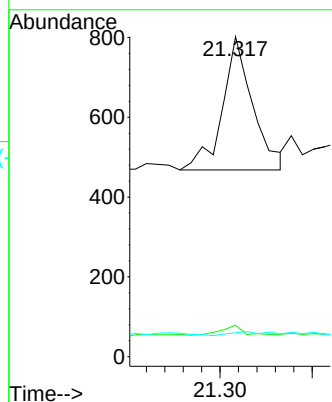
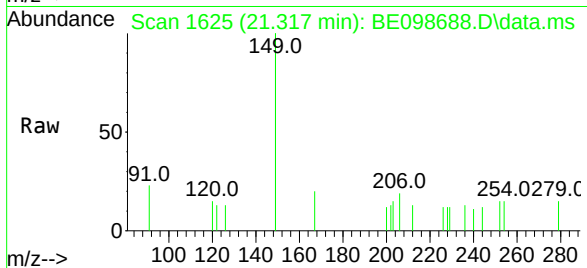




#32  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.02 ng  
 RT: 21.317 min Scan# 1625  
 Delta R.T. -0.001 min  
 Lab File: BE098688.D  
 Acq: 1 Feb 2019 11:51

Instrument :  
 BNA\_E  
 ClientSampleId :  
 PB116728BL

Tgt Ion:149 Resp: 765  
 Ion Ratio Lower Upper  
 149 100  
 167 5.4 5.4 8.2#  
 279 3.7 1.0 1.4#



#34  
 Perylene-d12  
 Concen: 0.40 ng  
 RT: 23.923 min Scan# 2214  
 Delta R.T. -0.004 min  
 Lab File: BE098688.D  
 Acq: 1 Feb 2019 11:51

Tgt Ion:264 Resp: 6600  
 Ion Ratio Lower Upper  
 264 100  
 260 25.4 20.5 30.7  
 265 27.7 22.3 33.5

