

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN070522\  
 Data File : BN020662.D  
 Acq On : 05 Jul 2022 15:44  
 Operator : CG/JU  
 Sample : N3458-11DL 2X  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE120D1-20220622DL

Quant Time: Jul 06 01:03:10 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN062622.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Jul 02 03:10:12 2022  
 Response via : Initial Calibration

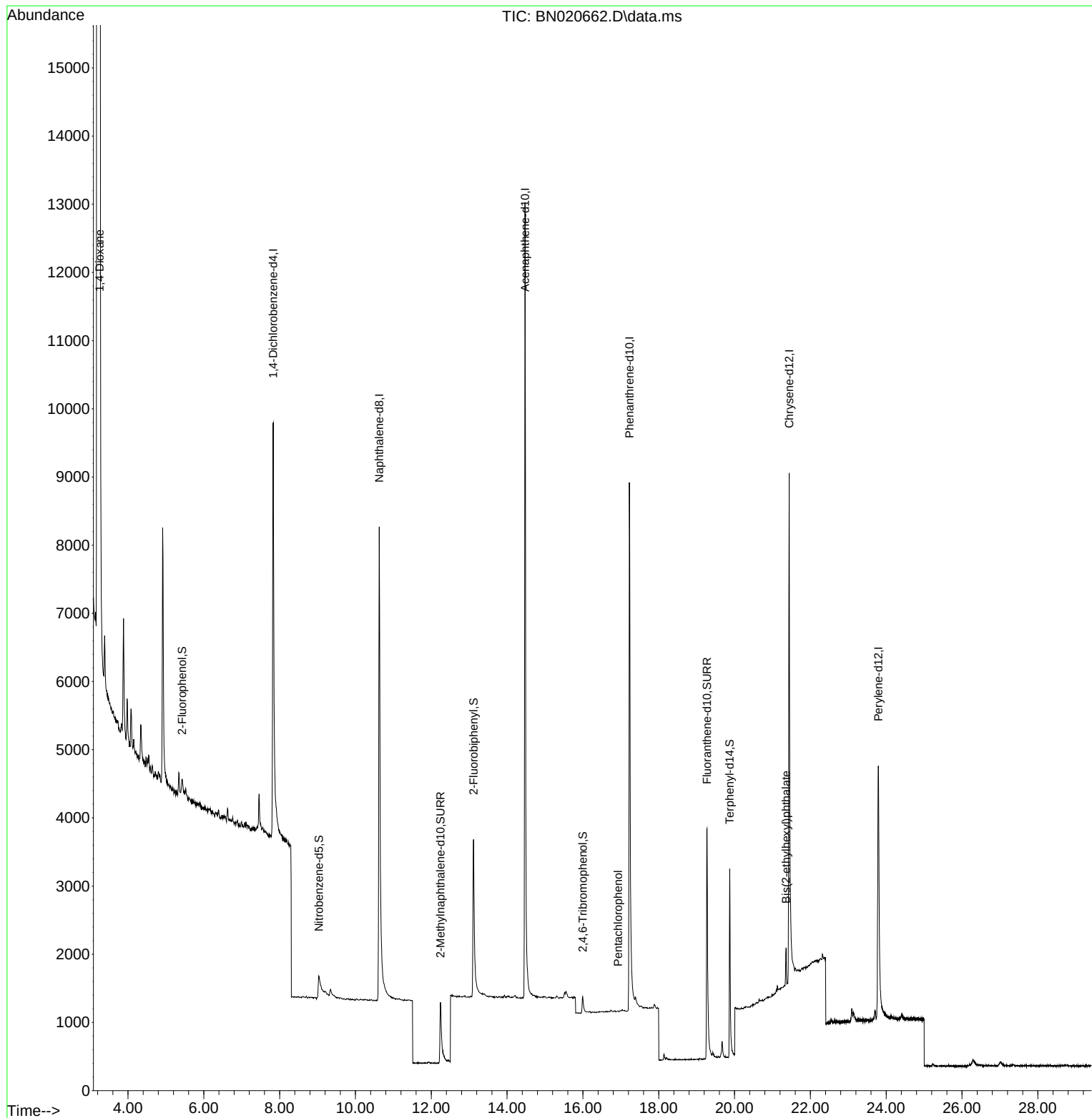
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.833  | 152  | 4824     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.626 | 136  | 13910    | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.474 | 164  | 7942     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.225 | 188  | 15345    | 0.400 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.440 | 240  | 9620     | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.793 | 264  | 7236     | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.428  | 112  | 426      | 0.032 | ng    | 0.01     |
| 5) Phenol-d6                  | 7.096  | 99   | 171      | 0.011 | ng    | 0.07     |
| 8) Nitrobenzene-d5            | 9.035  | 82   | 749      | 0.066 | ng    | 0.04     |
| 11) 2-Methylnaphthalene-d10   | 12.242 | 152  | 2409     | 0.101 | ng    | 0.02     |
| 14) 2,4,6-Tribromophenol      | 15.995 | 330  | 201      | 0.067 | ng    | 0.02     |
| 15) 2-Fluorobiphenyl          | 13.116 | 172  | 3214     | 0.098 | ng    | 0.01     |
| 27) Fluoranthene-d10          | 19.274 | 212  | 5514     | 0.121 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.872 | 244  | 3944     | 0.172 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 2) 1,4-Dioxane                | 3.254  | 88   | 15934    | 2.520 | ng    | 94       |
| 24) Pentachlorophenol         | 16.928 | 266  | 9        | 0.187 | ng    | # 66     |
| 34) Bis(2-ethylhexyl)phtha... | 21.360 | 149  | 570      | 0.029 | ng    | # 97     |

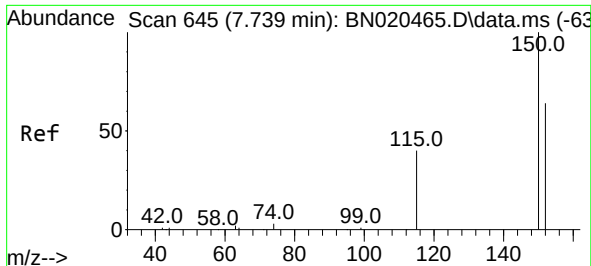
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN070522\  
Data File : BN020662.D  
Acq On : 05 Jul 2022 15:44  
Operator : CG/JU  
Sample : N3458-11DL 2X  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
RE120D1-20220622DL

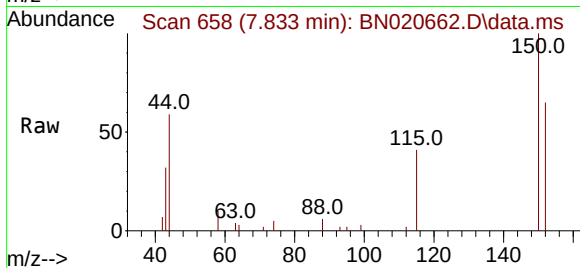
Quant Time: Jul 06 01:03:10 2022  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN062622.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Jul 02 03:10:12 2022  
Response via : Initial Calibration



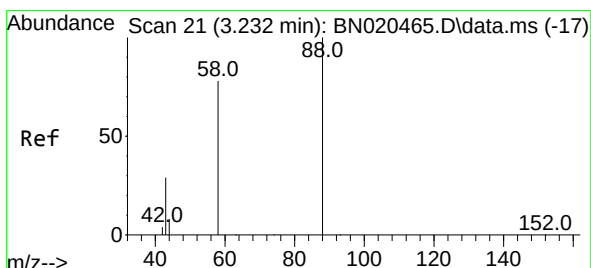
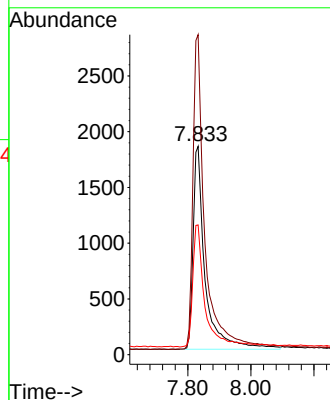
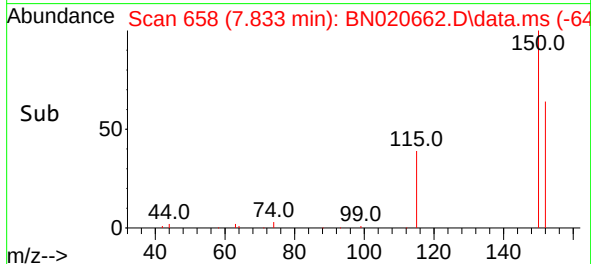


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.833 min Scan# 61  
 Delta R.T. 0.008 min  
 Lab File: BN020662.D  
 Acq: 05 Jul 2022 15:44

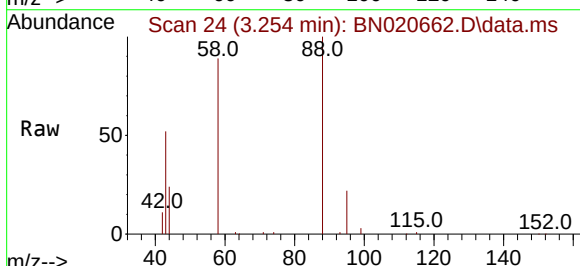
Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE120D1-20220622DL



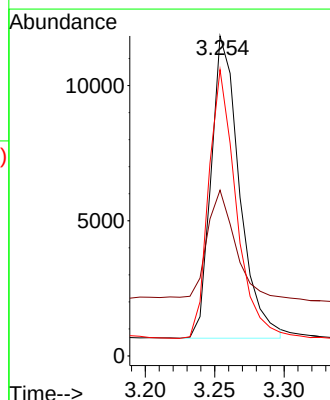
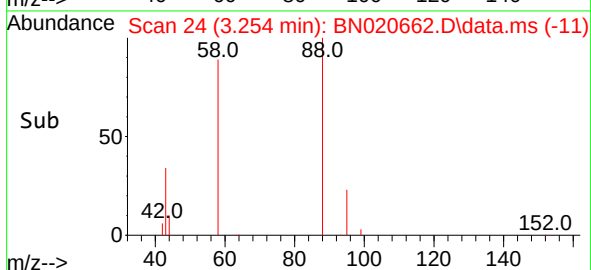
Tgt Ion:152 Resp: 4824  
 Ion Ratio Lower Upper  
 152 100  
 150 153.6 127.9 191.9  
 115 62.3 51.4 77.2

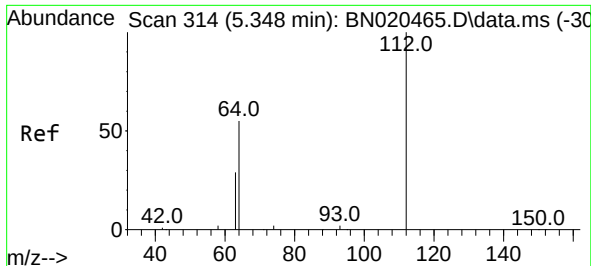


#2  
 1,4-Dioxane  
 Concen: 2.520 ng  
 RT: 3.254 min Scan# 24  
 Delta R.T. -0.007 min  
 Lab File: BN020662.D  
 Acq: 05 Jul 2022 15:44



Tgt Ion: 88 Resp: 15934  
 Ion Ratio Lower Upper  
 88 100  
 43 33.8 30.2 45.2  
 58 85.6 73.0 109.6

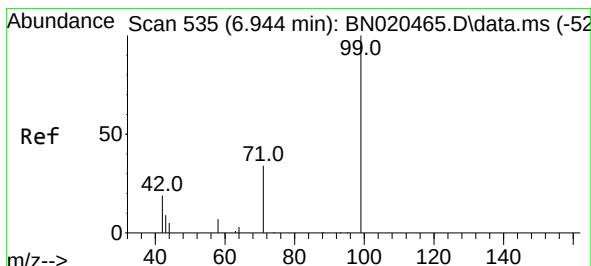
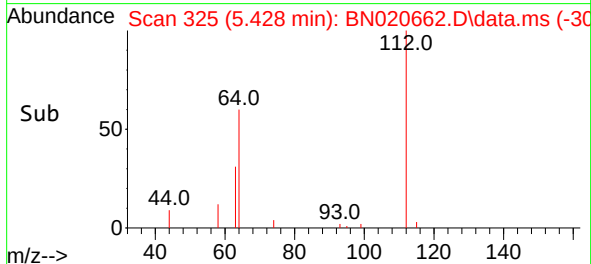
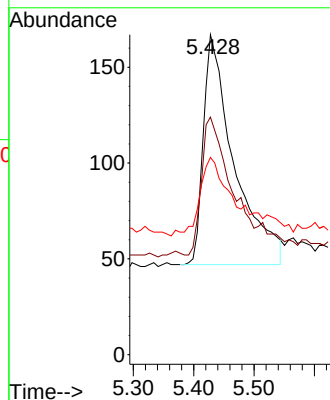
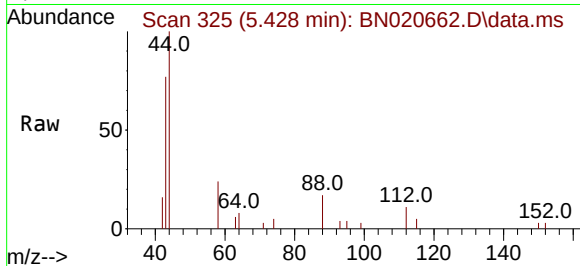




#4  
2-Fluorophenol  
Concen: 0.032 ng  
RT: 5.428 min Scan# 314  
Delta R.T. 0.015 min  
Lab File: BN020662.D  
Acq: 05 Jul 2022 15:44

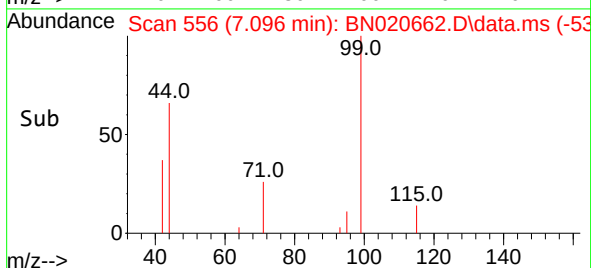
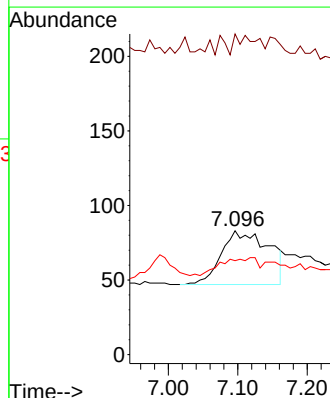
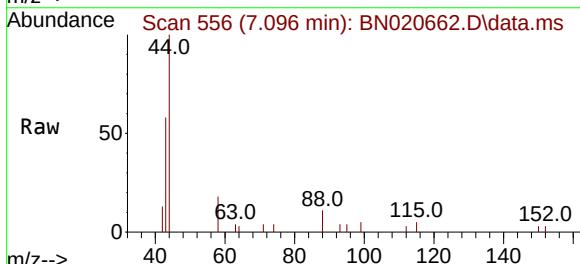
Instrument :  
BNA\_N  
ClientSampleId :  
RE120D1-20220622DL

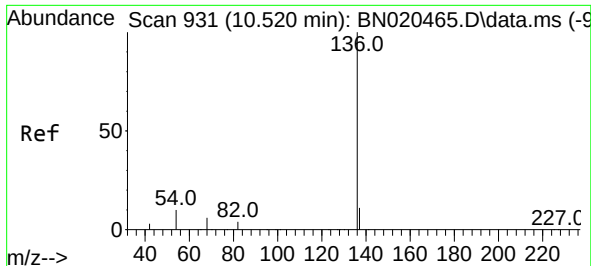
Tgt Ion:112 Resp: 426  
Ion Ratio Lower Upper  
112 100  
64 64.3 49.1 73.7  
63 40.6 26.3 39.5#



#5  
Phenol-d6  
Concen: 0.011 ng  
RT: 7.096 min Scan# 556  
Delta R.T. 0.065 min  
Lab File: BN020662.D  
Acq: 05 Jul 2022 15:44

Tgt Ion: 99 Resp: 171  
Ion Ratio Lower Upper  
99 100  
42 17.0 19.3 28.9#  
71 0.0 27.5 41.3#

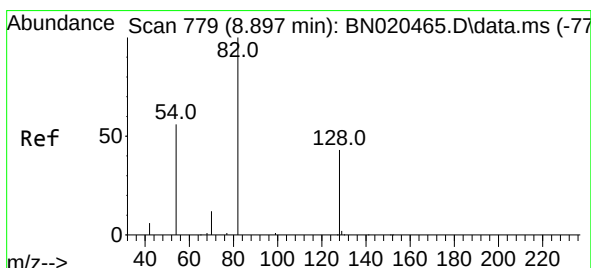
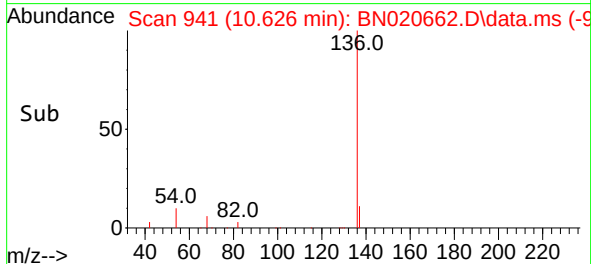
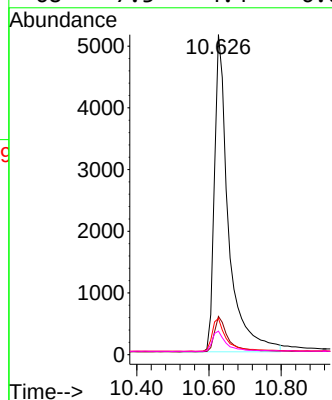
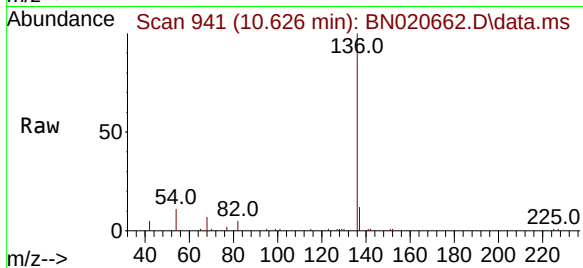




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.626 min Scan# 941  
Delta R.T. 0.000 min  
Lab File: BN020662.D  
Acq: 05 Jul 2022 15:44

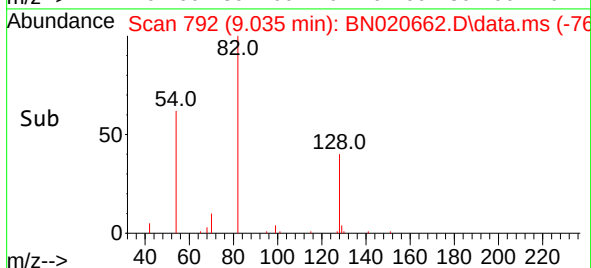
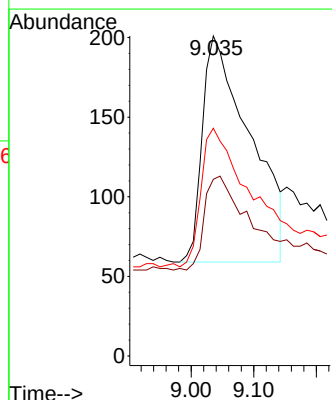
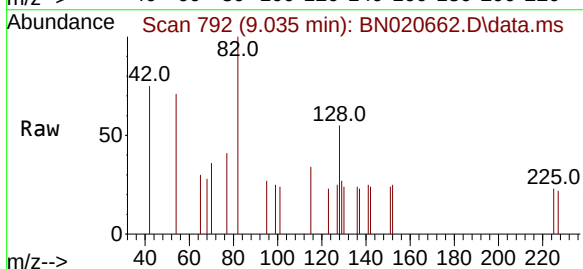
Instrument :  
BNA\_N  
ClientSampleId :  
RE120D1-20220622DL

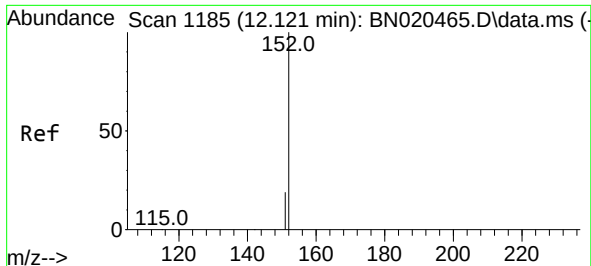
|             |       |          |
|-------------|-------|----------|
| Tgt Ion:136 | Resp: | 13910    |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 11.9  | 9.0 13.6 |
| 54          | 11.4  | 6.2 9.2# |
| 68          | 7.3   | 4.4 6.6# |



#8  
Nitrobenzene-d5  
Concen: 0.066 ng  
RT: 9.035 min Scan# 792  
Delta R.T. 0.043 min  
Lab File: BN020662.D  
Acq: 05 Jul 2022 15:44

|             |       |            |
|-------------|-------|------------|
| Tgt Ion: 82 | Resp: | 749        |
| Ion Ratio   | Lower | Upper      |
| 82          | 100   |            |
| 128         | 55.2  | 35.0 52.6# |
| 54          | 71.1  | 46.2 69.4# |

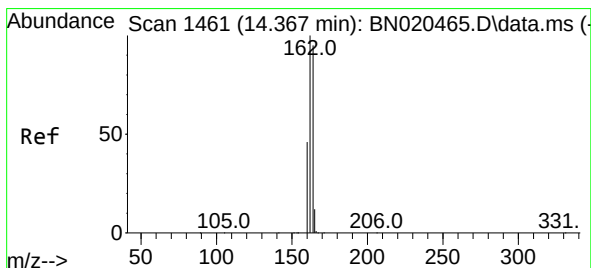
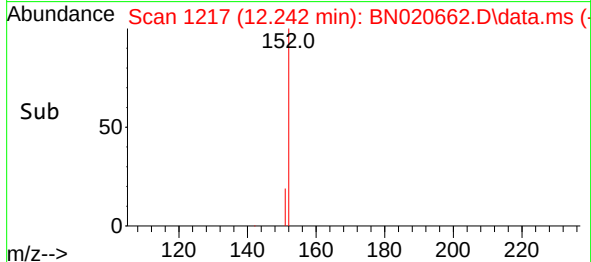
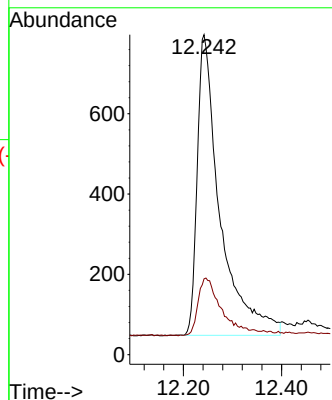
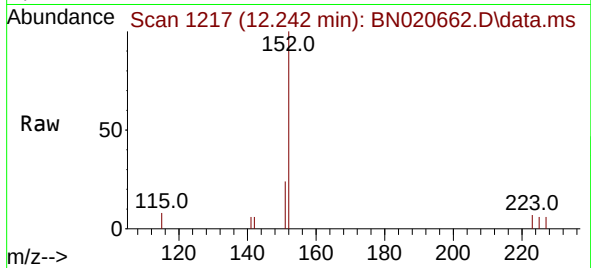




#11  
2-Methylnaphthalene-d10  
Concen: 0.101 ng  
RT: 12.242 min Scan# 1185  
Delta R.T. 0.015 min  
Lab File: BN020662.D  
Acq: 05 Jul 2022 15:44

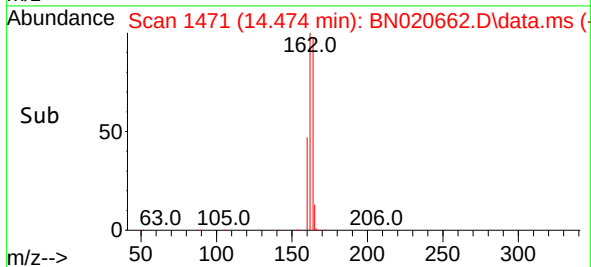
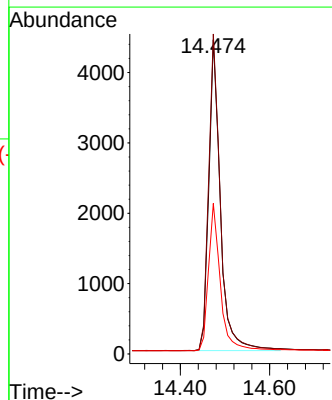
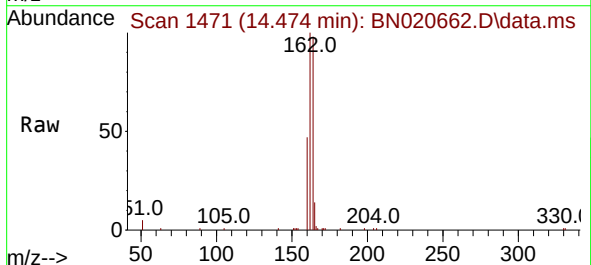
Instrument :  
BNA\_N  
ClientSampleId :  
RE120D1-20220622DL

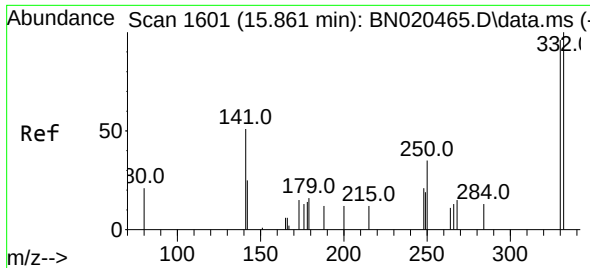
Tgt Ion:152 Resp: 2409  
Ion Ratio Lower Upper  
152 100  
151 19.7 16.2 24.4



#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.474 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: BN020662.D  
Acq: 05 Jul 2022 15:44

Tgt Ion:164 Resp: 7942  
Ion Ratio Lower Upper  
164 100  
162 101.8 82.1 123.1  
160 47.9 38.6 58.0

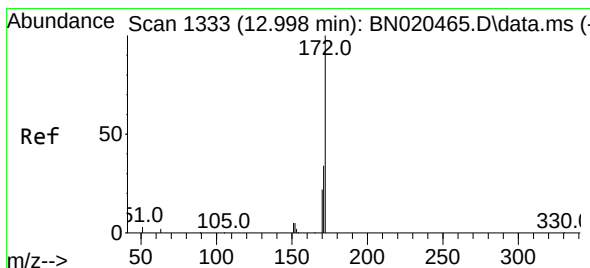
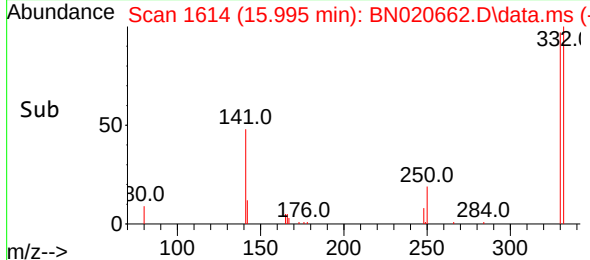
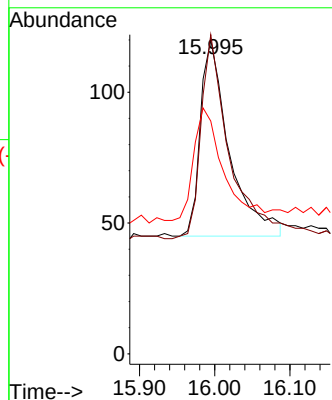
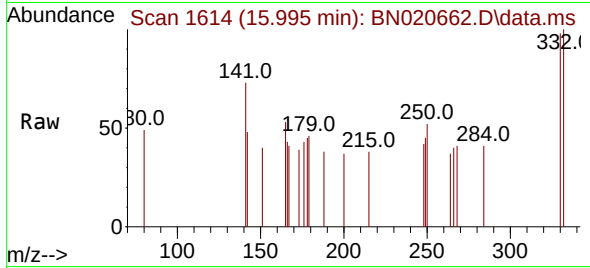




#14  
2,4,6-Tribromophenol  
Concen: 0.067 ng  
RT: 15.995 min Scan# 1  
Delta R.T. 0.021 min  
Lab File: BN020662.D  
Acq: 05 Jul 2022 15:44

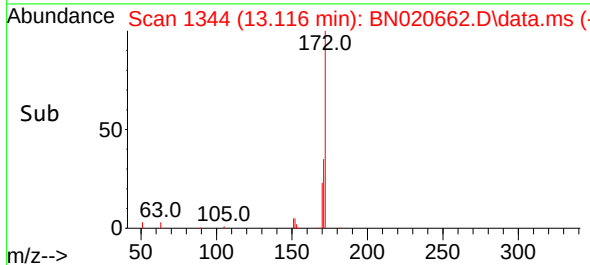
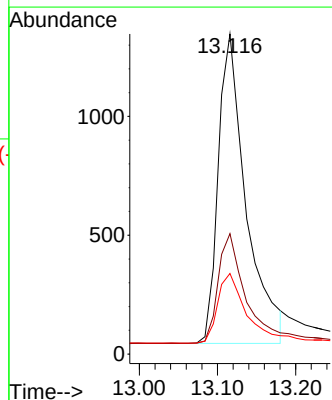
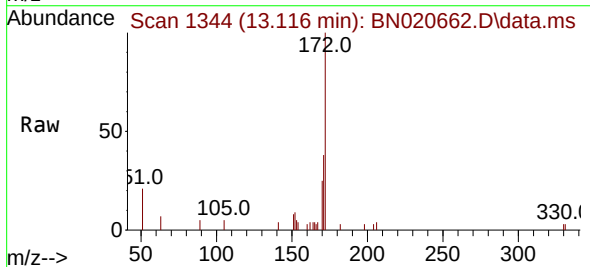
Instrument :  
BNA\_N  
ClientSampleId :  
RE120D1-20220622DL

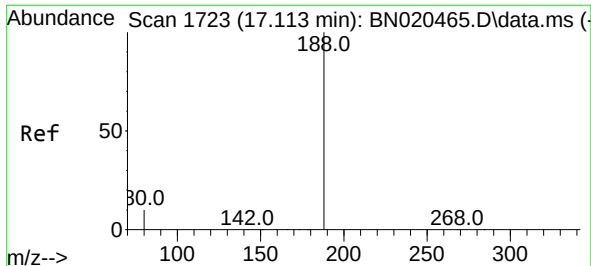
Tgt Ion:330 Resp: 201  
Ion Ratio Lower Upper  
330 100  
332 100.0 77.6 116.4  
141 59.7 41.0 61.4



#15  
2-Fluorobiphenyl  
Concen: 0.098 ng  
RT: 13.116 min Scan# 1344  
Delta R.T. 0.011 min  
Lab File: BN020662.D  
Acq: 05 Jul 2022 15:44

Tgt Ion:172 Resp: 3214  
Ion Ratio Lower Upper  
172 100  
171 37.6 27.2 40.8  
170 25.2 18.2 27.4

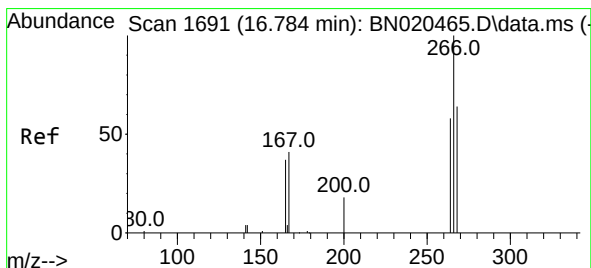
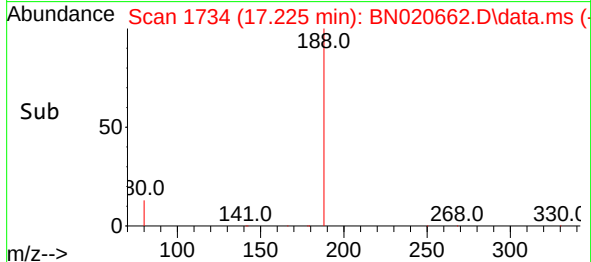
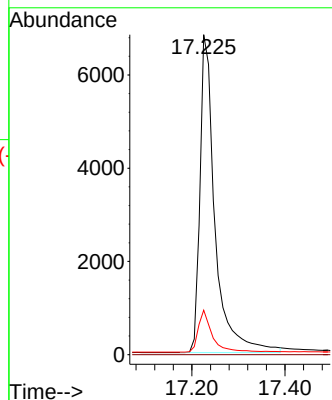
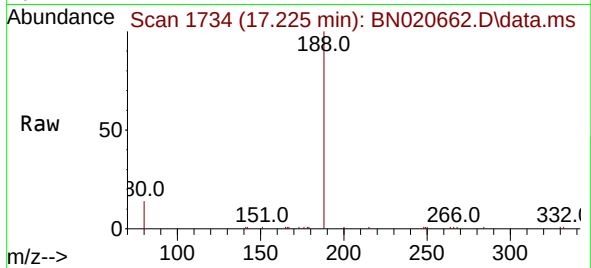




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.225 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BN020662.D  
Acq: 05 Jul 2022 15:44

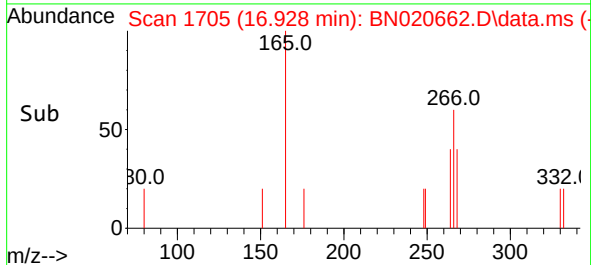
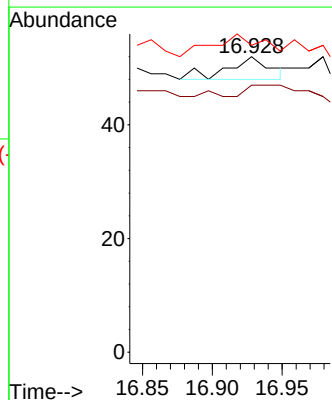
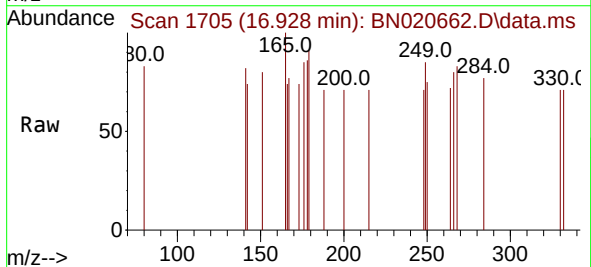
Instrument :  
BNA\_N  
ClientSampleId :  
RE120D1-20220622DL

Tgt Ion:188 Resp: 15345  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 13.9 7.4 11.2#

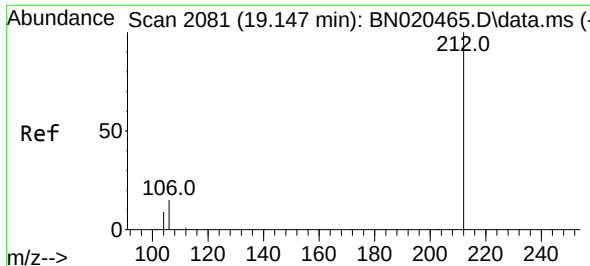


#24  
Pentachlorophenol  
Concen: 0.187 ng  
RT: 16.928 min Scan# 1705  
Delta R.T. 0.031 min  
Lab File: BN020662.D  
Acq: 05 Jul 2022 15:44

Tgt Ion:266 Resp: 9  
Ion Ratio Lower Upper  
266 100  
264 55.6 51.3 76.9  
268 111.1 52.6 79.0#



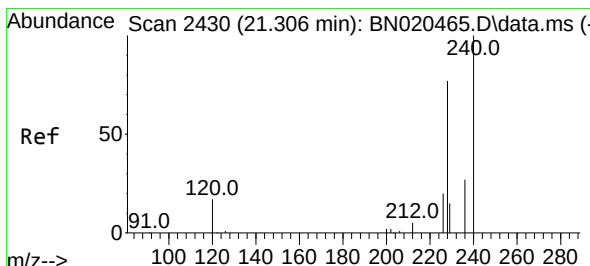
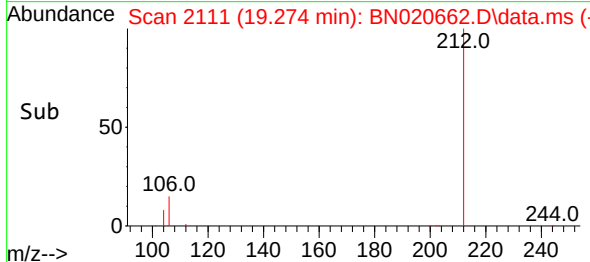
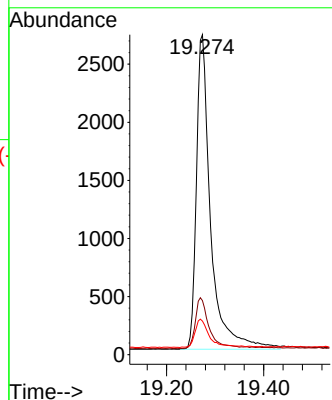
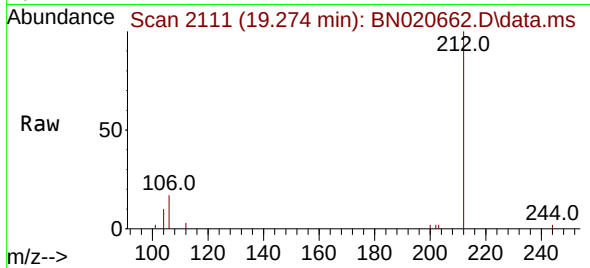




#27  
Fluoranthene-d10  
Concen: 0.121 ng  
RT: 19.274 min Scan# 2111  
Delta R.T. 0.004 min  
Lab File: BN020662.D  
Acq: 05 Jul 2022 15:44

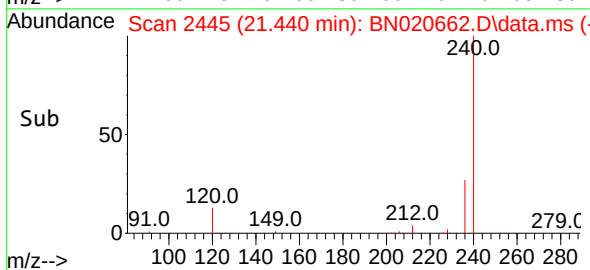
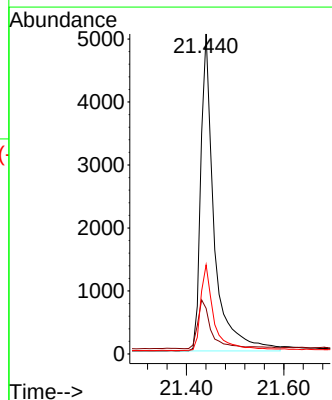
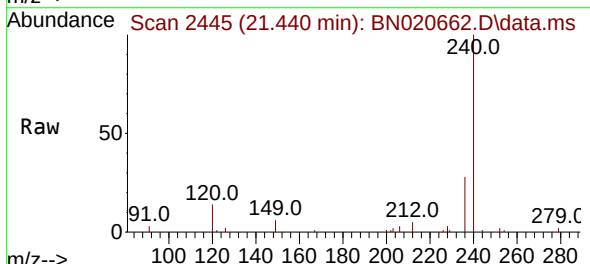
Instrument :  
BNA\_N  
ClientSampleId :  
RE120D1-20220622DL

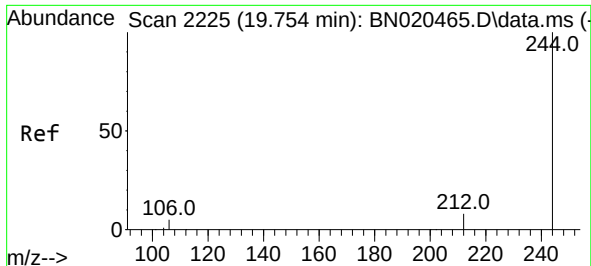
Tgt Ion:212 Resp: 5514  
Ion Ratio Lower Upper  
212 100  
106 15.7 12.6 19.0  
104 9.0 7.2 10.8



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.440 min Scan# 2445  
Delta R.T. 0.009 min  
Lab File: BN020662.D  
Acq: 05 Jul 2022 15:44

Tgt Ion:240 Resp: 9620  
Ion Ratio Lower Upper  
240 100  
120 14.3 14.6 21.8#  
236 27.9 22.6 33.8

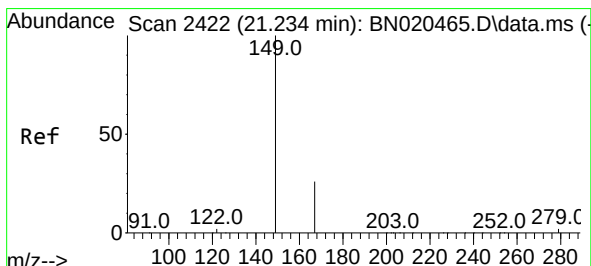
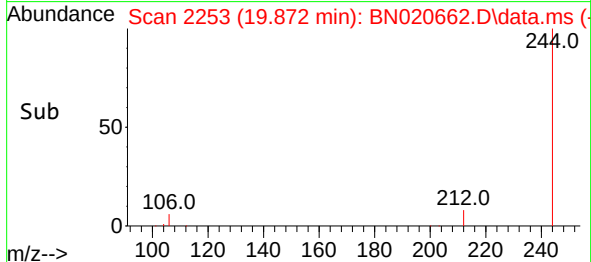
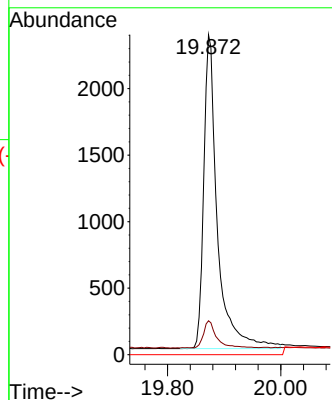
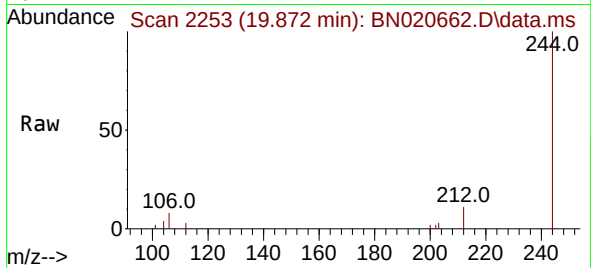




#31  
 Terphenyl-d14  
 Concen: 0.172 ng  
 RT: 19.872 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: BN020662.D  
 Acq: 05 Jul 2022 15:44

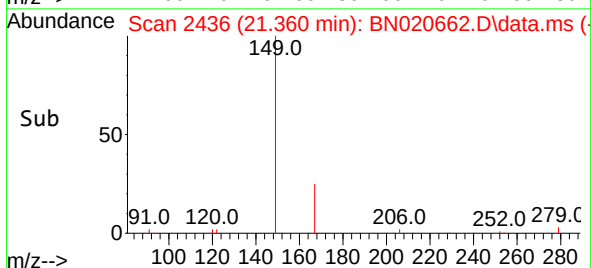
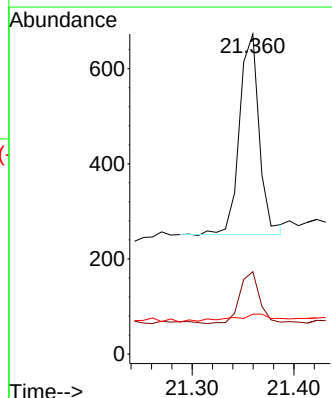
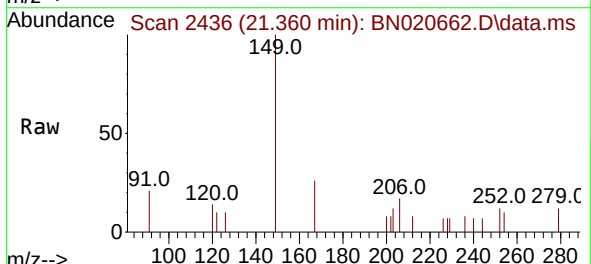
Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE120D1-20220622DL

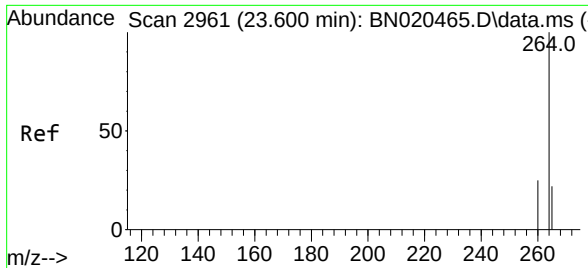
Tgt Ion:244 Resp: 3944  
 Ion Ratio Lower Upper  
 244 100  
 212 10.6 7.1 10.7  
 122 0.0 0.0 0.0



#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.029 ng  
 RT: 21.360 min Scan# 2436  
 Delta R.T. 0.009 min  
 Lab File: BN020662.D  
 Acq: 05 Jul 2022 15:44

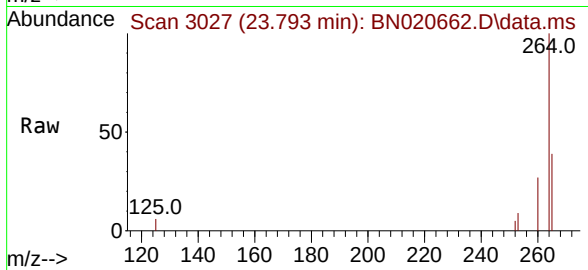
Tgt Ion:149 Resp: 570  
 Ion Ratio Lower Upper  
 149 100  
 167 26.7 21.7 32.5  
 279 9.6 2.2 3.2#





#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.793 min Scan# 30  
 Delta R.T. 0.003 min  
 Lab File: BN020662.D  
 Acq: 05 Jul 2022 15:44

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE120D1-20220622DL



Tgt Ion: 264 Resp: 7236

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 26.7  | 20.9  | 31.3  |
| 265 | 39.1  | 28.0  | 42.0  |

