

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN051122\  
 Data File : BN019738.D  
 Acq On : 12 May 2022 01:49  
 Operator : CG/JU  
 Sample : N2451-07  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 FB220415

Quant Time: May 12 05:52:58 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN050922.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue May 10 01:35:26 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|--------|------|----------|-------|-------|----------|
| -----                       |        |      |          |       |       |          |
| Internal Standards          |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.862  | 152  | 238668   | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8           | 10.648 | 136  | 762686   | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10        | 14.474 | 164  | 465485   | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10        | 17.215 | 188  | 1004118  | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12            | 21.404 | 240  | 903512   | 0.400 | ng    | 0.00     |
| 35) Perylene-d12            | 23.744 | 264  | 874914   | 0.400 | ng    | # 0.00   |
| System Monitoring Compounds |        |      |          |       |       |          |
| 4) 2-Fluorophenol           | 5.442  | 112  | 899027   | 1.665 | ng    | 0.00     |
| 5) Phenol-d6                | 7.017  | 99   | 676445   | 0.995 | ng    | 0.00     |
| 8) Nitrobenzene-d5          | 9.003  | 82   | 1407212  | 2.208 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10 | 12.219 | 152  | 3        | 0.000 | ng    | -0.02    |
| 14) 2,4,6-Tribromophenol    | 15.964 | 330  | 688399   | 4.073 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl        | 13.105 | 172  | 3233480  | 1.540 | ng    | 0.00     |
| 27) Fluoranthene-d10        | 19.248 | 212  | 18       | 0.000 | ng    | 0.00     |
| 31) Terphenyl-d14           | 19.851 | 244  | 2874470  | 1.369 | ng    | 0.00     |

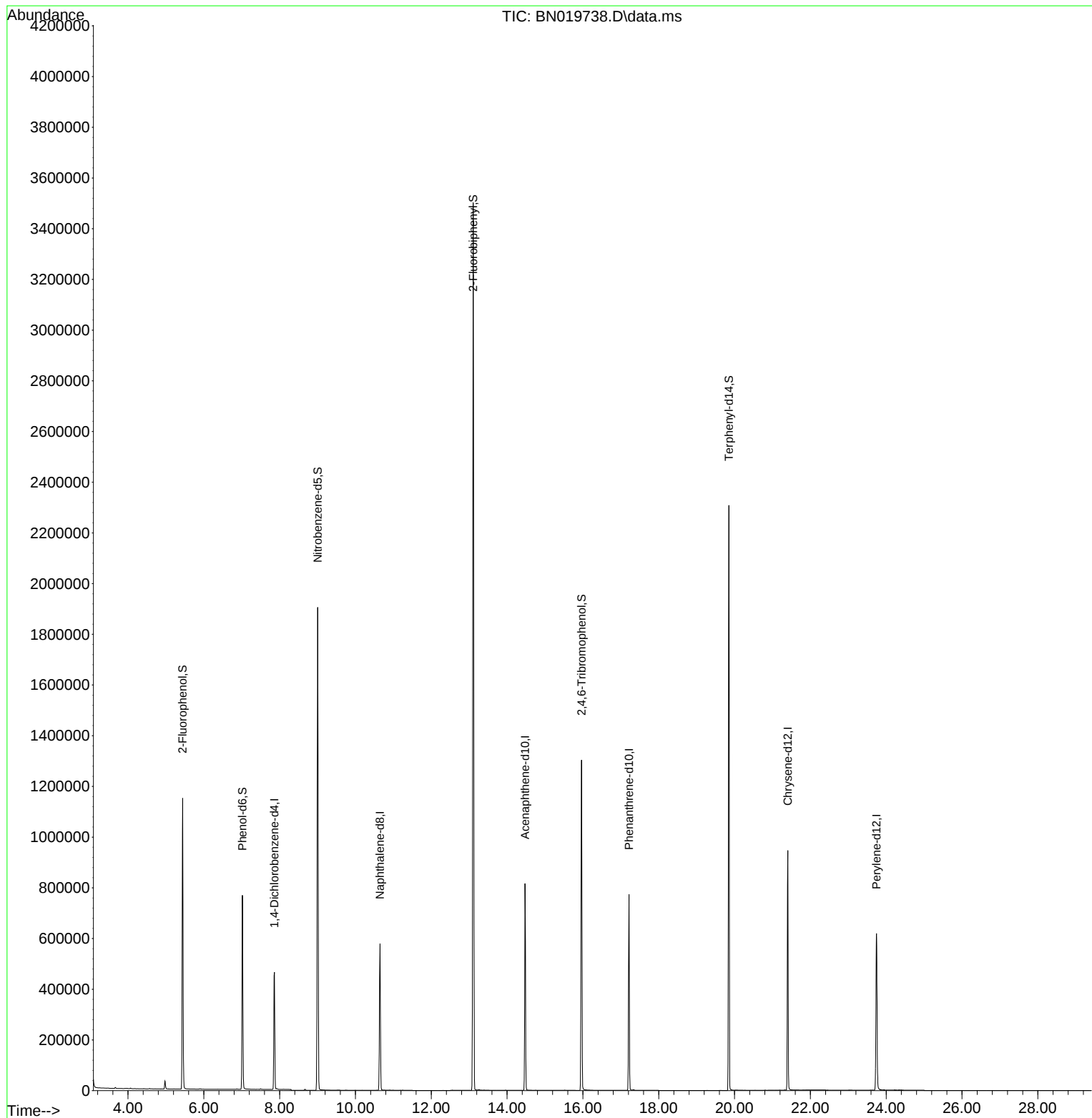
Target Compounds Qvalue

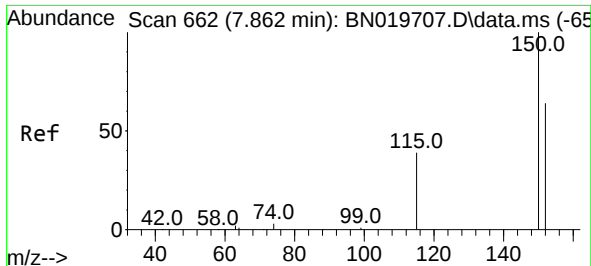
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 (#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN051122\  
Data File : BN019738.D  
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Sample : N2451-07  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_N  
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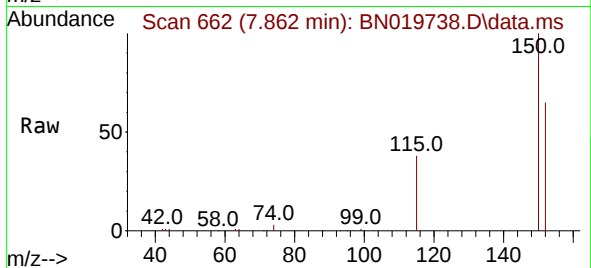
Quant Time: May 12 05:52:58 2022  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN050922.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue May 10 01:35:26 2022  
Response via : Initial Calibration





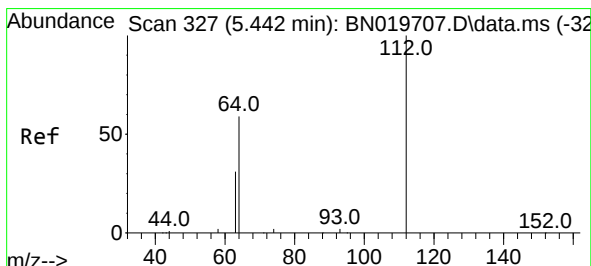
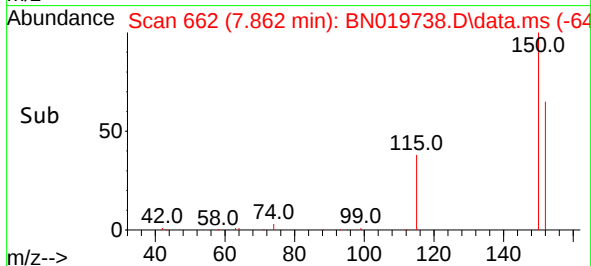
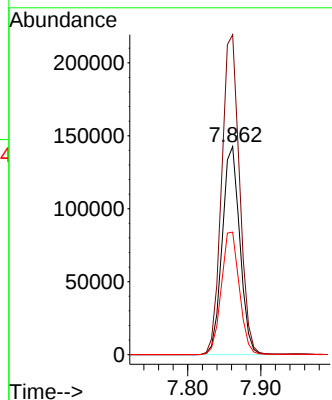
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.862 min Scan# 662  
 Delta R.T. -0.000 min  
 Lab File: BN019738.D  
 Acq: 12 May 2022 01:49

Instrument :  
 BNA\_N  
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Tgt Ion:152 Resp: 238668  

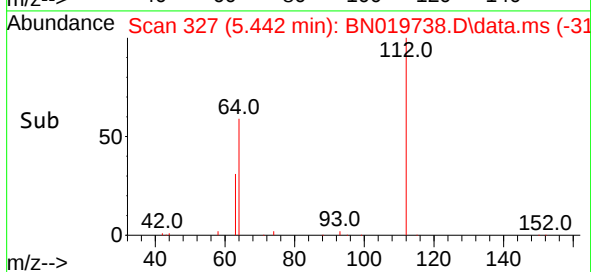
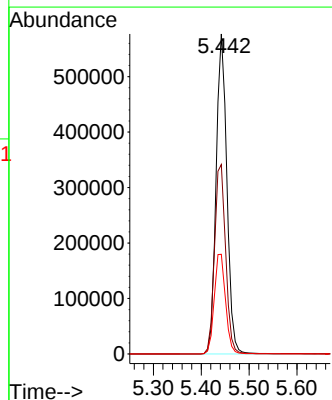
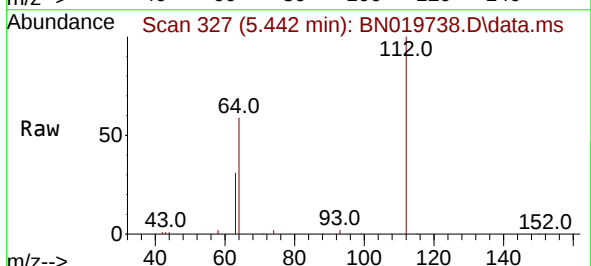
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 150 | 153.7 | 125.0 | 187.4 |
| 115 | 58.8  | 50.6  | 76.0  |

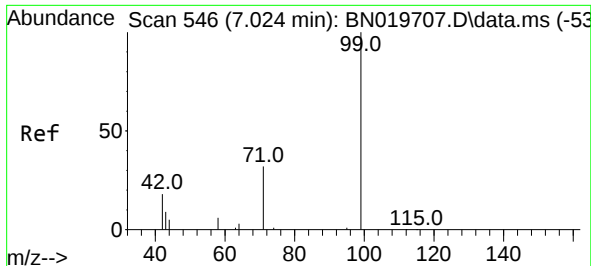


#4  
 2-Fluorophenol  
 Concen: 1.665 ng  
 RT: 5.442 min Scan# 327  
 Delta R.T. -0.000 min  
 Lab File: BN019738.D  
 Acq: 12 May 2022 01:49

Tgt Ion:112 Resp: 899027  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 112 | 100   |       |       |
| 64  | 61.6  | 49.1  | 73.7  |
| 63  | 32.9  | 26.4  | 39.6  |

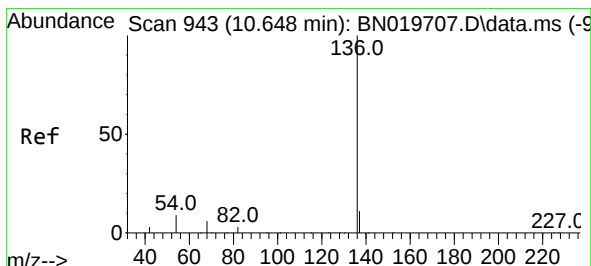
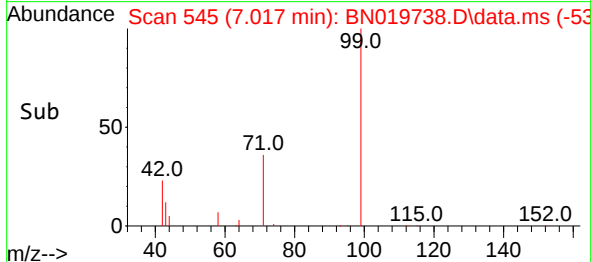
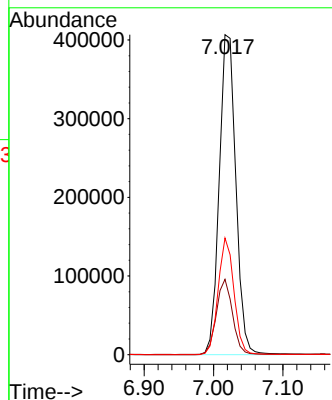
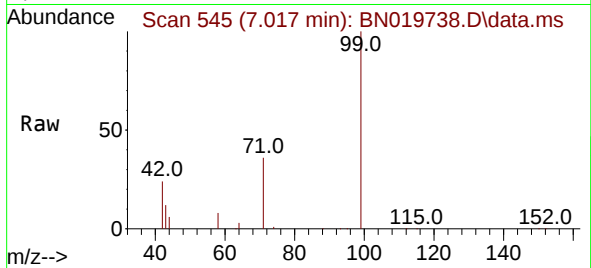




#5  
Phenol-d6  
Concen: 0.995 ng  
RT: 7.017 min Scan# 54  
Delta R.T. -0.007 min  
Lab File: BN019738.D  
Acq: 12 May 2022 01:49

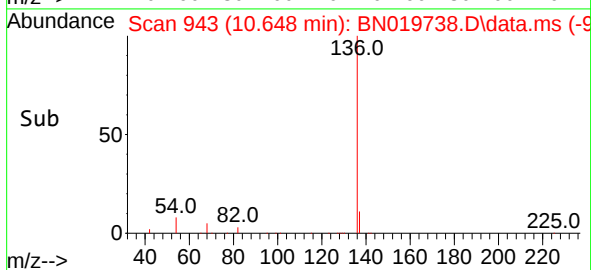
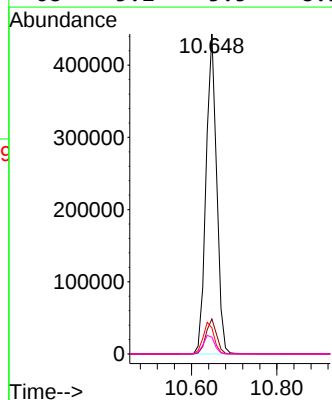
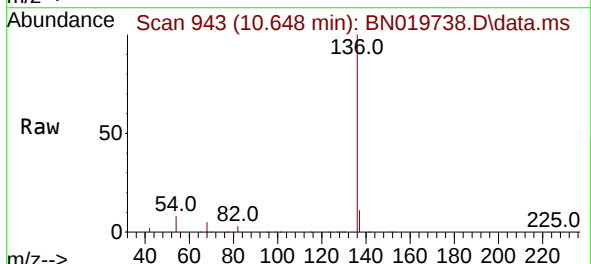
Instrument :  
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ClientSampleId :  
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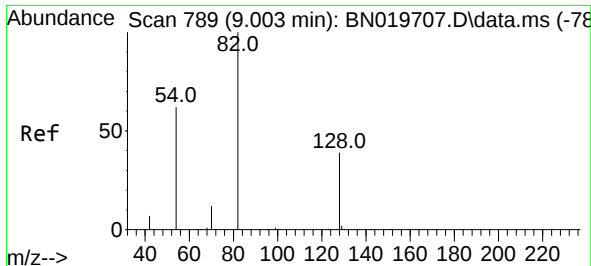
Tgt Ion: 99 Resp: 676445  
Ion Ratio Lower Upper  
99 100  
42 22.7 19.6 29.4  
71 34.8 27.3 40.9



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.648 min Scan# 943  
Delta R.T. -0.000 min  
Lab File: BN019738.D  
Acq: 12 May 2022 01:49

Tgt Ion: 136 Resp: 762686  
Ion Ratio Lower Upper  
136 100  
137 10.9 9.1 13.7  
54 8.2 8.2 12.4#  
68 5.2 5.5 8.3#

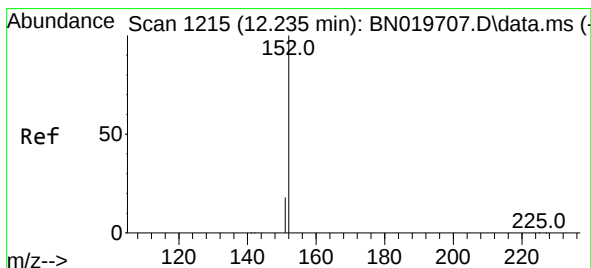
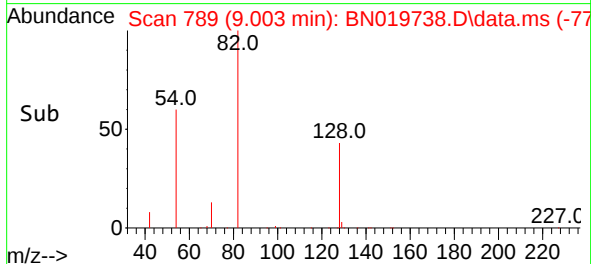
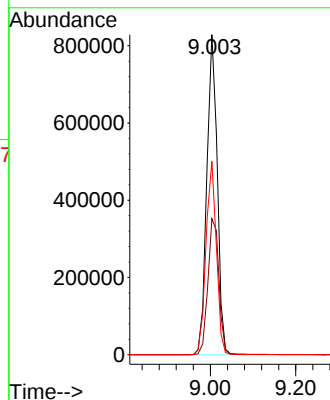
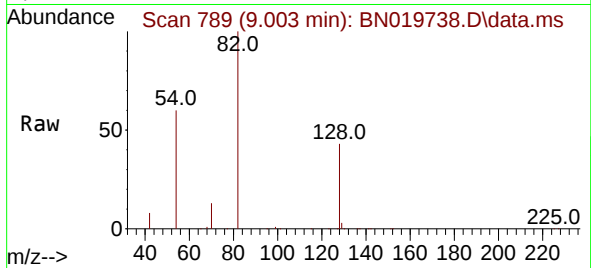




#8  
Nitrobenzene-d5  
Concen: 2.208 ng  
RT: 9.003 min Scan# 789  
Delta R.T. -0.000 min  
Lab File: BN019738.D  
Acq: 12 May 2022 01:49

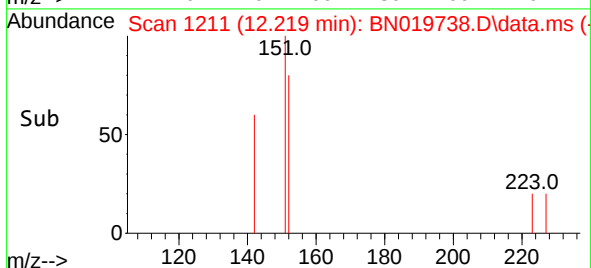
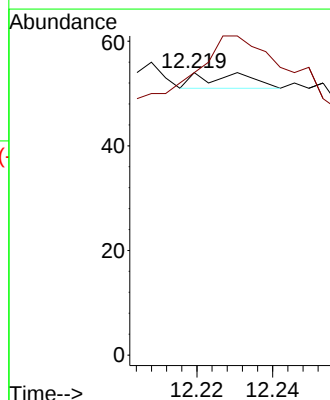
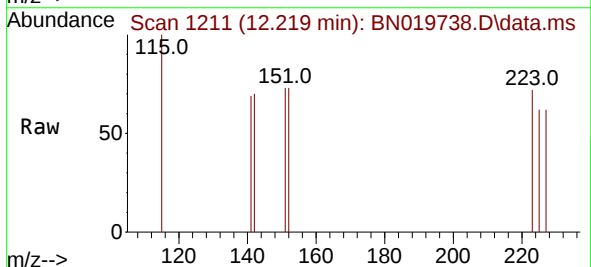
Instrument :  
BNA\_N  
ClientSampleId :  
FB220415

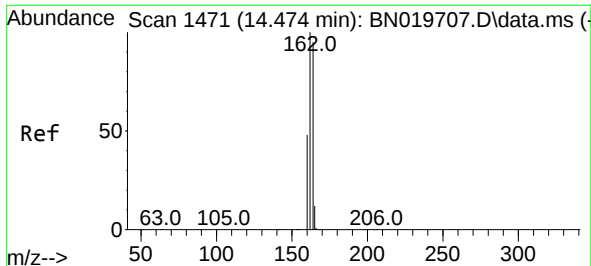
Tgt Ion: 82 Resp: 1407212  
Ion Ratio Lower Upper  
82 100  
128 42.5 32.4 48.6  
54 60.4 50.7 76.1



#11  
2-Methylnaphthalene-d10  
Concen: 0.000 ng  
RT: 12.219 min Scan# 1211  
Delta R.T. -0.015 min  
Lab File: BN019738.D  
Acq: 12 May 2022 01:49

Tgt Ion: 152 Resp: 3  
Ion Ratio Lower Upper  
152 100  
151 766.7 16.4 24.6#

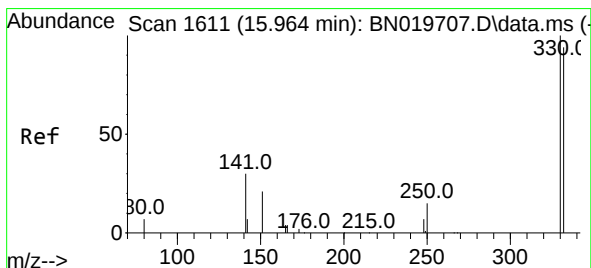
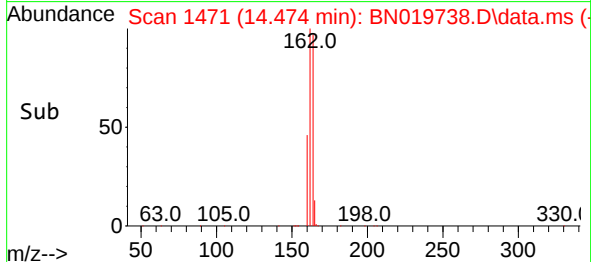
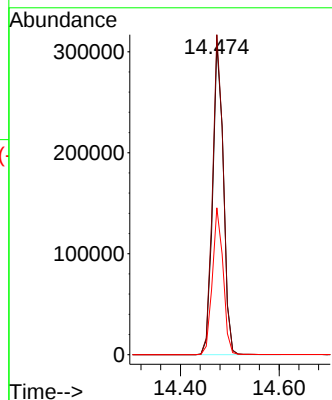
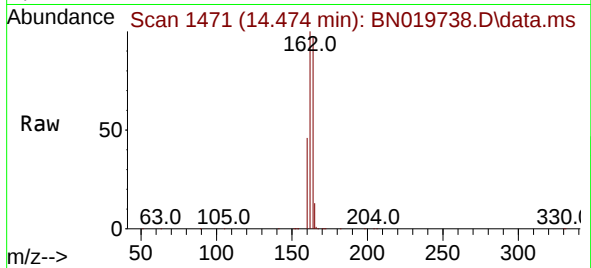




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.474 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: BN019738.D  
Acq: 12 May 2022 01:49

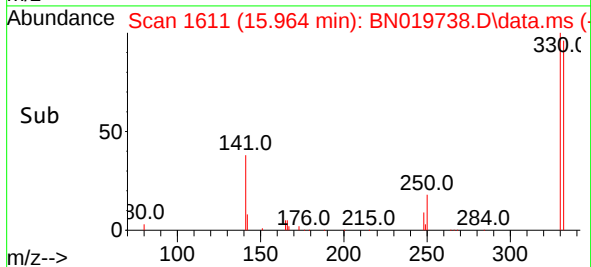
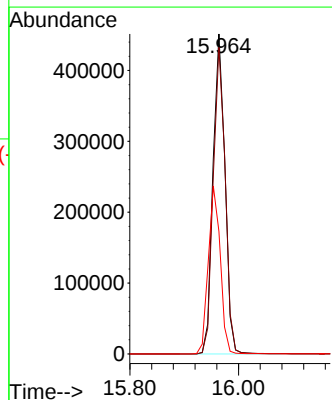
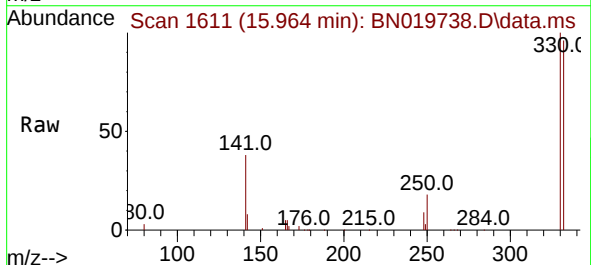
Instrument :  
BNA\_N  
ClientSampleId :  
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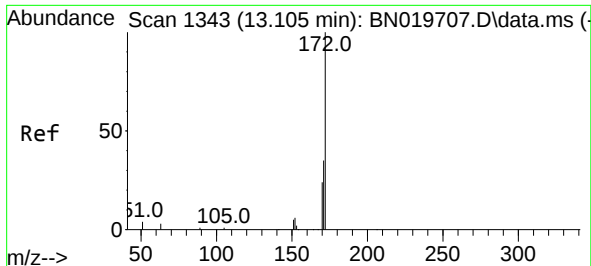
Tgt Ion:164 Resp: 465485  
Ion Ratio Lower Upper  
164 100  
162 103.0 84.0 126.0  
160 47.3 41.1 61.7



#14  
2,4,6-Tribromophenol  
Concen: 4.073 ng  
RT: 15.964 min Scan# 1611  
Delta R.T. -0.000 min  
Lab File: BN019738.D  
Acq: 12 May 2022 01:49

Tgt Ion:330 Resp: 688399  
Ion Ratio Lower Upper  
330 100  
332 96.0 75.7 113.5  
141 52.8 40.2 60.2

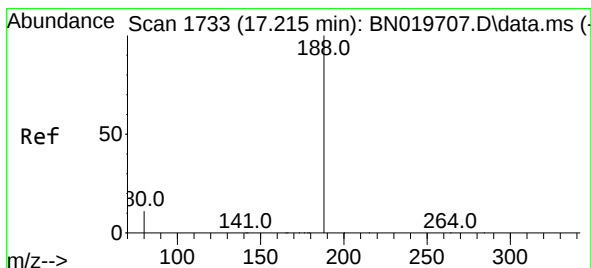
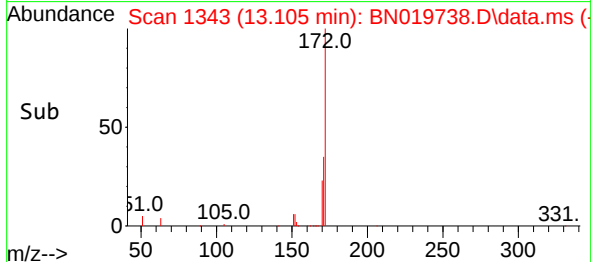
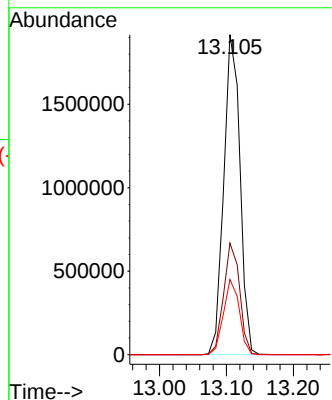
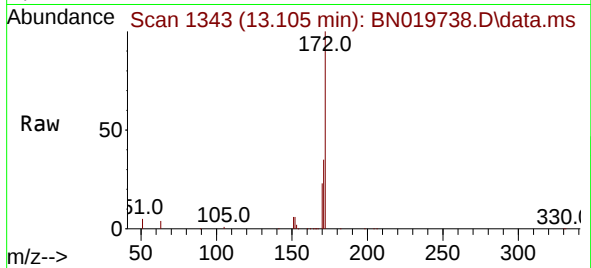




#15  
2-Fluorobiphenyl  
Concen: 1.540 ng  
RT: 13.105 min Scan# 1343  
Delta R.T. -0.000 min  
Lab File: BN019738.D  
Acq: 12 May 2022 01:49

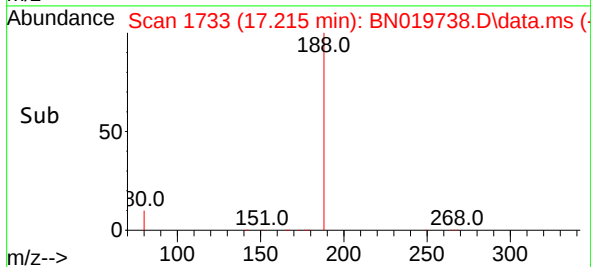
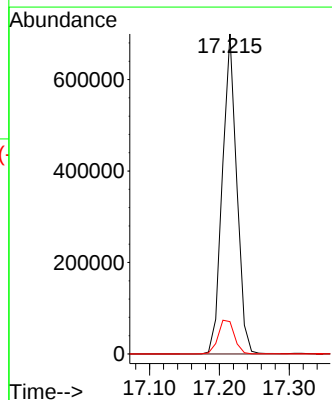
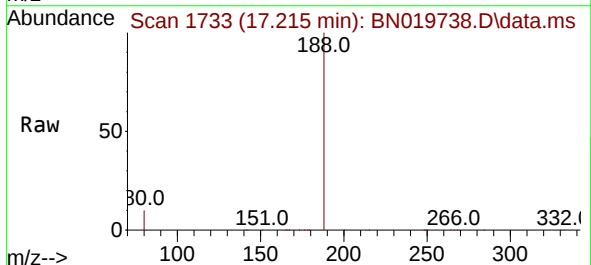
Instrument :  
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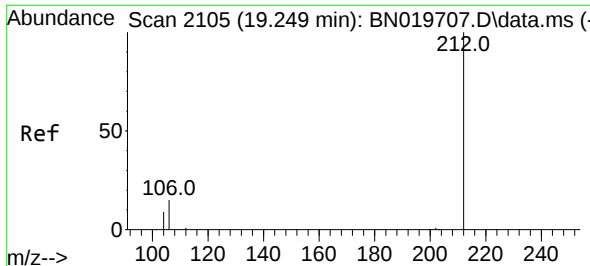
Tgt Ion:172 Resp: 3233480  
Ion Ratio Lower Upper  
172 100  
171 34.9 28.5 42.7  
170 23.5 19.4 29.2



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.215 min Scan# 1733  
Delta R.T. -0.000 min  
Lab File: BN019738.D  
Acq: 12 May 2022 01:49

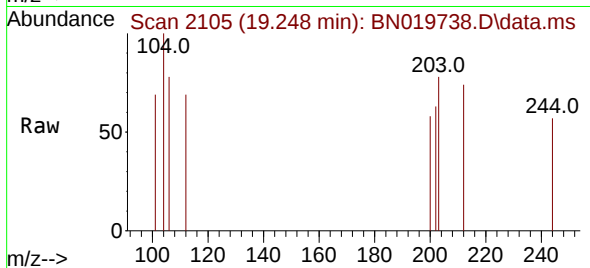
Tgt Ion:188 Resp: 1004118  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 10.1 9.6 14.4



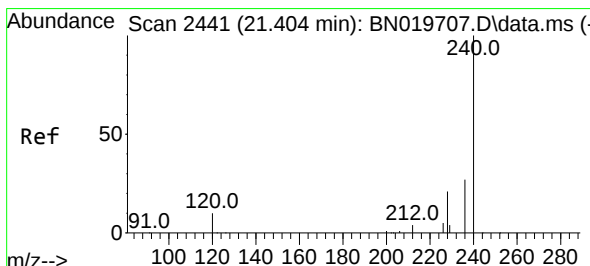
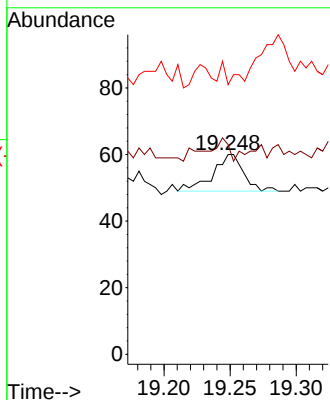
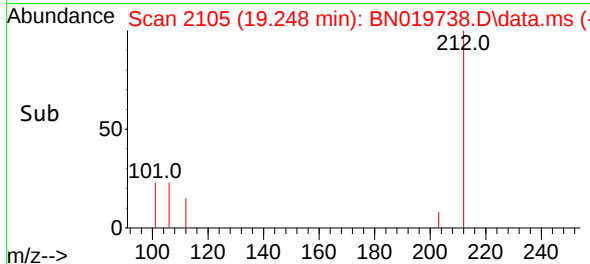


#27  
Fluoranthene-d10  
Concen: 0.000 ng  
RT: 19.248 min Scan# 2105  
Delta R.T. -0.000 min  
Lab File: BN019738.D  
Acq: 12 May 2022 01:49

Instrument :  
BNA\_N  
ClientSampleId :  
FB220415

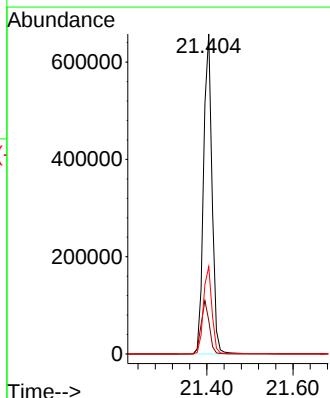
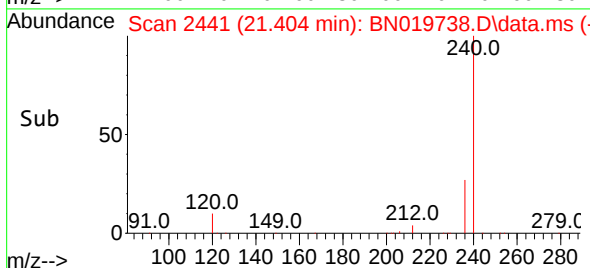
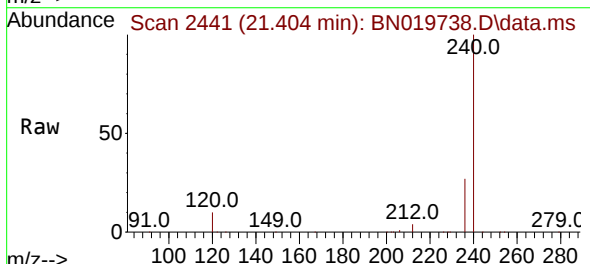


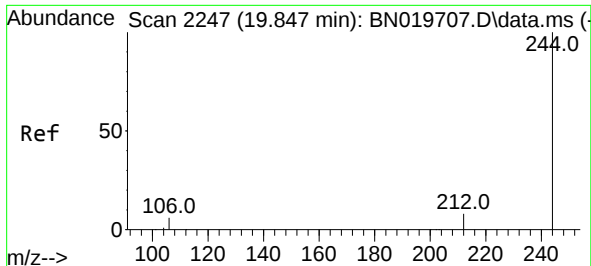
Tgt Ion:212 Resp: 18  
Ion Ratio Lower Upper  
212 100  
106 22.2 13.0 19.4#  
104 11.1 7.3 10.9#



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.404 min Scan# 2441  
Delta R.T. -0.000 min  
Lab File: BN019738.D  
Acq: 12 May 2022 01:49

Tgt Ion:240 Resp: 903512  
Ion Ratio Lower Upper  
240 100  
120 10.4 9.0 13.6  
236 27.3 22.0 33.0

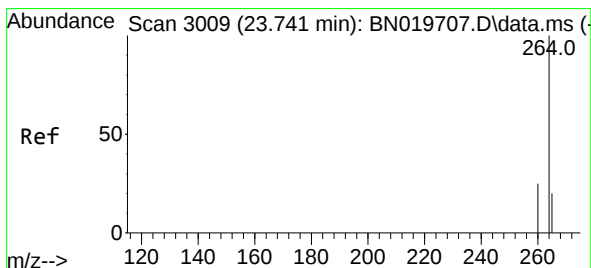
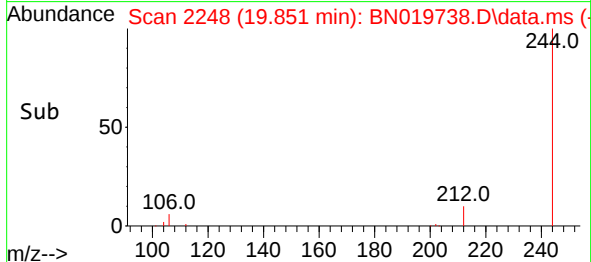
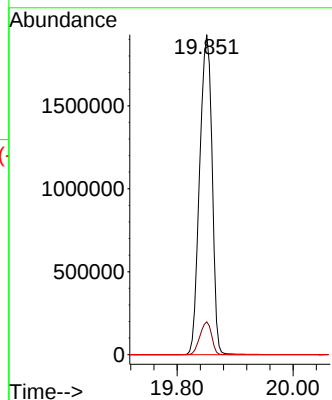
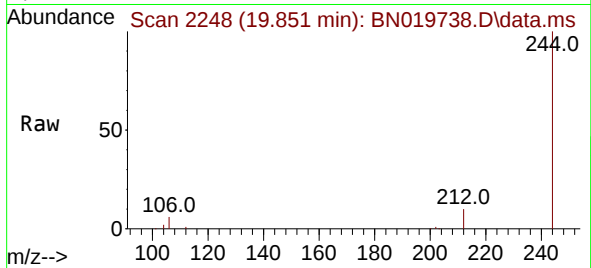




#31  
Terphenyl-d14  
Concen: 1.369 ng  
RT: 19.851 min Scan# 21  
Delta R.T. 0.004 min  
Lab File: BN019738.D  
Acq: 12 May 2022 01:49

Instrument :  
BNA\_N  
ClientSampleId :  
FB220415

Tgt Ion:244 Resp: 2874470  
Ion Ratio Lower Upper  
244 100  
212 10.2 7.0 10.6  
122 0.0 0.0 0.0



#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.744 min Scan# 3010  
Delta R.T. 0.003 min  
Lab File: BN019738.D  
Acq: 12 May 2022 01:49

Tgt Ion:264 Resp: 874914  
Ion Ratio Lower Upper  
264 100  
260 25.9 20.8 31.2  
265 21.4 35.6 53.4#

