

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN072021\  
 Data File : BN015624.D  
 Acq On : 20 Jul 2021 14:23  
 Operator : CG/JU  
 Sample : PB137773BS  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB137773BS

Manual Integrations  
 APPROVED

mohammad  
 7/21/2021 11:28:05 AM

Quant Time: Jul 20 14:54:51 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN071521.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jul 20 11:13:03 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.790  | 152  | 15274    | 0.400 | ng    | # 0.00   |
| 7) Naphthalene-d8             | 10.571 | 136  | 68607    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.421 | 164  | 36063    | 0.400 | ng    | 0.01     |
| 19) Phenanthrene-d10          | 17.163 | 188  | 68026    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.376 | 240  | 67548    | 0.400 | ng    | 0.01     |
| 35) Perylene-d12              | 23.717 | 264  | 69533    | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.374  | 112  | 18151    | 0.414 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.960  | 99   | 21696    | 0.417 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.936  | 82   | 18529    | 0.376 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.162 | 152  | 41009    | 0.363 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.905 | 330  | 6196     | 0.470 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.038 | 172  | 53012    | 0.364 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.207 | 212  | 76398    | 0.372 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.812 | 244  | 56995    | 0.356 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.345  | 88   | 3540m    | 0.474 | ng    |          |
| 3) n-Nitrosodimethylamine     | 3.677  | 42   | 4740     | 0.376 | ng    | # 79     |
| 6) bis(2-Chloroethyl)ether    | 7.218  | 93   | 17858    | 0.383 | ng    | # 85     |
| 9) Naphthalene                | 10.622 | 128  | 72555    | 0.364 | ng    | 97       |
| 10) Hexachlorobutadiene       | 10.913 | 225  | 13912    | 0.374 | ng    | # 99     |
| 12) 2-Methylnaphthalene       | 12.238 | 142  | 47480    | 0.376 | ng    | # 89     |
| 16) Acenaphthylene            | 14.129 | 152  | 62065    | 0.370 | ng    | 98       |
| 17) Acenaphthene              | 14.471 | 154  | 41631    | 0.371 | ng    | 98       |
| 18) Fluorene                  | 15.461 | 166  | 50006    | 0.372 | ng    | 99       |
| 20) 4,6-Dinitro-2-methylph... | 15.550 | 198  | 2570     | 1.303 | ng    | # 55     |
| 21) 4-Bromophenyl-phenylether | 16.360 | 248  | 15515    | 0.359 | ng    | 88       |
| 22) Hexachlorobenzene         | 16.482 | 284  | 17187    | 0.354 | ng    | # 92     |
| 23) Atrazine                  | 16.628 | 200  | 11869    | 0.401 | ng    | 92       |
| 24) Pentachlorophenol         | 16.822 | 266  | 2973     | 0.505 | ng    | 100      |
| 25) Phenanthrene              | 17.212 | 178  | 79276    | 0.361 | ng    | 99       |
| 26) Anthracene                | 17.297 | 178  | 69054    | 0.366 | ng    | 99       |
| 28) Fluoranthene              | 19.236 | 202  | 91106    | 0.383 | ng    | # 97     |
| 30) Pyrene                    | 19.599 | 202  | 92071    | 0.355 | ng    | 99       |
| 32) Benzo(a)anthracene        | 21.355 | 228  | 90411    | 0.383 | ng    | 98       |
| 33) Chrysene                  | 21.408 | 228  | 89082    | 0.356 | ng    | 97       |
| 34) Bis(2-ethylhexyl)phtha... | 21.291 | 149  | 53689    | 0.531 | ng    | # 88     |
| 36) Indeno(1,2,3-cd)pyrene    | 26.130 | 276  | 109635   | 0.442 | ng    | # 84     |
| 37) Benzo(b)fluoranthene      | 23.005 | 252  | 95251    | 0.349 | ng    | # 95     |
| 38) Benzo(k)fluoranthene      | 23.053 | 252  | 98576    | 0.358 | ng    | # 94     |
| 39) Benzo(a)pyrene            | 23.614 | 252  | 87269    | 0.372 | ng    | # 92     |
| 40) Dibenzo(a,h)anthracene    | 26.144 | 278  | 91161    | 0.467 | ng    | # 89     |
| 41) Benzo(g,h,i)perylene      | 26.856 | 276  | 93578    | 0.444 | ng    | # 90     |
| -----                         |        |      |          |       |       |          |

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

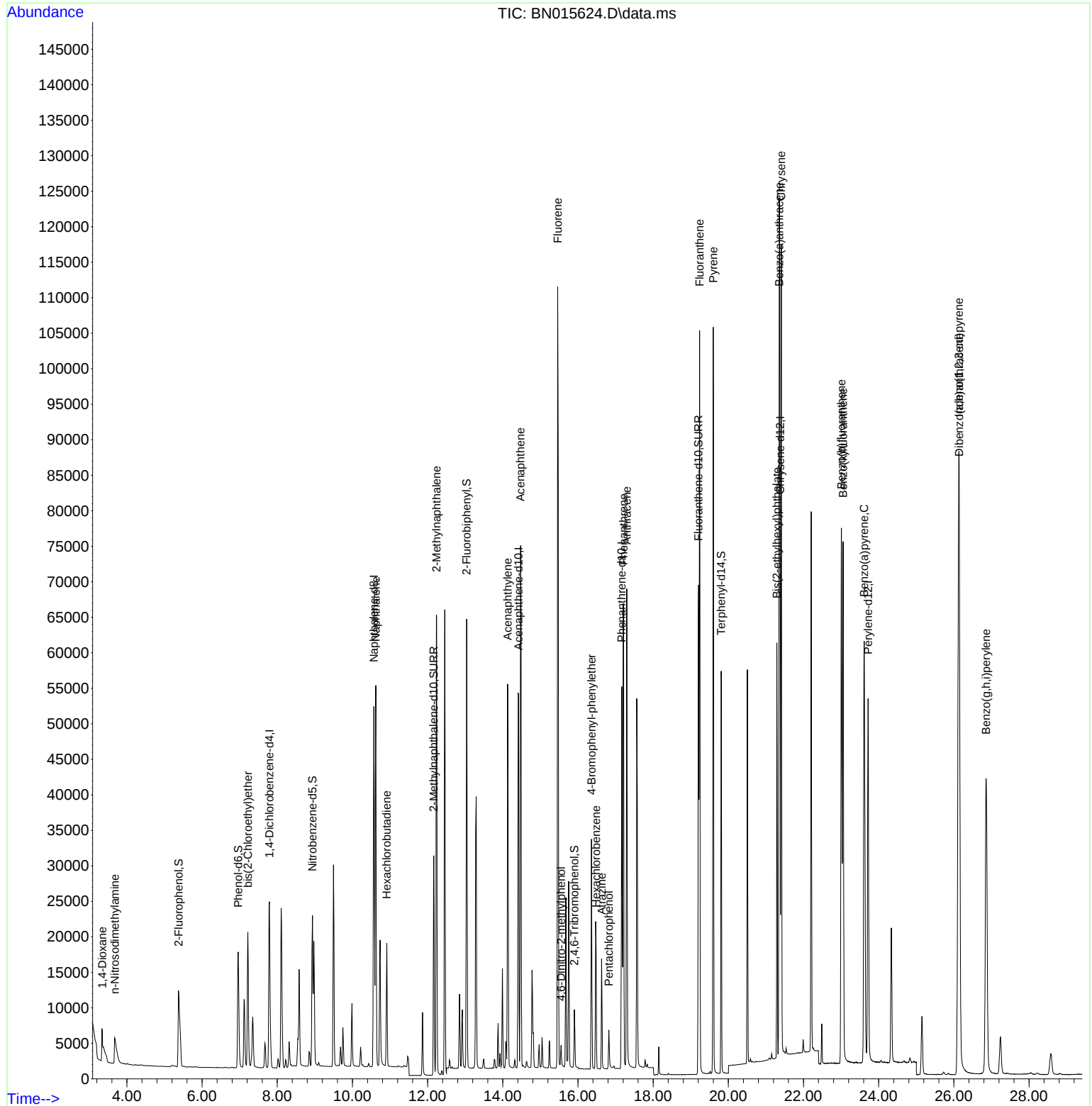
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN072021\  
Data File : BN015624.D  
Acq On : 20 Jul 2021 14:23  
Operator : CG/JU  
Sample : PB137773BS  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

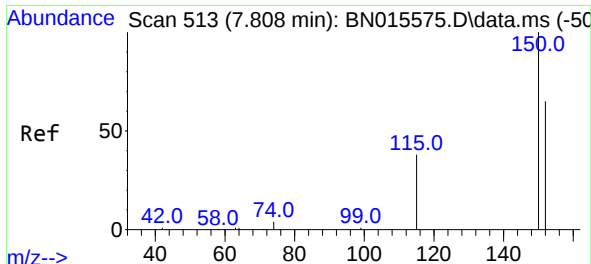
Instrument :  
BNA\_N  
ClientSampleId :  
PB137773BS

Manual Integrations  
APPROVED

mohammad  
7/21/2021 11:28:05 AM

Quant Time: Jul 20 14:54:51 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN071521.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Jul 20 11:13:03 2021  
Response via : Initial Calibration





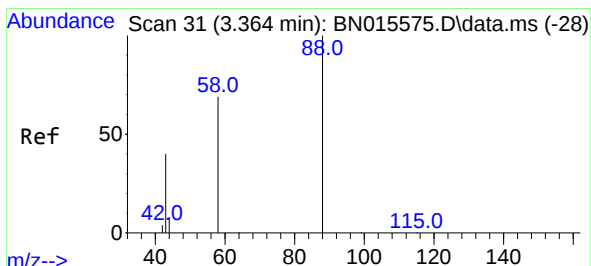
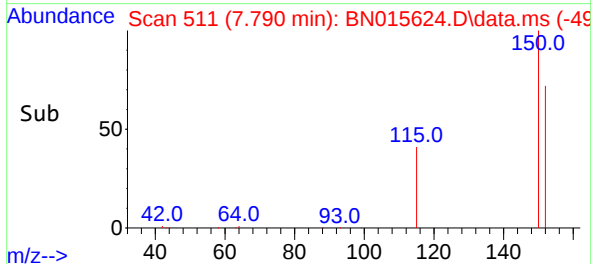
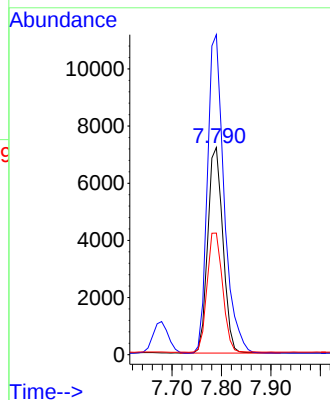
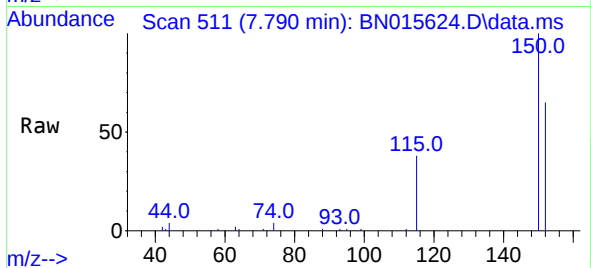
#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.790 min Scan# 511  
Delta R.T. 0.009 min  
Lab File: BN015624.D  
Acq: 20 Jul 2021 14:23

Tgt Ion: 152 Resp: 15274  
Ion Ratio Lower Upper  
152 100  
150 154.5 119.0 178.6  
115 58.7 62.2 93.4#

Instrument :  
BNA\_N  
ClientSampleId :  
PB137773BS

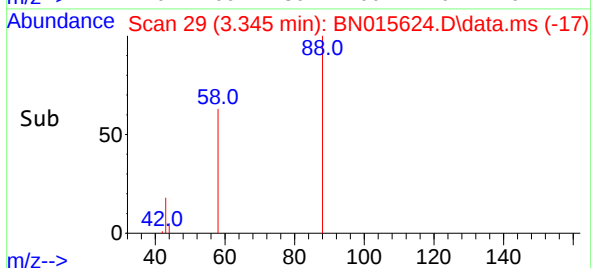
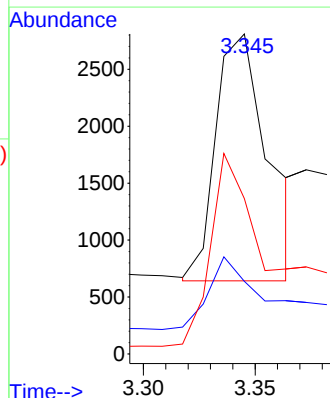
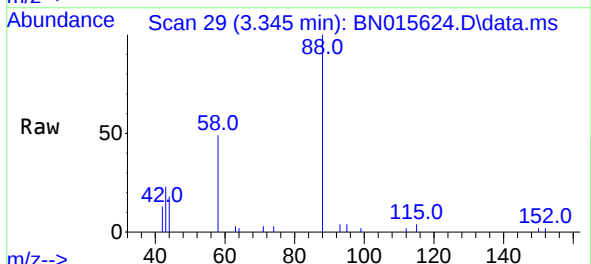
Manual Integrations  
APPROVED

mohammad  
7/21/2021 11:28:05 AM

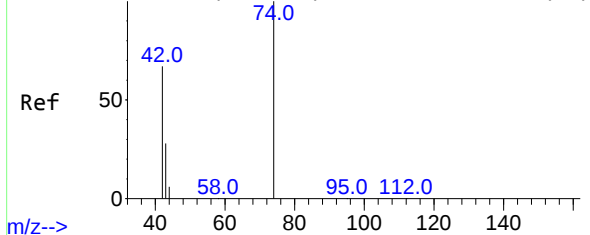


#2  
1,4-Dioxane  
Concen: 0.474 ng m  
RT: 3.345 min Scan# 29  
Delta R.T. 0.009 min  
Lab File: BN015624.D  
Acq: 20 Jul 2021 14:23

Tgt Ion: 88 Resp: 3540  
Ion Ratio Lower Upper  
88 100  
43 38.5 12.9 19.3#  
58 104.7 38.1 57.1#



Abundance Scan 69 (3.714 min): BN015575.D\data.ms (-62)



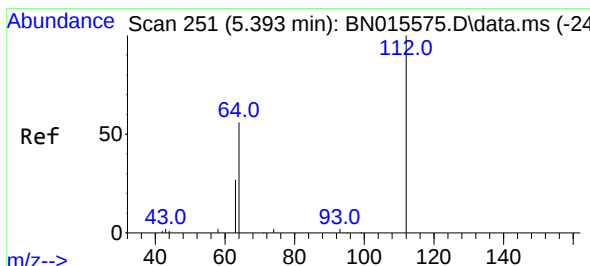
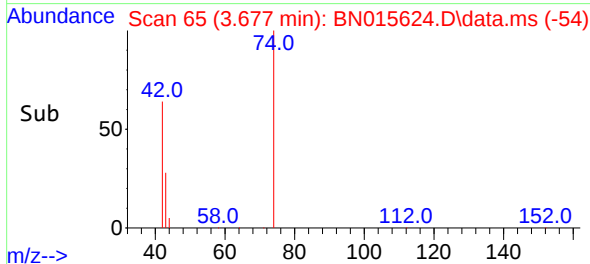
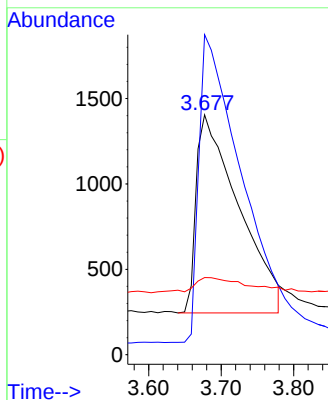
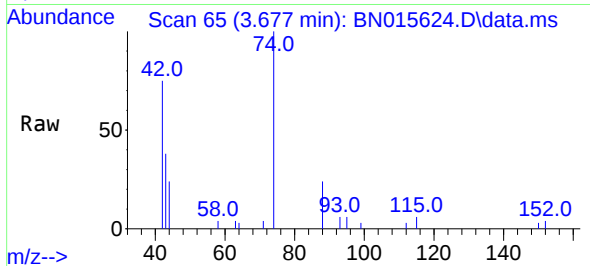
#3  
n-Nitrosodimethylamine  
Concen: 0.376 ng  
RT: 3.677 min Scan# 65  
Delta R.T. -0.000 min  
Lab File: BN015624.D  
Acq: 20 Jul 2021 14:23

Tgt Ion: 42 Resp: 4740  
Ion Ratio Lower Upper  
42 100  
74 156.4 149.5 224.3  
44 9.1 4.2 6.2#

Instrument :  
BNA\_N  
ClientSampleId :  
PB137773BS

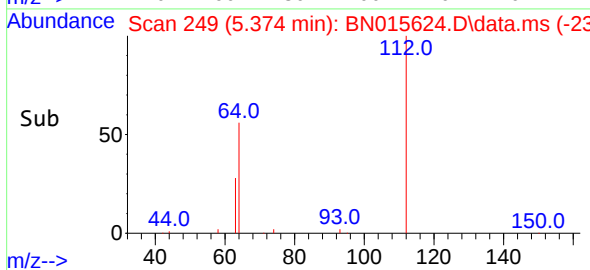
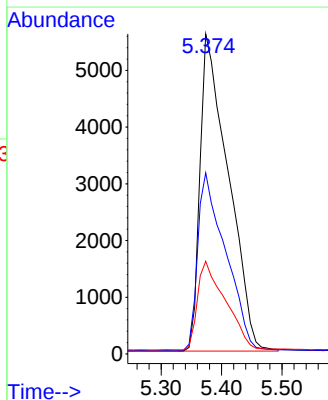
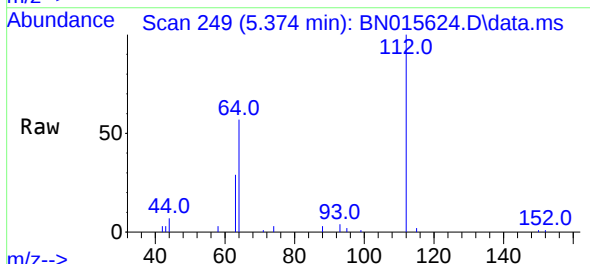
Manual Integrations  
APPROVED

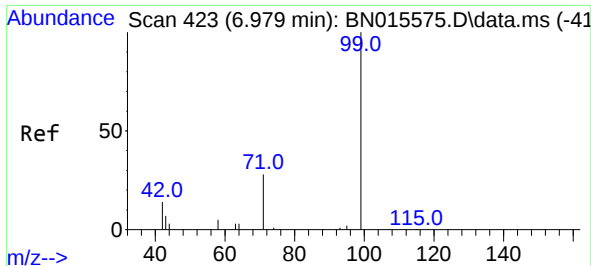
mohammad  
7/21/2021 11:28:05 AM



#4  
2-Fluorophenol  
Concen: 0.414 ng  
RT: 5.374 min Scan# 249  
Delta R.T. -0.000 min  
Lab File: BN015624.D  
Acq: 20 Jul 2021 14:23

Tgt Ion: 112 Resp: 18151  
Ion Ratio Lower Upper  
112 100  
64 55.5 39.0 58.6  
63 27.7 20.6 30.8





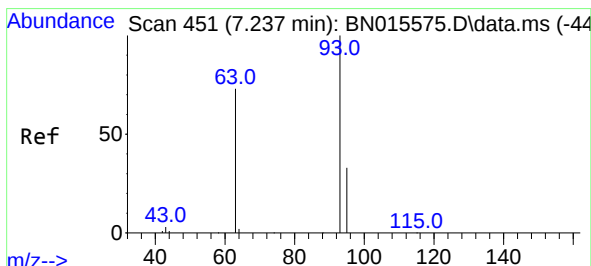
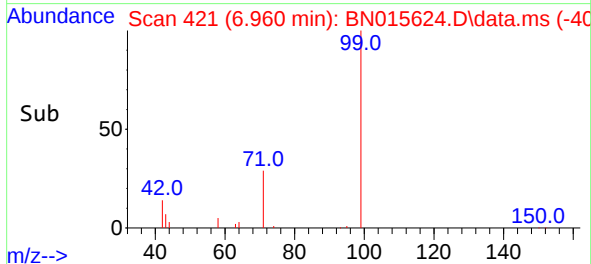
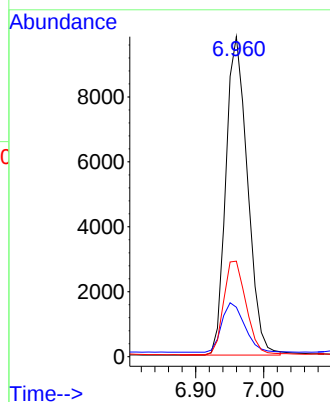
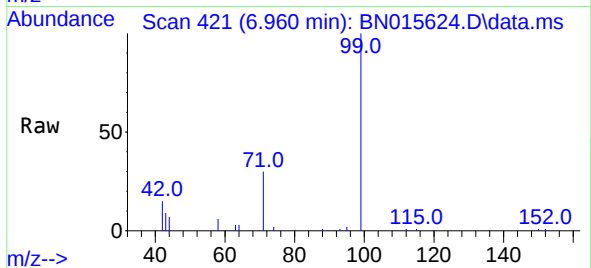
#5  
Phenol-d6  
Concen: 0.417 ng  
RT: 6.960 min Scan# 421  
Delta R.T. 0.009 min  
Lab File: BN015624.D  
Acq: 20 Jul 2021 14:23

Tgt Ion: 99 Resp: 21696  
Ion Ratio Lower Upper  
99 100  
42 16.3 8.9 13.3#  
71 30.4 35.6 53.4#

Instrument :  
BNA\_N  
ClientSampled :  
PB137773BS

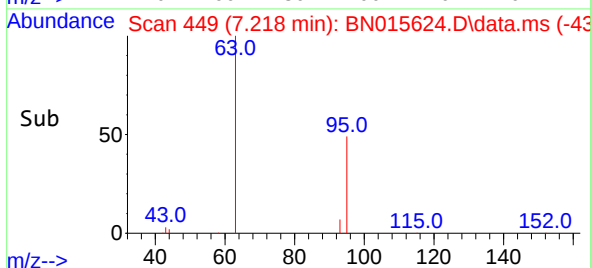
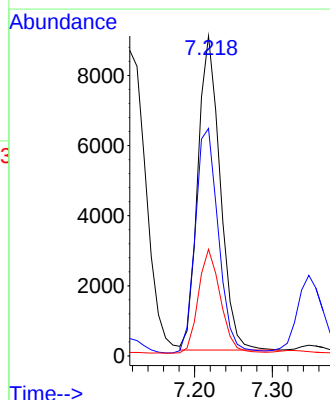
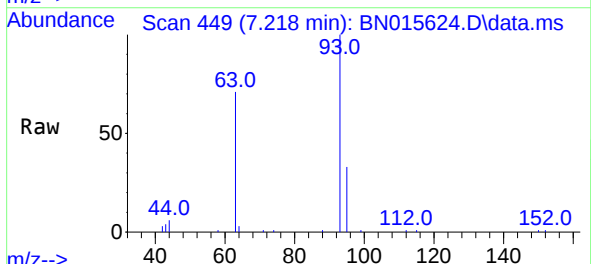
Manual Integrations  
APPROVED

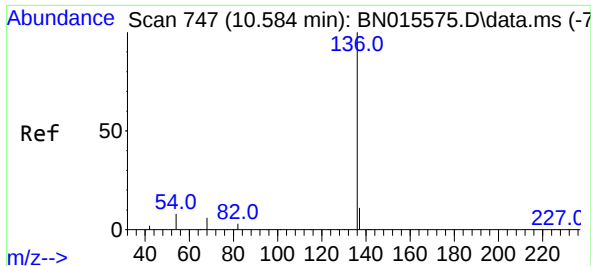
mohammad  
7/21/2021 11:28:05 AM



#6  
bis(2-Chloroethyl)ether  
Concen: 0.383 ng  
RT: 7.218 min Scan# 449  
Delta R.T. -0.000 min  
Lab File: BN015624.D  
Acq: 20 Jul 2021 14:23

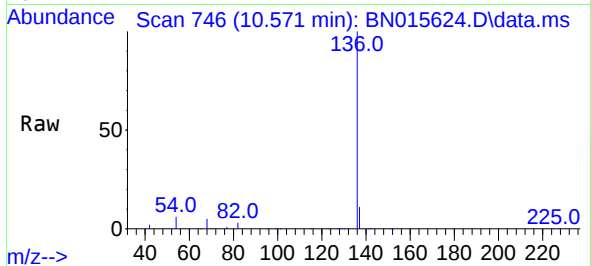
Tgt Ion: 93 Resp: 17858  
Ion Ratio Lower Upper  
93 100  
63 74.5 46.6 70.0#  
95 32.9 28.6 42.8





#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.571 min Scan# 746  
Delta R.T. -0.000 min  
Lab File: BN015624.D  
Acq: 20 Jul 2021 14:23

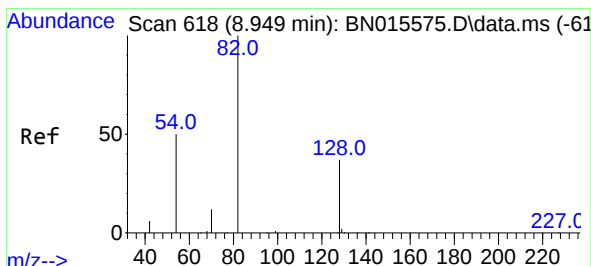
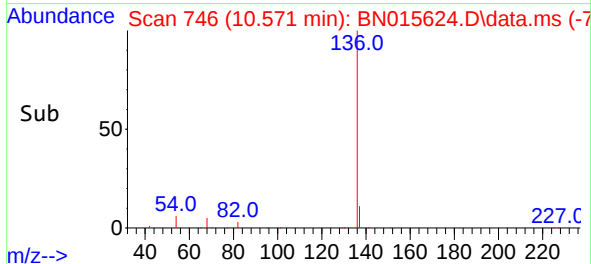
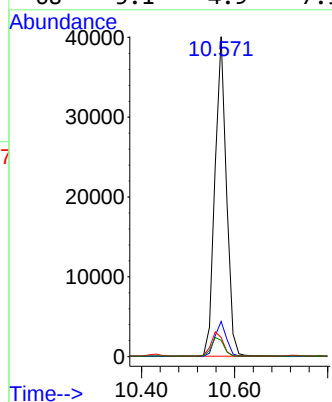
Instrument :  
BNA\_N  
ClientSampleId :  
PB137773BS



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 68607 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 11.0  | 9.8   | 14.8  |
| 54       | 6.0   | 5.4   | 8.2   |
| 68       | 5.1   | 4.9   | 7.3   |

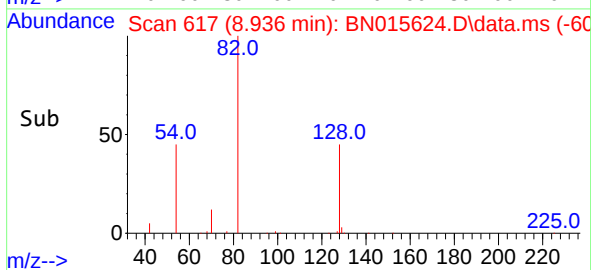
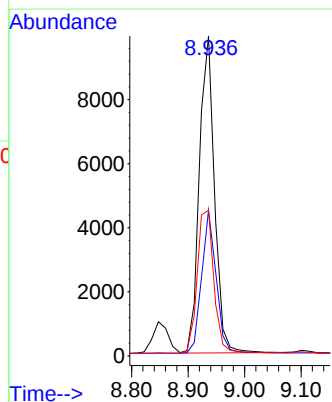
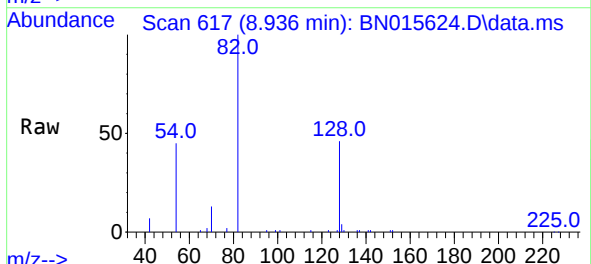
Manual Integrations  
APPROVED

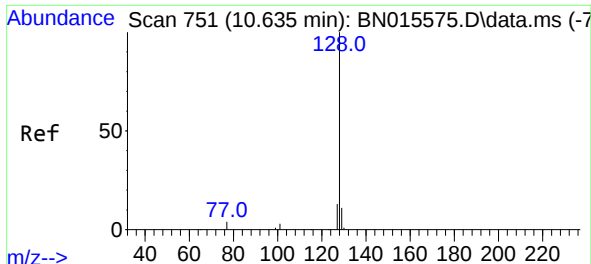
mohammad  
7/21/2021 11:28:05 AM



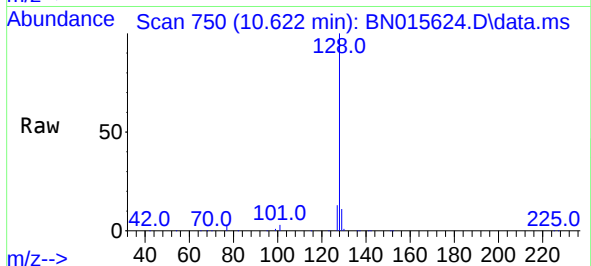
#8  
Nitrobenzene-d5  
Concen: 0.376 ng  
RT: 8.936 min Scan# 617  
Delta R.T. -0.000 min  
Lab File: BN015624.D  
Acq: 20 Jul 2021 14:23

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 18529 |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 45.6  | 31.6  | 47.4  |
| 54       | 45.5  | 29.0  | 43.4  |

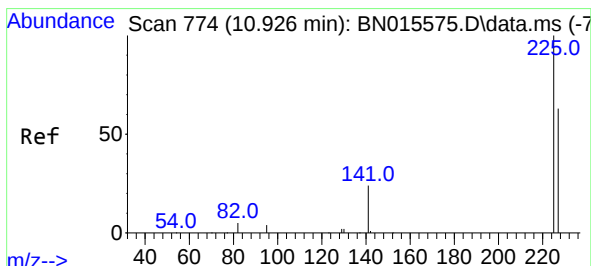
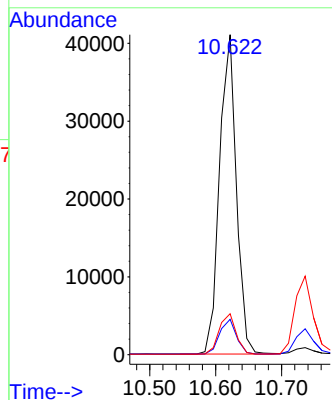
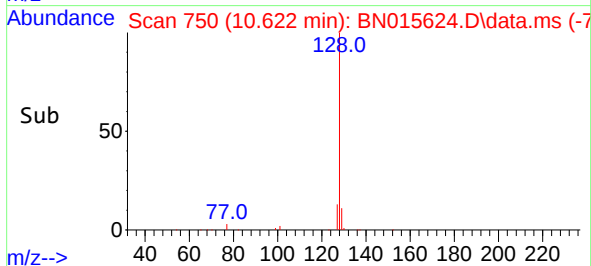




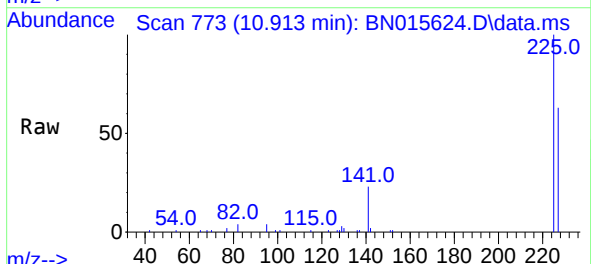
#9  
Naphthalene  
Concen: 0.364 ng  
RT: 10.622 min Scan# 750  
Delta R.T. -0.000 min  
Lab File: BN015624.D  
Acq: 20 Jul 2021 14:23



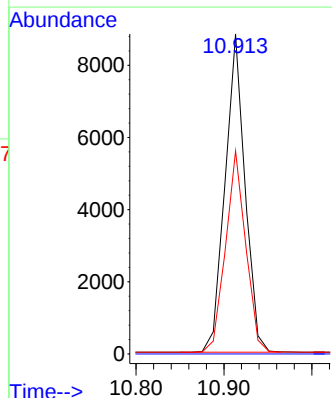
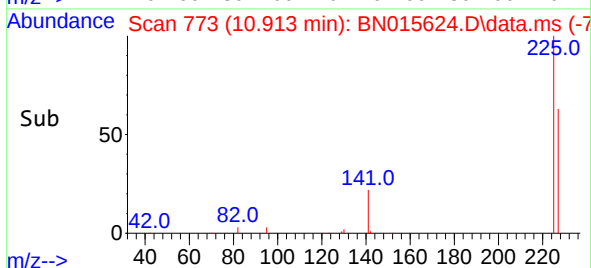
Tgt Ion:128 Resp: 72555  
Ion Ratio Lower Upper  
128 100  
129 11.1 9.1 13.7  
127 12.8 11.8 17.6



#10  
Hexachlorobutadiene  
Concen: 0.374 ng  
RT: 10.913 min Scan# 773  
Delta R.T. -0.000 min  
Lab File: BN015624.D  
Acq: 20 Jul 2021 14:23



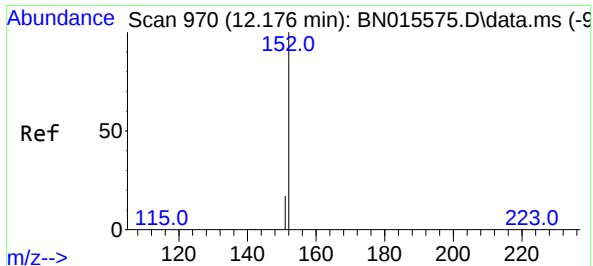
Tgt Ion:225 Resp: 13912  
Ion Ratio Lower Upper  
225 100  
223 0.0 0.0 0.0  
227 63.8 50.2 75.2



Instrument :  
BNA\_N  
ClientSampleId :  
PB137773BS

Manual Integrations  
APPROVED

mohammad  
7/21/2021 11:28:05 AM



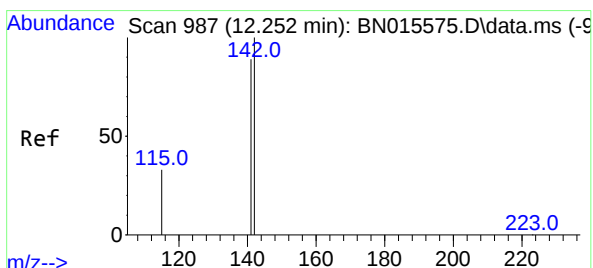
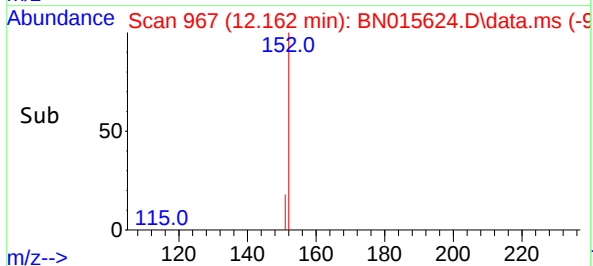
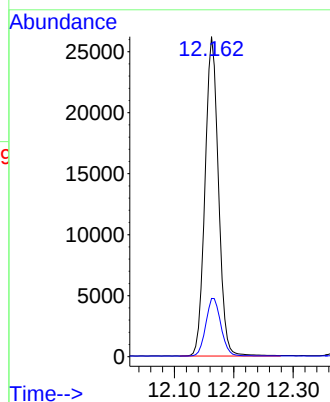
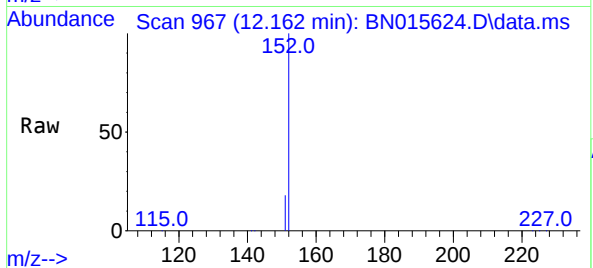
#11  
2-Methylnaphthalene-d10  
Concen: 0.363 ng  
RT: 12.162 min Scan# 967  
Delta R.T. -0.000 min  
Lab File: BN015624.D  
Acq: 20 Jul 2021 14:23

Tgt Ion:152 Resp: 41009  
Ion Ratio Lower Upper  
152 100  
151 20.4 16.7 25.1

Instrument :  
BNA\_N  
ClientSampleId :  
PB137773BS

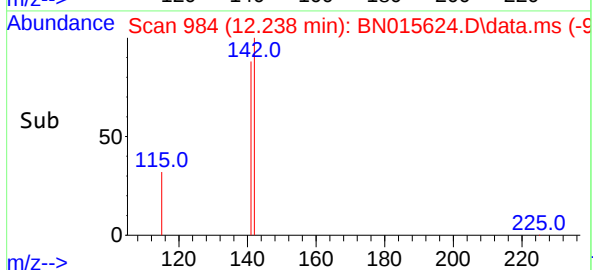
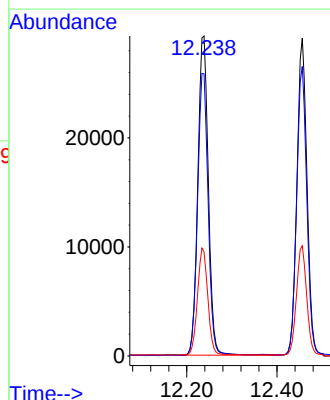
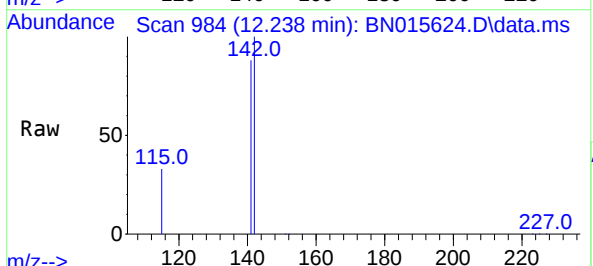
Manual Integrations  
APPROVED

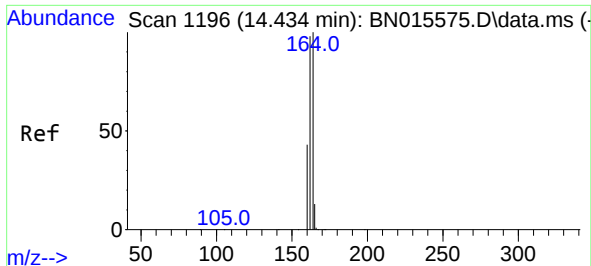
mohammad  
7/21/2021 11:28:05 AM



#12  
2-Methylnaphthalene  
Concen: 0.376 ng  
RT: 12.238 min Scan# 984  
Delta R.T. 0.004 min  
Lab File: BN015624.D  
Acq: 20 Jul 2021 14:23

Tgt Ion:142 Resp: 47480  
Ion Ratio Lower Upper  
142 100  
141 88.1 72.3 108.5  
115 32.5 40.7 61.1#





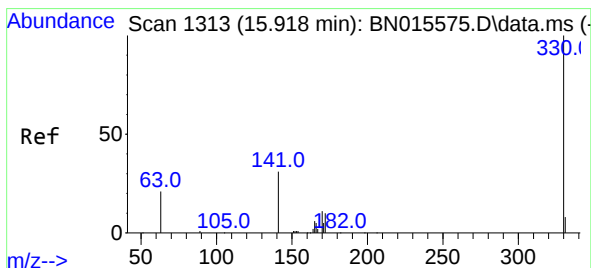
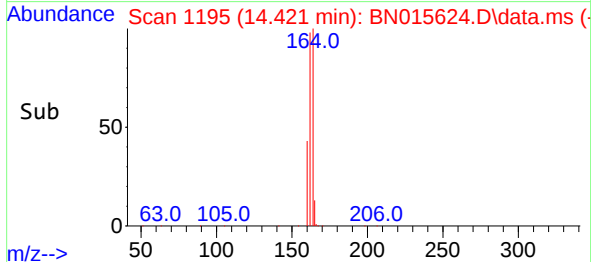
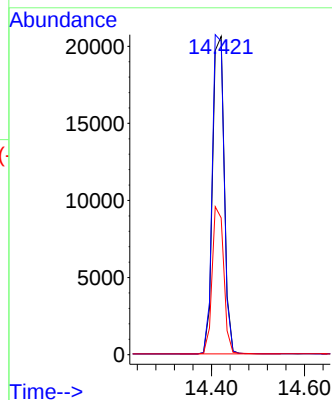
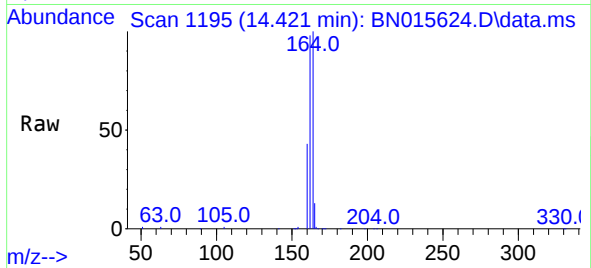
#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.421 min Scan# 1195  
Delta R.T. 0.012 min  
Lab File: BN015624.D  
Acq: 20 Jul 2021 14:23

Tgt Ion:164 Resp: 36063  
Ion Ratio Lower Upper  
164 100  
162 98.5 83.8 125.6  
160 43.0 37.4 56.0

Instrument :  
BNA\_N  
ClientSampleId :  
PB137773BS

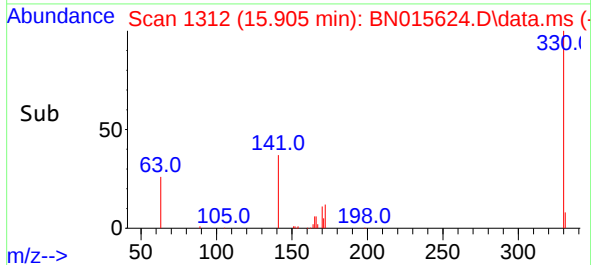
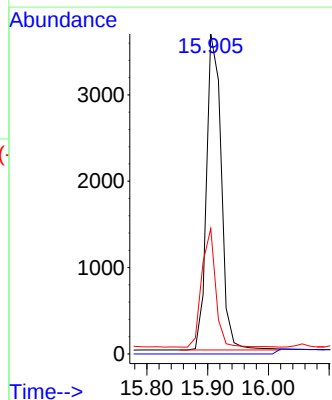
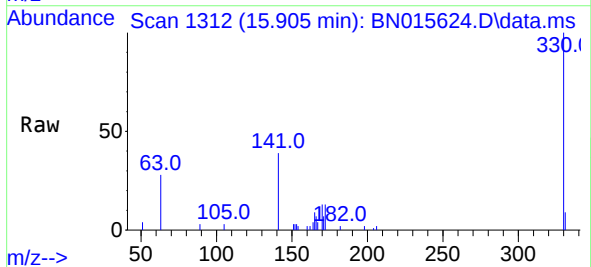
Manual Integrations  
APPROVED

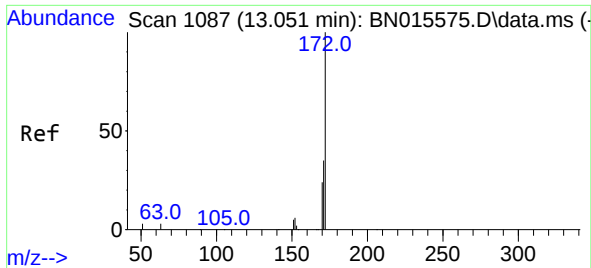
mohammad  
7/21/2021 11:28:05 AM



#14  
2,4,6-Tribromophenol  
Concen: 0.470 ng  
RT: 15.905 min Scan# 1312  
Delta R.T. -0.000 min  
Lab File: BN015624.D  
Acq: 20 Jul 2021 14:23

Tgt Ion:330 Resp: 6196  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 35.2 22.4 33.6#





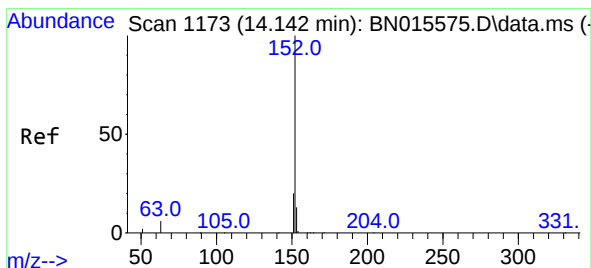
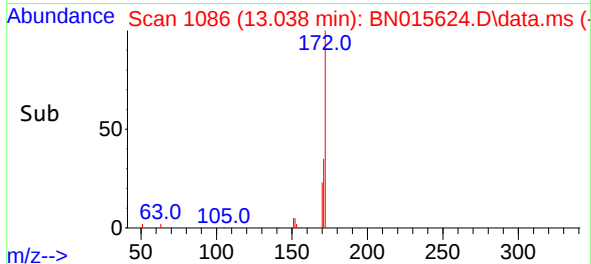
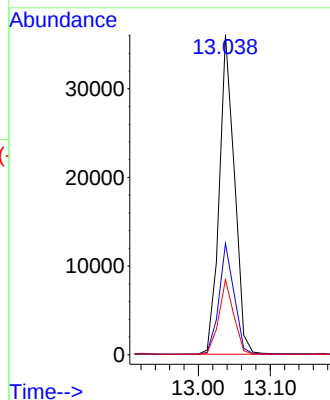
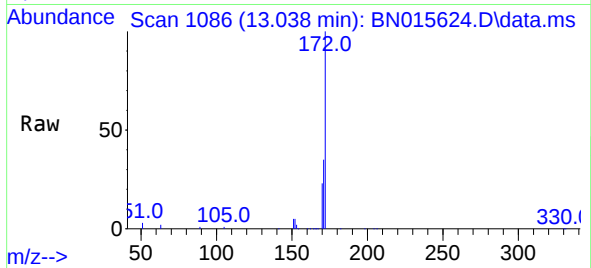
#15  
2-Fluorobiphenyl  
Concen: 0.364 ng  
RT: 13.038 min Scan# 1086  
Delta R.T. -0.000 min  
Lab File: BN015624.D  
Acq: 20 Jul 2021 14:23

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 172   | Resp: | 53012 |
| Ion Ratio | Lower | Upper |       |
| 172       | 100   |       |       |
| 171       | 34.7  | 30.6  | 45.8  |
| 170       | 23.4  | 20.2  | 30.4  |

Instrument :  
BNA\_N  
ClientSampleId :  
PB137773BS

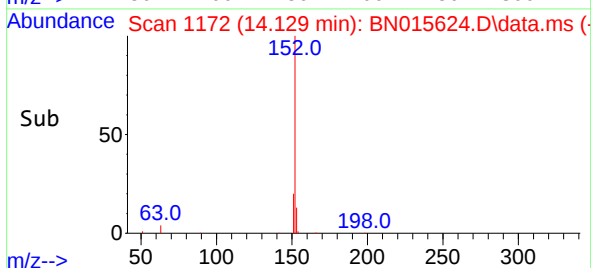
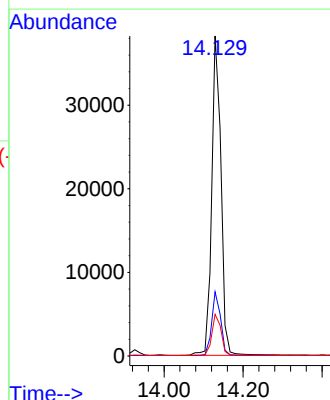
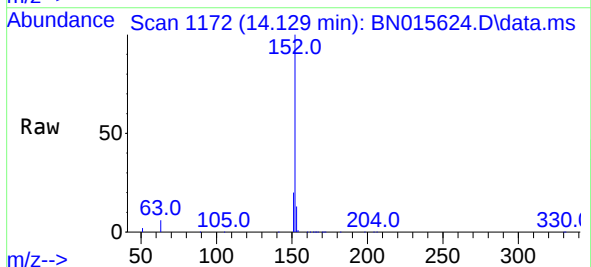
Manual Integrations  
APPROVED

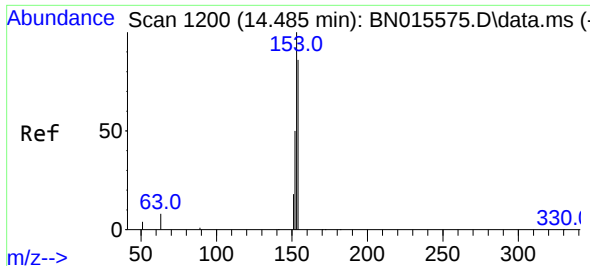
mohammad  
7/21/2021 11:28:05 AM



#16  
Acenaphthylene  
Concen: 0.370 ng  
RT: 14.129 min Scan# 1172  
Delta R.T. -0.000 min  
Lab File: BN015624.D  
Acq: 20 Jul 2021 14:23

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 152   | Resp: | 62065 |
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 151       | 19.3  | 16.7  | 25.1  |
| 153       | 13.0  | 10.5  | 15.7  |





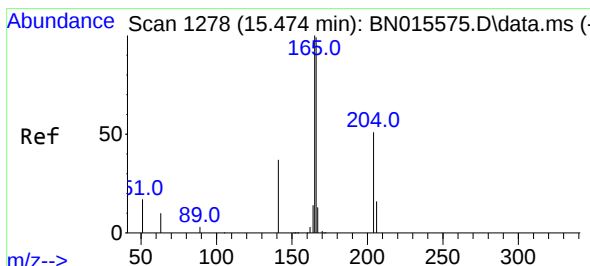
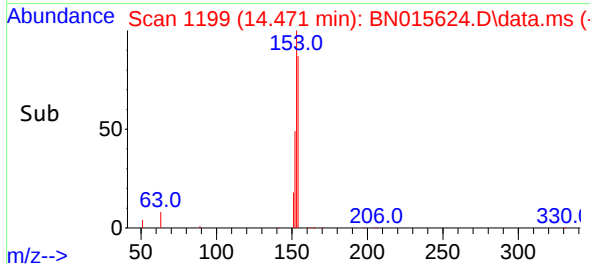
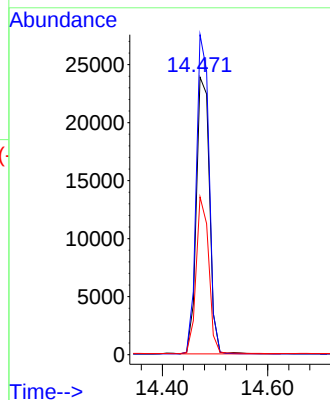
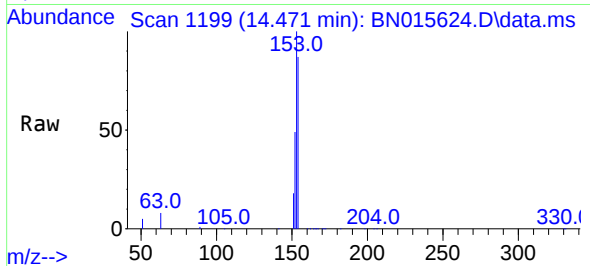
#17  
Acenaphthene  
Concen: 0.371 ng  
RT: 14.471 min Scan# 1199  
Delta R.T. -0.000 min  
Lab File: BN015624.D  
Acq: 20 Jul 2021 14:23

Instrument :  
BNA\_N  
ClientSampleId :  
PB137773BS

Tgt Ion:154 Resp: 41631  
Ion Ratio Lower Upper  
154 100  
153 112.0 90.9 136.3  
152 54.1 45.8 68.8

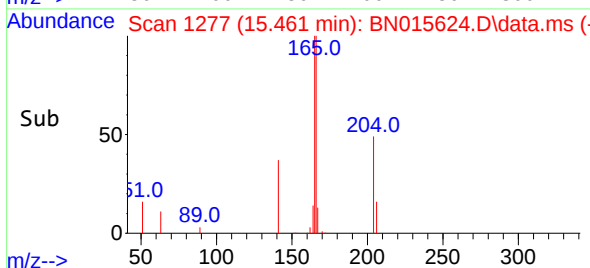
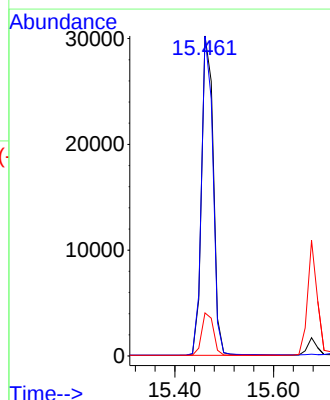
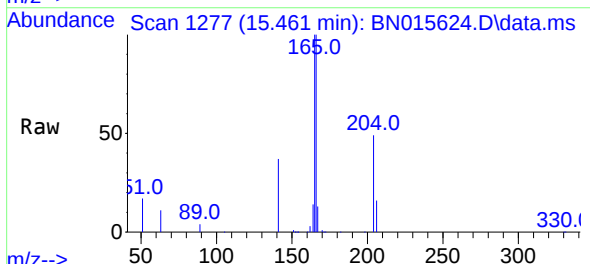
Manual Integrations  
APPROVED

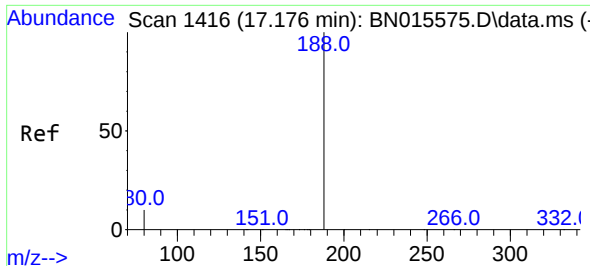
mohammad  
7/21/2021 11:28:05 AM



#18  
Fluorene  
Concen: 0.372 ng  
RT: 15.461 min Scan# 1277  
Delta R.T. -0.000 min  
Lab File: BN015624.D  
Acq: 20 Jul 2021 14:23

Tgt Ion:166 Resp: 50006  
Ion Ratio Lower Upper  
166 100  
165 97.4 79.2 118.8  
167 13.4 10.7 16.1





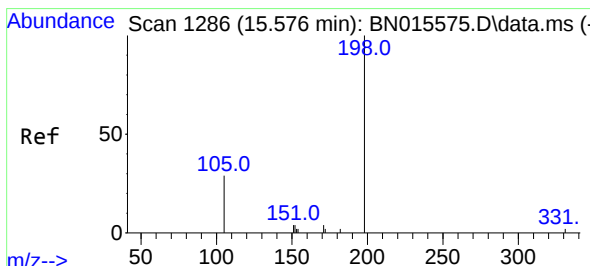
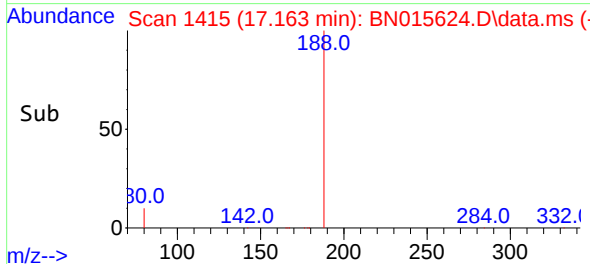
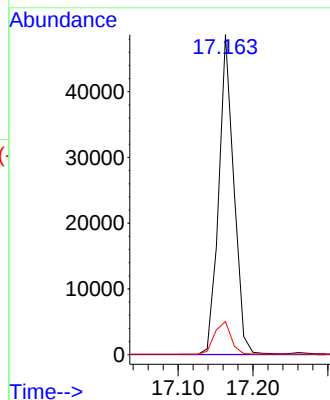
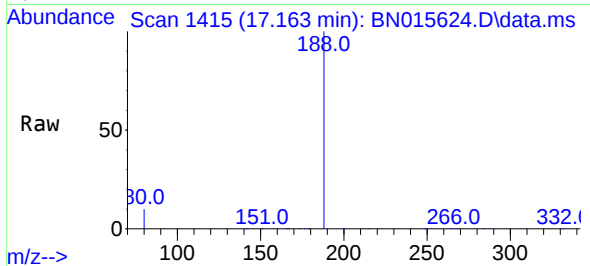
#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.163 min Scan# 1415  
Delta R.T. -0.000 min  
Lab File: BN015624.D  
Acq: 20 Jul 2021 14:23

Tgt Ion:188 Resp: 68026  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 10.4 9.0 13.4

Instrument :  
BNA\_N  
ClientSampleId :  
PB137773BS

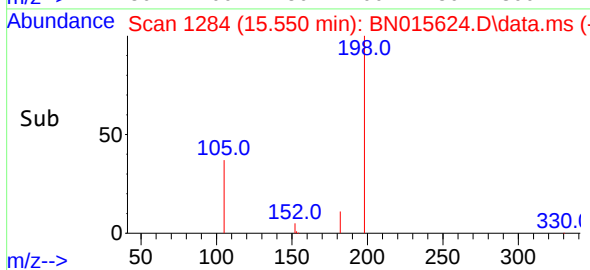
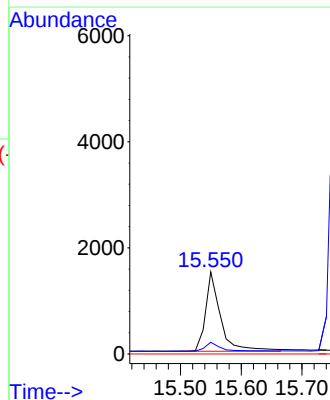
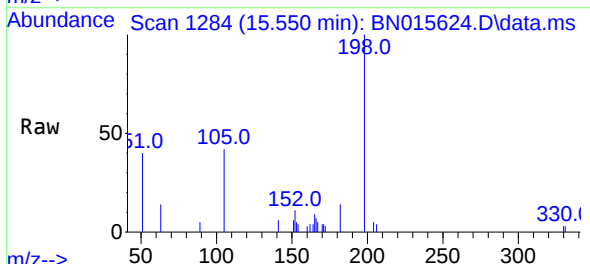
Manual Integrations  
APPROVED

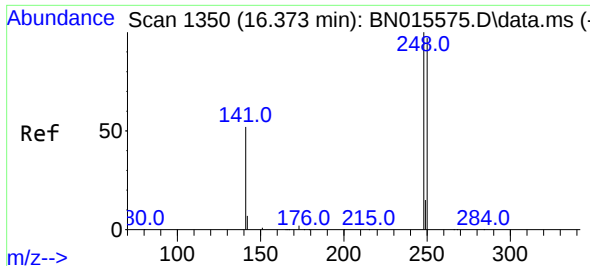
mohammad  
7/21/2021 11:28:05 AM



#20  
4,6-Dinitro-2-methylphenol  
Concen: 1.303 ng  
RT: 15.550 min Scan# 1284  
Delta R.T. -0.000 min  
Lab File: BN015624.D  
Acq: 20 Jul 2021 14:23

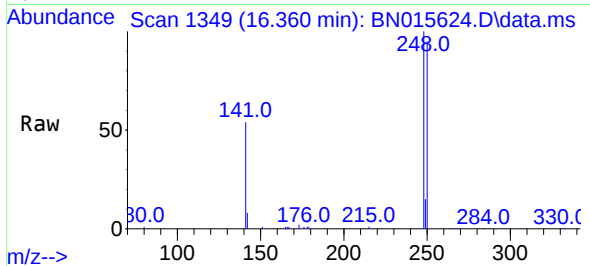
Tgt Ion:198 Resp: 2570  
Ion Ratio Lower Upper  
198 100  
182 14.2 34.5 51.7#  
77 0.0 0.0 0.0





#21  
4-Bromophenyl-phenylether  
Concen: 0.359 ng  
RT: 16.360 min Scan# 1349  
Delta R.T. -0.000 min  
Lab File: BN015624.D  
Acq: 20 Jul 2021 14:23

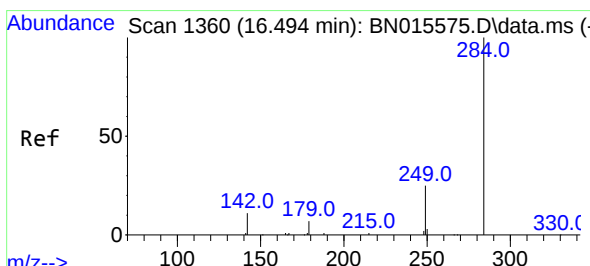
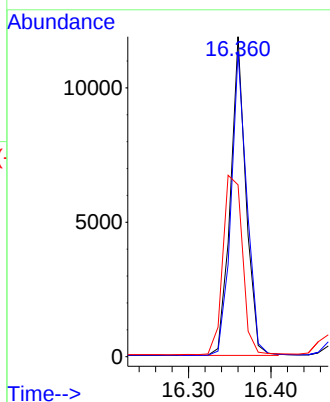
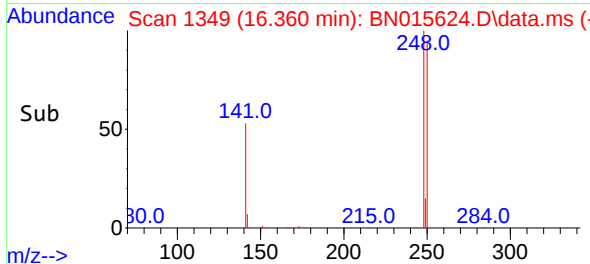
Instrument :  
BNA\_N  
ClientSampleId :  
PB137773BS



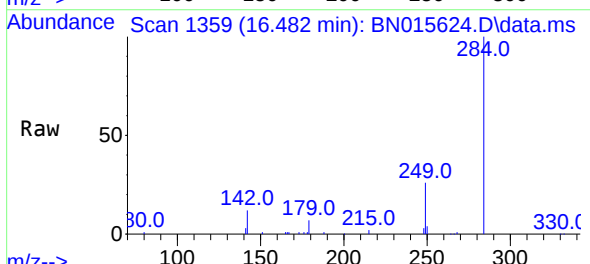
Tgt Ion:248 Resp: 15515  
Ion Ratio Lower Upper  
248 100  
250 95.4 86.2 129.4  
141 53.7 36.2 54.2

Manual Integrations  
APPROVED

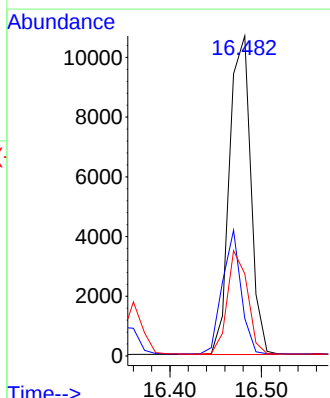
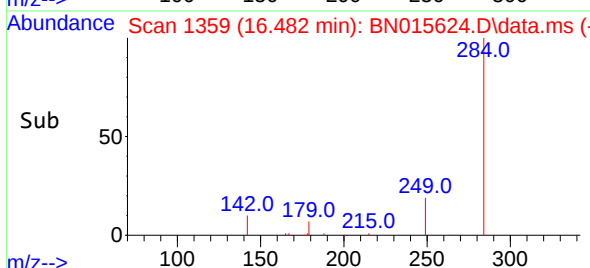
mohammad  
7/21/2021 11:28:05 AM

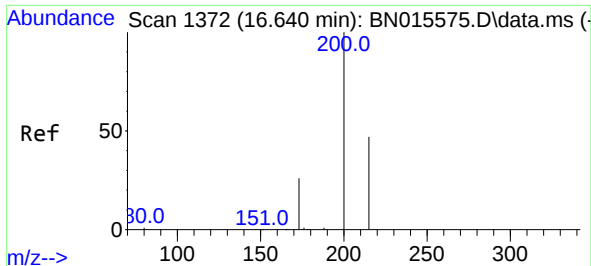


#22  
Hexachlorobenzene  
Concen: 0.354 ng  
RT: 16.482 min Scan# 1359  
Delta R.T. 0.012 min  
Lab File: BN015624.D  
Acq: 20 Jul 2021 14:23

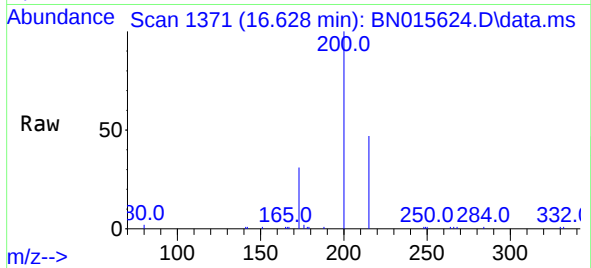


Tgt Ion:284 Resp: 17187  
Ion Ratio Lower Upper  
284 100  
142 34.1 22.2 33.2#  
249 30.9 26.6 39.8

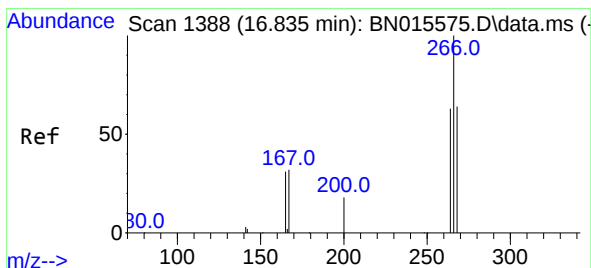
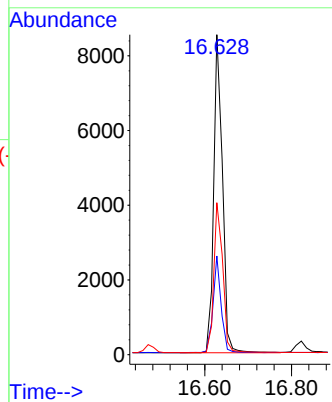
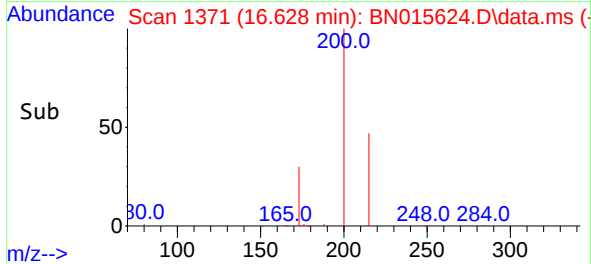




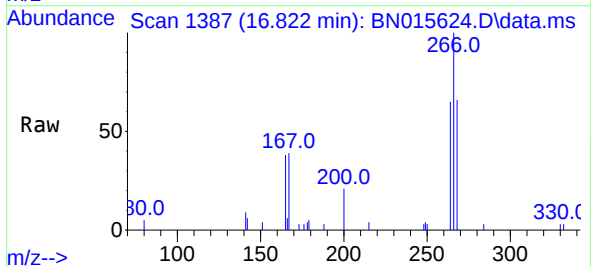
#23  
Atrazine  
Concen: 0.401 ng  
RT: 16.628 min Scan# 1371  
Delta R.T. -0.000 min  
Lab File: BN015624.D  
Acq: 20 Jul 2021 14:23



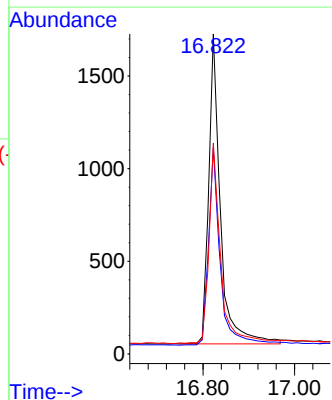
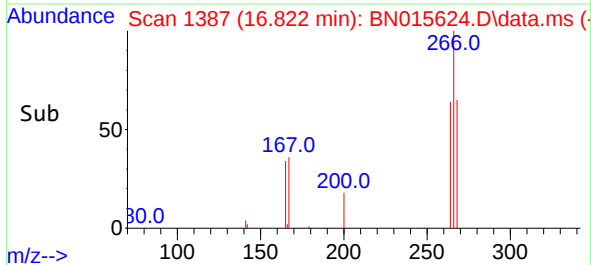
Tgt Ion: 200 Resp: 11869  
Ion Ratio Lower Upper  
200 100  
173 30.9 21.7 32.5  
215 47.5 43.1 64.7



#24  
Pentachlorophenol  
Concen: 0.505 ng  
RT: 16.822 min Scan# 1387  
Delta R.T. -0.000 min  
Lab File: BN015624.D  
Acq: 20 Jul 2021 14:23



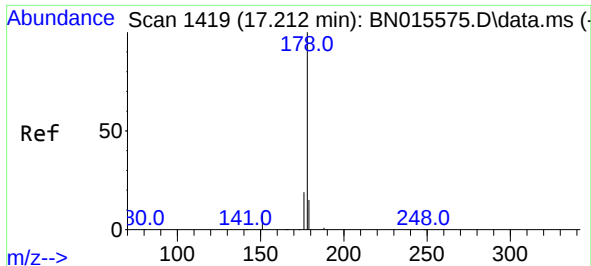
Tgt Ion: 266 Resp: 2973  
Ion Ratio Lower Upper  
266 100  
264 63.8 51.0 76.4  
268 63.7 50.6 76.0



Instrument :  
BNA\_N  
ClientSampleId :  
PB137773BS

Manual Integrations  
APPROVED

mohammad  
7/21/2021 11:28:05 AM



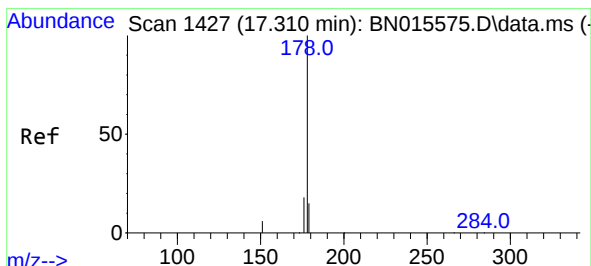
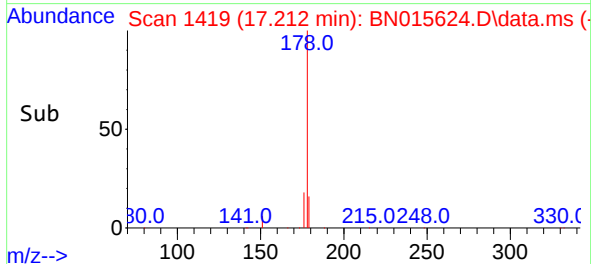
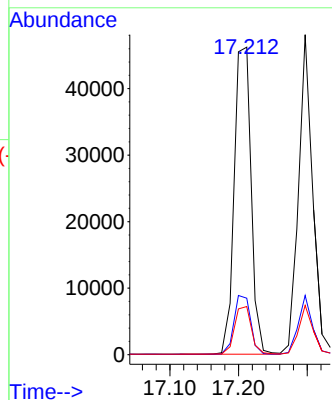
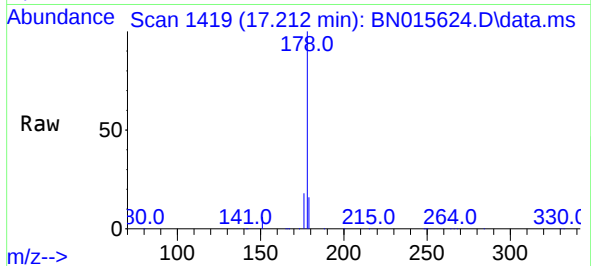
#25  
Phenanthrene  
Concen: 0.361 ng  
RT: 17.212 min Scan# 1419  
Delta R.T. 0.012 min  
Lab File: BN015624.D  
Acq: 20 Jul 2021 14:23

Tgt Ion:178 Resp: 79276  
Ion Ratio Lower Upper  
178 100  
176 18.9 15.6 23.4  
179 15.5 12.1 18.1

Instrument :  
BNA\_N  
ClientSampleId :  
PB137773BS

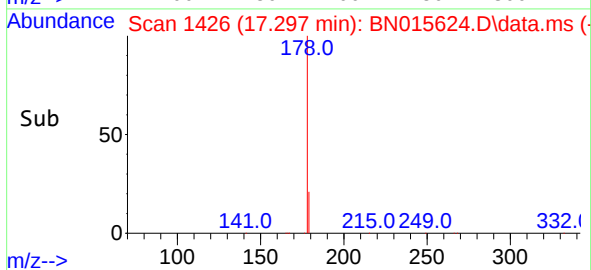
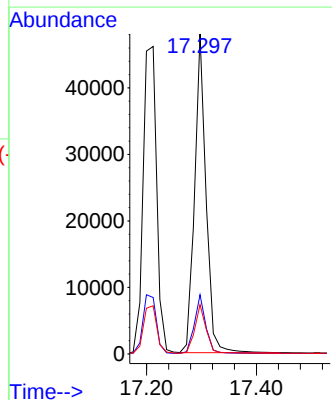
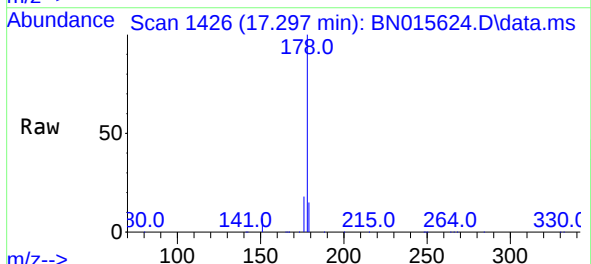
Manual Integrations  
APPROVED

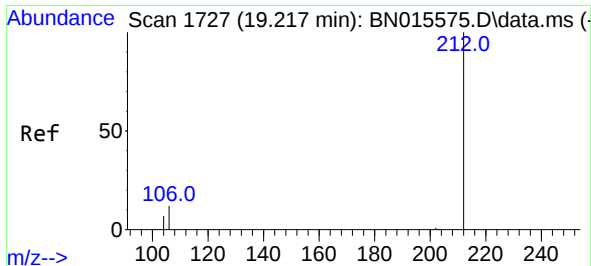
mohammad  
7/21/2021 11:28:05 AM



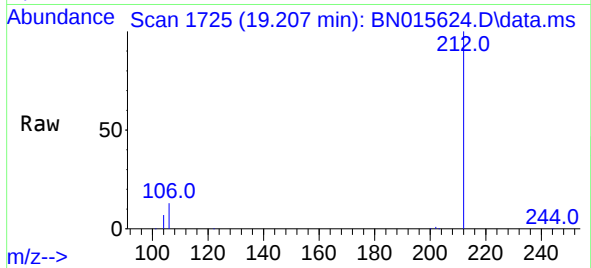
#26  
Anthracene  
Concen: 0.366 ng  
RT: 17.297 min Scan# 1426  
Delta R.T. -0.000 min  
Lab File: BN015624.D  
Acq: 20 Jul 2021 14:23

Tgt Ion:178 Resp: 69054  
Ion Ratio Lower Upper  
178 100  
176 18.2 15.1 22.7  
179 15.3 12.2 18.2

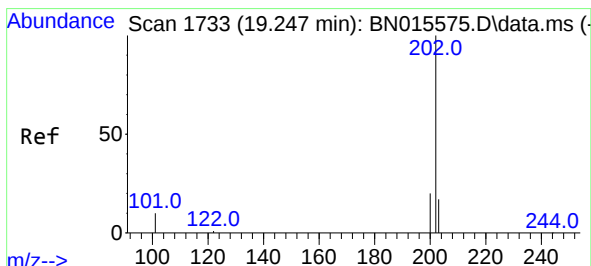
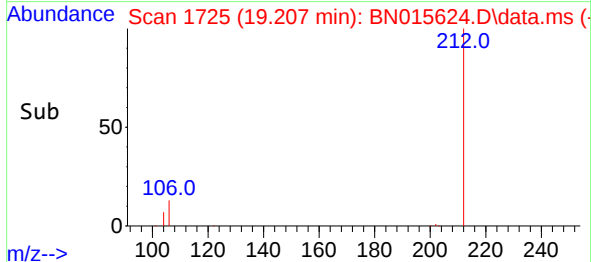
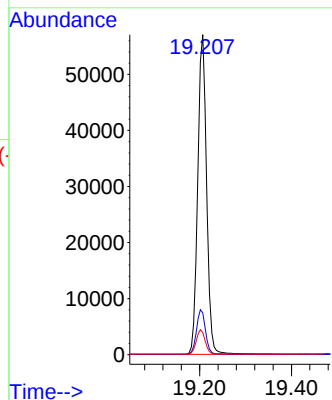




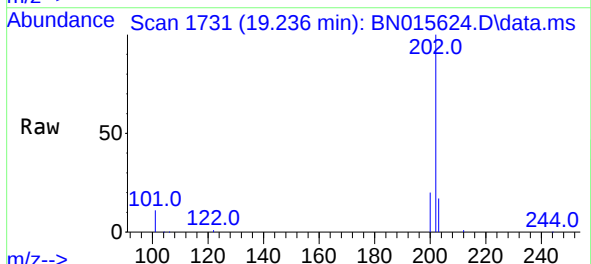
#27  
Fluoranthene-d10  
Concen: 0.372 ng  
RT: 19.207 min Scan# 1725  
Delta R.T. 0.005 min  
Lab File: BN015624.D  
Acq: 20 Jul 2021 14:23



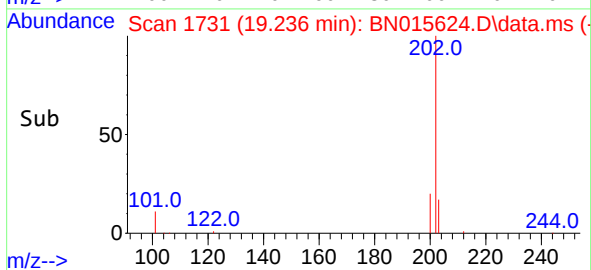
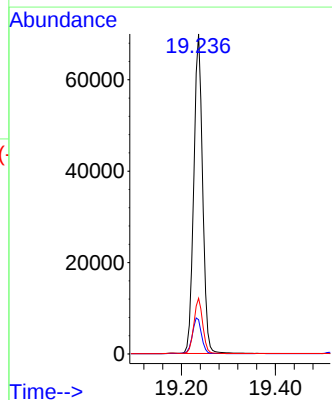
Tgt Ion:212 Resp: 76398  
Ion Ratio Lower Upper  
212 100  
106 14.1 7.0 10.6#  
104 7.7 4.1 6.1#



#28  
Fluoranthene  
Concen: 0.383 ng  
RT: 19.236 min Scan# 1731  
Delta R.T. 0.005 min  
Lab File: BN015624.D  
Acq: 20 Jul 2021 14:23



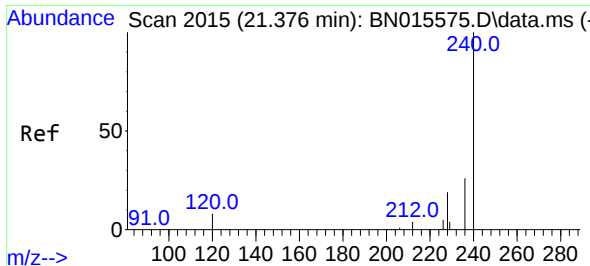
Tgt Ion:202 Resp: 91106  
Ion Ratio Lower Upper  
202 100  
101 11.7 6.6 10.0#  
203 17.3 13.9 20.9



Instrument :  
BNA\_N  
ClientSampleId :  
PB137773BS

Manual Integrations  
APPROVED

mohammad  
7/21/2021 11:28:05 AM



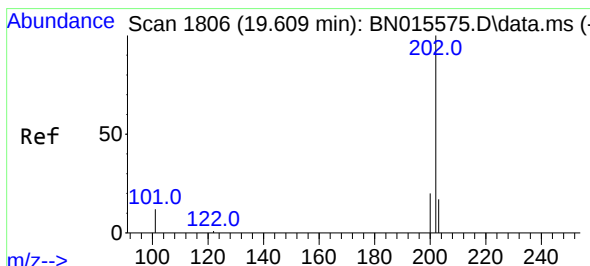
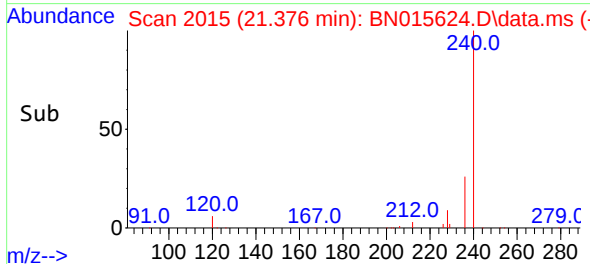
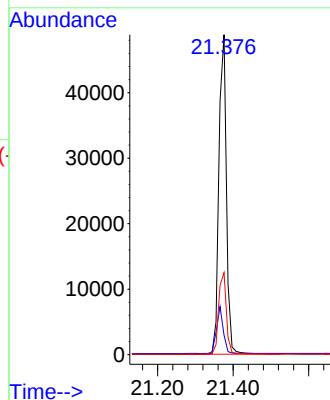
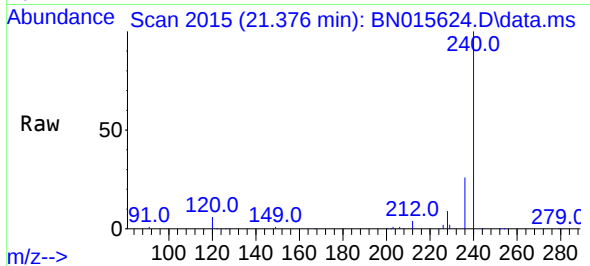
#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.376 min Scan# 2015  
Delta R.T. 0.010 min  
Lab File: BN015624.D  
Acq: 20 Jul 2021 14:23

Tgt Ion:240 Resp: 67548  
Ion Ratio Lower Upper  
240 100  
120 6.1 4.2 6.4  
236 25.6 21.4 32.2

Instrument :  
BNA\_N  
ClientSampleId :  
PB137773BS

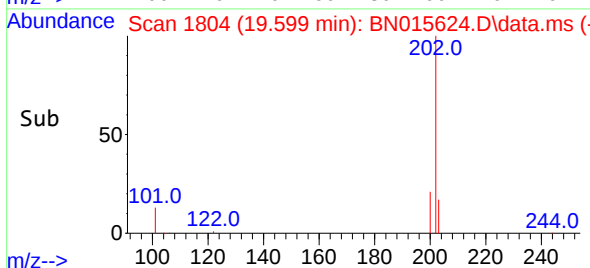
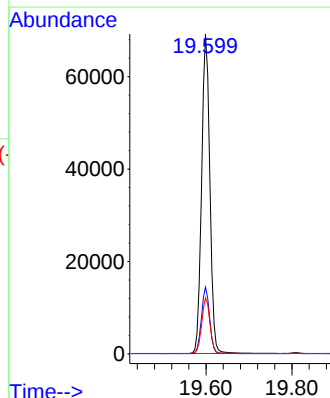
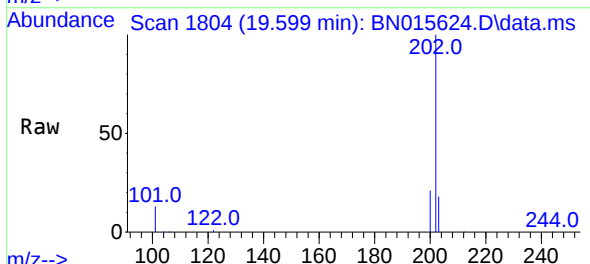
Manual Integrations  
APPROVED

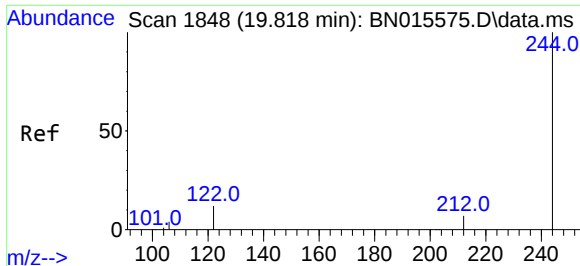
mohammad  
7/21/2021 11:28:05 AM



#30  
Pyrene  
Concen: 0.355 ng  
RT: 19.599 min Scan# 1804  
Delta R.T. 0.005 min  
Lab File: BN015624.D  
Acq: 20 Jul 2021 14:23

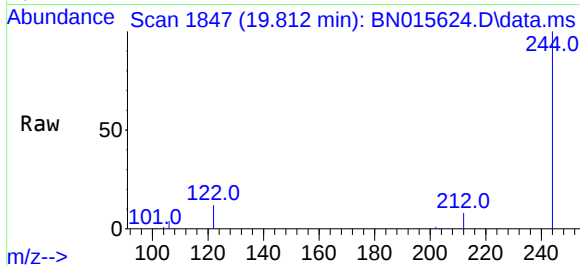
Tgt Ion:202 Resp: 92071  
Ion Ratio Lower Upper  
202 100  
200 20.6 16.9 25.3  
203 17.5 13.9 20.9





#31  
Terphenyl-d14  
Concen: 0.356 ng  
RT: 19.812 min Scan# 1847  
Delta R.T. 0.005 min  
Lab File: BN015624.D  
Acq: 20 Jul 2021 14:23

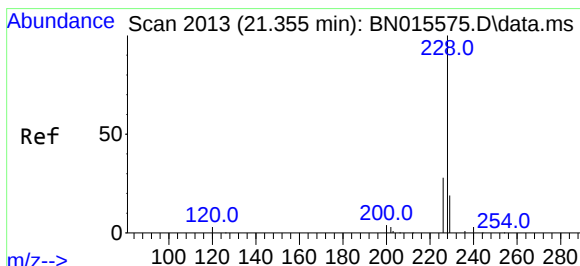
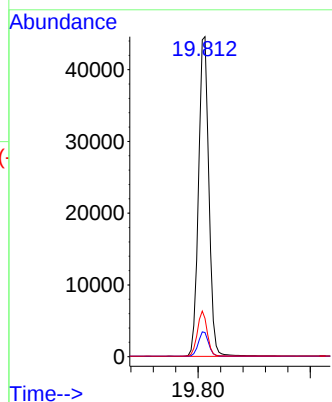
Instrument :  
BNA\_N  
ClientSampleId :  
PB137773BS



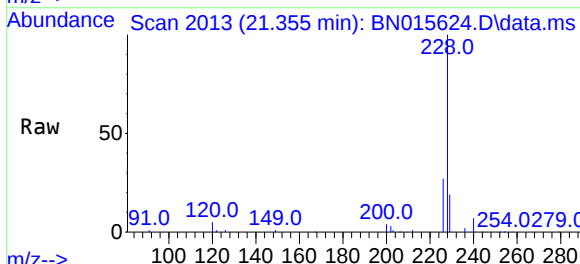
Tgt Ion:244 Resp: 56995  
Ion Ratio Lower Upper  
244 100  
212 7.5 6.3 9.5  
122 11.9 6.2 9.2#

Manual Integrations  
APPROVED

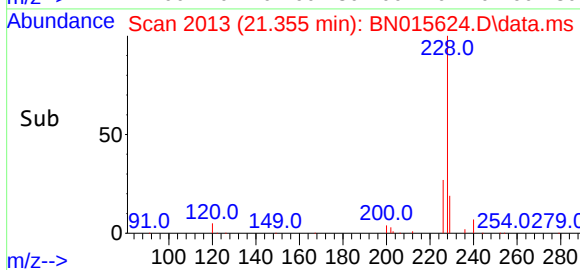
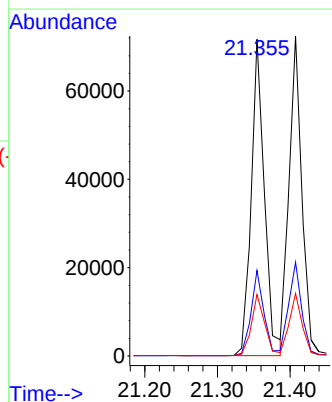
mohammad  
7/21/2021 11:28:05 AM

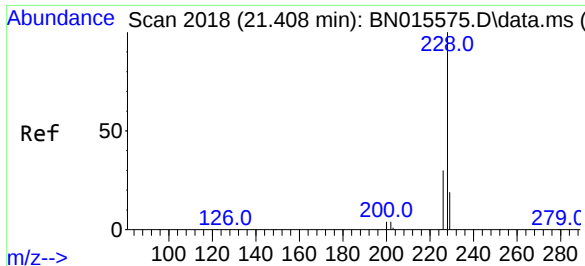


#32  
Benzo(a)anthracene  
Concen: 0.383 ng  
RT: 21.355 min Scan# 2013  
Delta R.T. 0.010 min  
Lab File: BN015624.D  
Acq: 20 Jul 2021 14:23



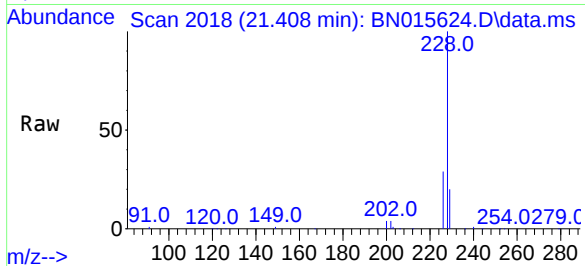
Tgt Ion:228 Resp: 90411  
Ion Ratio Lower Upper  
228 100  
226 27.0 23.0 34.6  
229 19.4 15.7 23.5





#33  
Chrysene  
Concen: 0.356 ng  
RT: 21.408 min Scan# 2018  
Delta R.T. 0.010 min  
Lab File: BN015624.D  
Acq: 20 Jul 2021 14:23

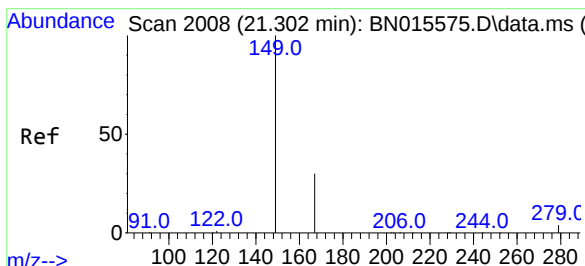
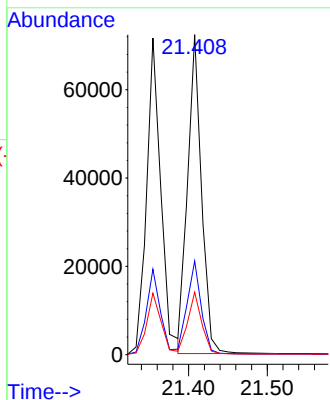
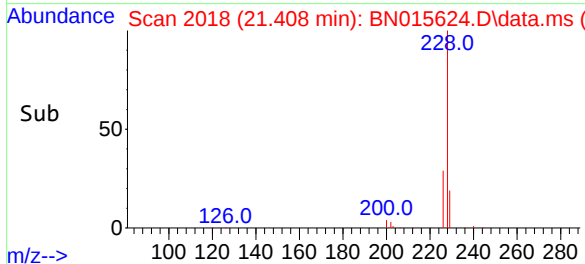
Instrument :  
BNA\_N  
ClientSampleId :  
PB137773BS



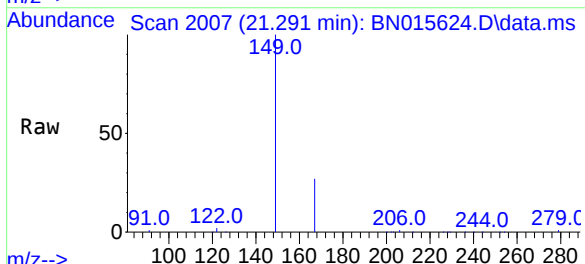
Tgt Ion:228 Resp: 89082  
Ion Ratio Lower Upper  
228 100  
226 29.3 25.0 37.6  
229 19.6 15.9 23.9

Manual Integrations  
APPROVED

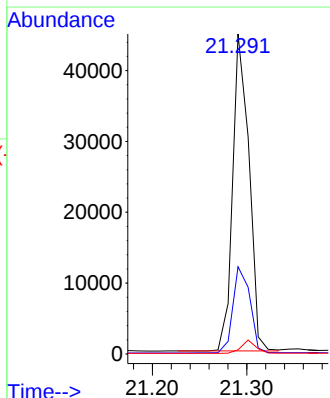
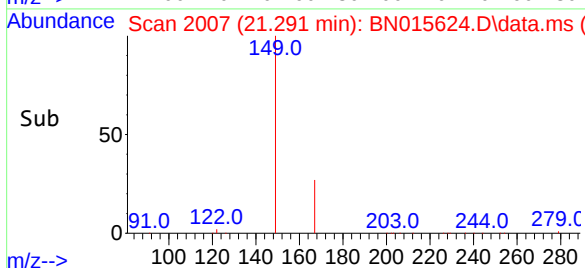
mohammad  
7/21/2021 11:28:05 AM

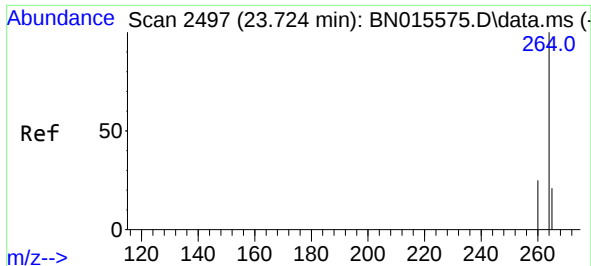


#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.531 ng  
RT: 21.291 min Scan# 2007  
Delta R.T. -0.000 min  
Lab File: BN015624.D  
Acq: 20 Jul 2021 14:23

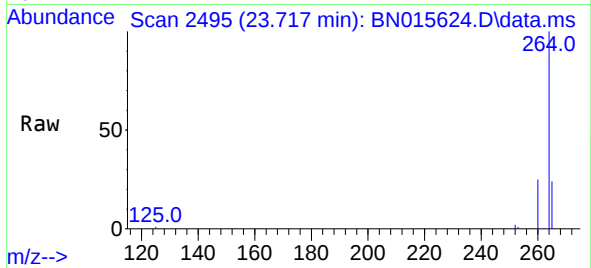


Tgt Ion:149 Resp: 53689  
Ion Ratio Lower Upper  
149 100  
167 28.4 28.9 43.3#  
279 3.7 4.9 7.3#

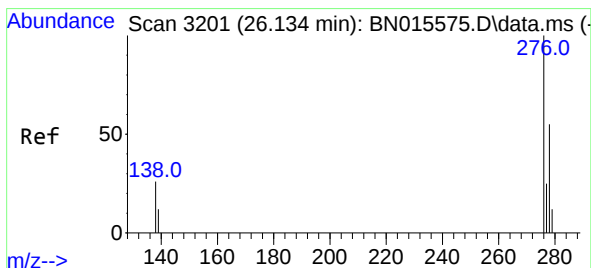
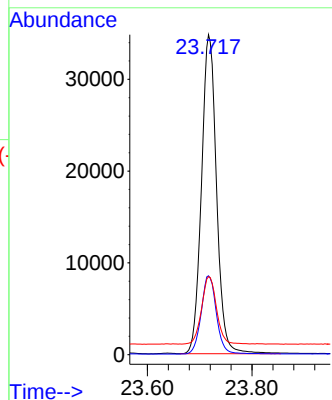
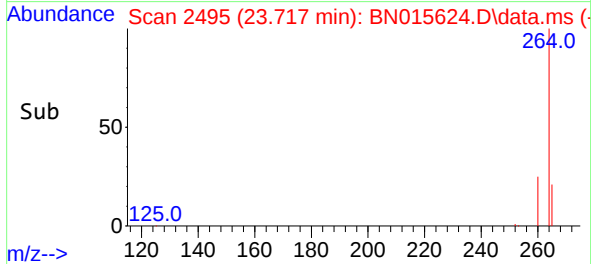




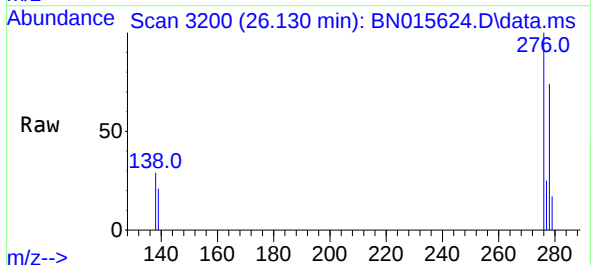
#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.717 min Scan# 2495  
Delta R.T. 0.010 min  
Lab File: BN015624.D  
Acq: 20 Jul 2021 14:23



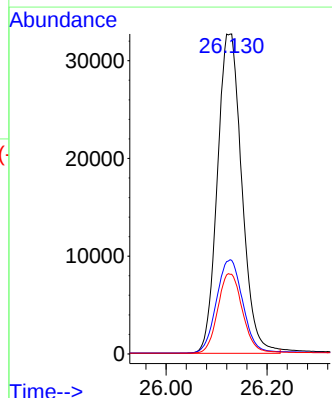
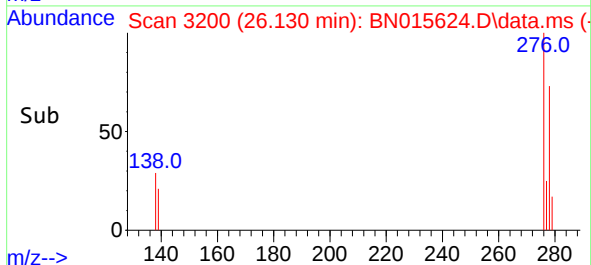
Tgt Ion:264 Resp: 69533  
Ion Ratio Lower Upper  
264 100  
260 24.6 20.6 31.0  
265 24.4 21.4 32.2



#36  
Indeno(1,2,3-cd)pyrene  
Concen: 0.442 ng  
RT: 26.130 min Scan# 3200  
Delta R.T. 0.020 min  
Lab File: BN015624.D  
Acq: 20 Jul 2021 14:23



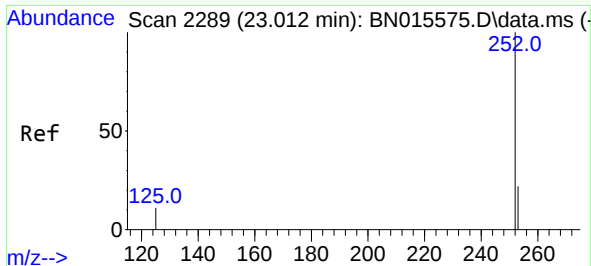
Tgt Ion:276 Resp: 109635  
Ion Ratio Lower Upper  
276 100  
138 31.4 10.0 15.0#  
277 25.1 20.4 30.6



Instrument :  
BNA\_N  
ClientSampleId :  
PB137773BS

Manual Integrations  
APPROVED

mohammad  
7/21/2021 11:28:05 AM



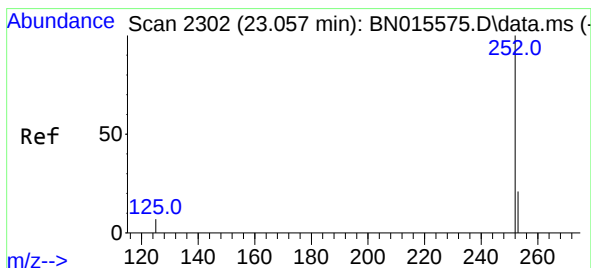
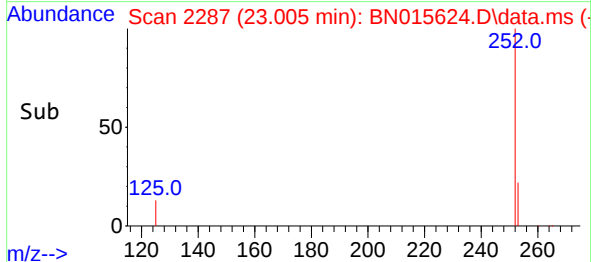
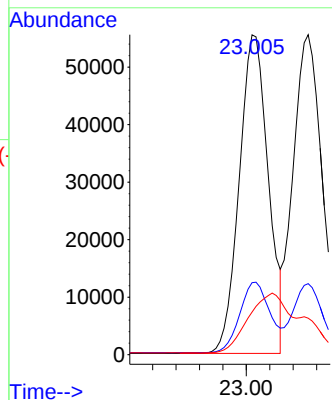
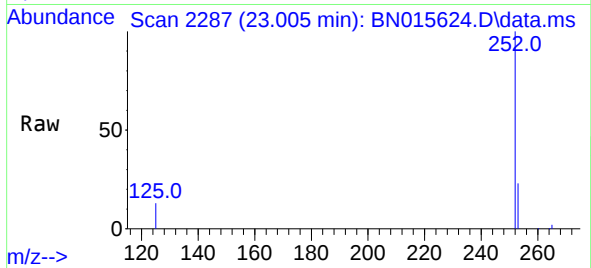
#37  
Benzo(b)fluoranthene  
Concen: 0.349 ng  
RT: 23.005 min Scan# 2287  
Delta R.T. 0.010 min  
Lab File: BN015624.D  
Acq: 20 Jul 2021 14:23

Tgt Ion:252 Resp: 95251  
Ion Ratio Lower Upper  
252 100  
253 22.5 18.5 27.7  
125 13.3 5.8 8.6#

Instrument :  
BNA\_N  
ClientSampleId :  
PB137773BS

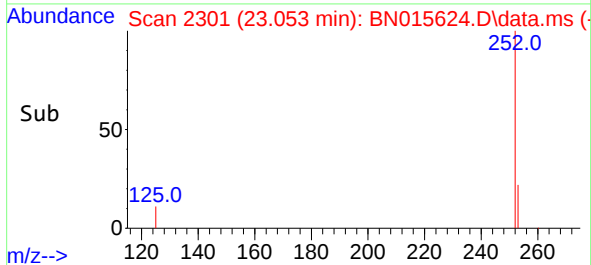
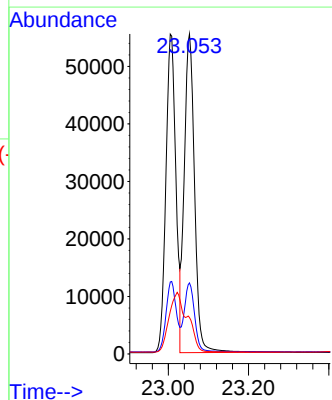
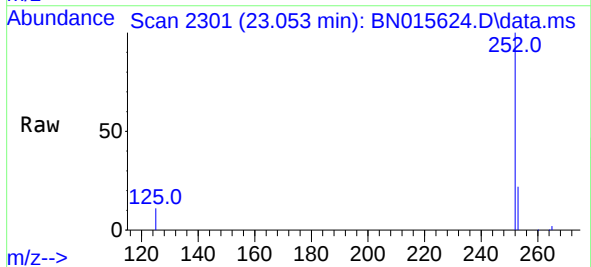
Manual Integrations  
APPROVED

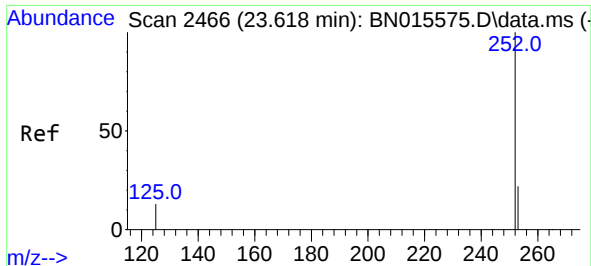
mohammad  
7/21/2021 11:28:05 AM



#38  
Benzo(k)fluoranthene  
Concen: 0.358 ng  
RT: 23.053 min Scan# 2301  
Delta R.T. 0.010 min  
Lab File: BN015624.D  
Acq: 20 Jul 2021 14:23

Tgt Ion:252 Resp: 98576  
Ion Ratio Lower Upper  
252 100  
253 22.2 19.1 28.7  
125 11.4 5.4 8.0#





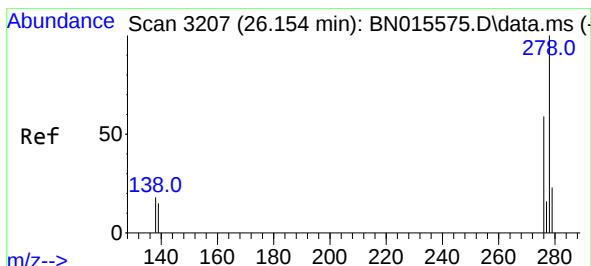
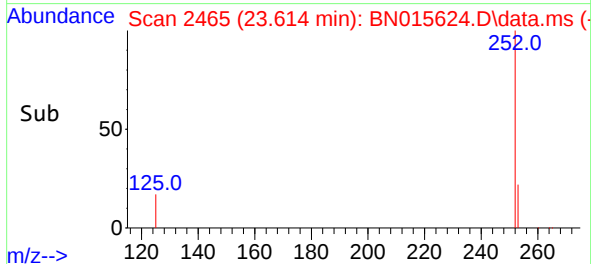
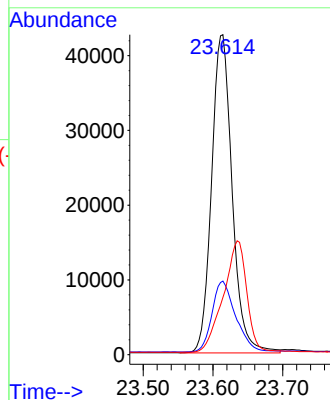
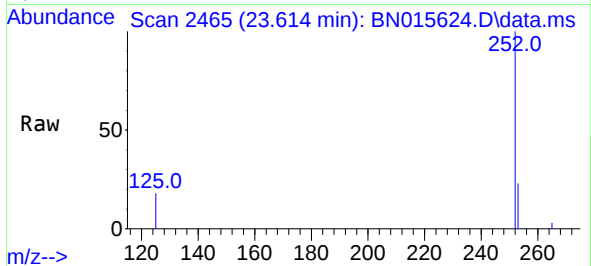
#39  
Benzo(a)pyrene  
Concen: 0.372 ng  
RT: 23.614 min Scan# 2465  
Delta R.T. 0.010 min  
Lab File: BN015624.D  
Acq: 20 Jul 2021 14:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.0  | 19.4  | 29.2  |
| 125     | 17.9  | 7.4   | 11.2# |

Instrument :  
BNA\_N  
ClientSampleId :  
PB137773BS

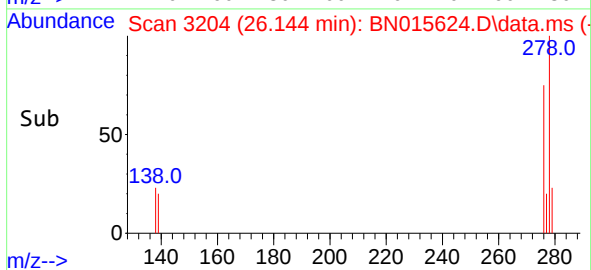
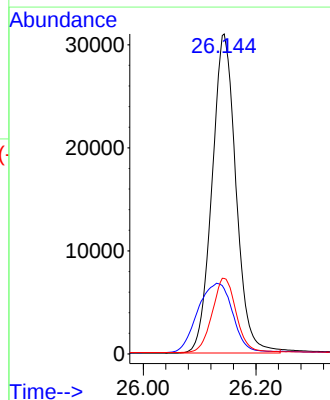
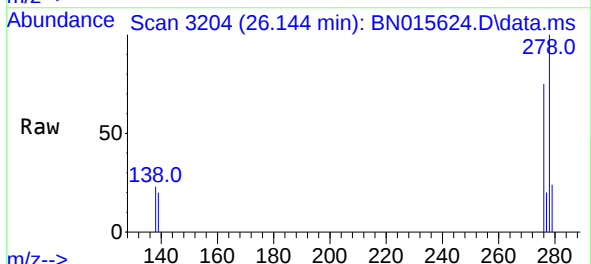
Manual Integrations  
APPROVED

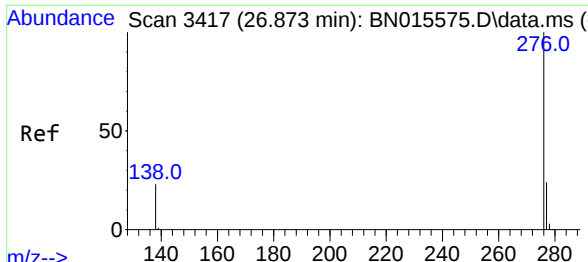
mohammad  
7/21/2021 11:28:05 AM



#40  
Dibenzo(a,h)anthracene  
Concen: 0.467 ng  
RT: 26.144 min Scan# 3204  
Delta R.T. 0.017 min  
Lab File: BN015624.D  
Acq: 20 Jul 2021 14:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 20.4  | 9.0   | 13.4# |
| 279     | 23.6  | 21.0  | 31.4  |





#41  
Benzo(g,h,i)perylene  
Concen: 0.444 ng  
RT: 26.856 min Scan# 3412  
Delta R.T. 0.010 min  
Lab File: BN015624.D  
Acq: 20 Jul 2021 14:23

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 276   | Resp: | 93578 |
| Ion Ratio | Lower | Upper |       |
| 276       | 100   |       |       |
| 277       | 23.9  | 19.7  | 29.5  |
| 138       | 23.5  | 9.8   | 14.6# |

Instrument :  
BNA\_N  
ClientSampleId :  
PB137773BS

Manual Integrations  
APPROVED

mohammad  
7/21/2021 11:28:05 AM

