

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG102921\  
 Data File : BG050792.D  
 Acq On : 30 Oct 2021 00:51  
 Operator : CG/JU  
 Sample : M4406-03  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 CHRT-27334

Quant Time: Oct 30 01:39:52 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG100621.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 14 10:56:22 2021  
 Response via : Initial Calibration

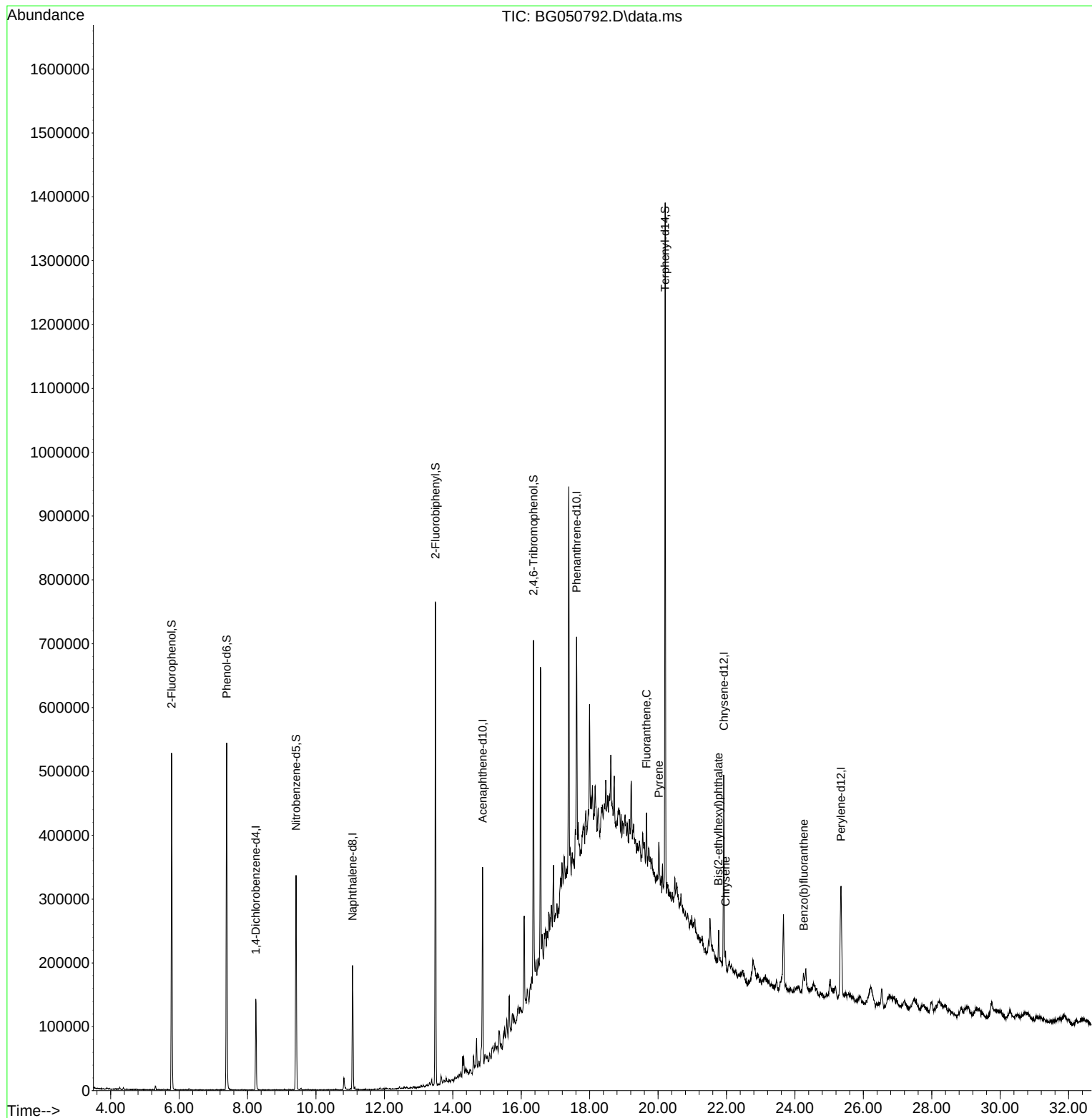
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.243  | 152  | 38650    | 20.000 | ng    | -0.01    |
| 21) Naphthalene-d8            | 11.069 | 136  | 167551   | 20.000 | ng    | #-0.02   |
| 39) Acenaphthene-d10          | 14.871 | 164  | 104182   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.621 | 188  | 196523   | 20.000 | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.921 | 240  | 179229   | 20.000 | ng    | # 0.00   |
| 86) Perylene-d12              | 25.347 | 264  | 181735   | 20.000 | ng    | 0.01     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.781  | 112  | 229712   | 88.885 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.391  | 99   | 314990   | 84.184 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.418  | 82   | 217603   | 53.762 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.357 | 330  | 81167    | 81.681 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.496 | 172  | 389188   | 56.223 | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.206 | 244  | 484304   | 52.660 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 75) Fluoranthene              | 19.659 | 202  | 46932    | 3.687  | ng    | 93       |
| 78) Pyrene                    | 20.024 | 202  | 36474    | 2.868  | ng    | 97       |
| 83) Chrysene                  | 21.974 | 228  | 26559    | 2.381  | ng    | 95       |
| 84) Bis(2-ethylhexyl)phtha... | 21.769 | 149  | 20320    | 2.659  | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 24.254 | 252  | 32007    | 2.876  | ng    | # 91     |
| -----                         |        |      |          |        |       |          |

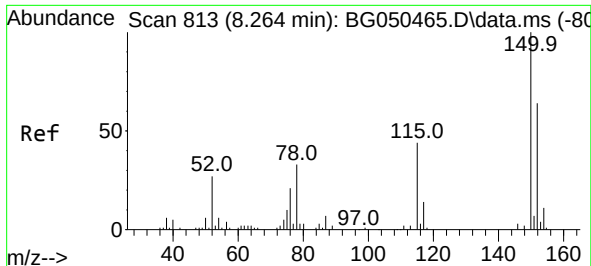
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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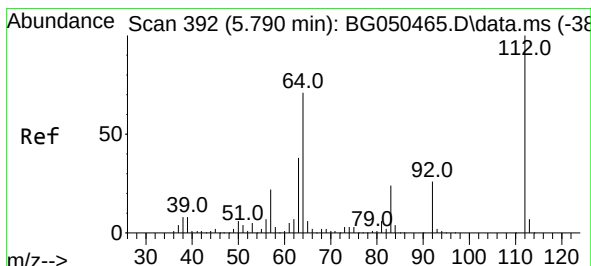
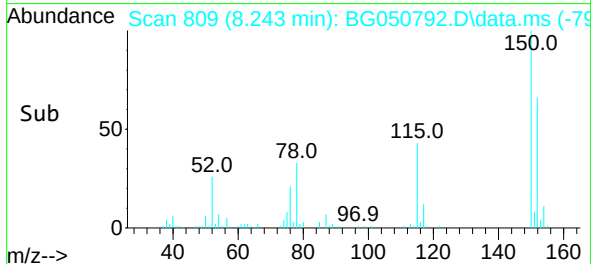
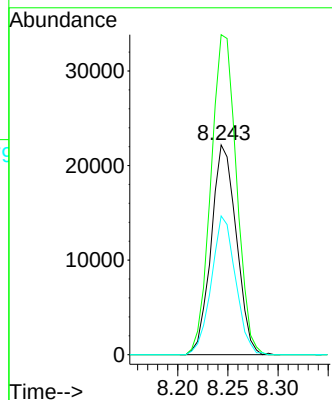
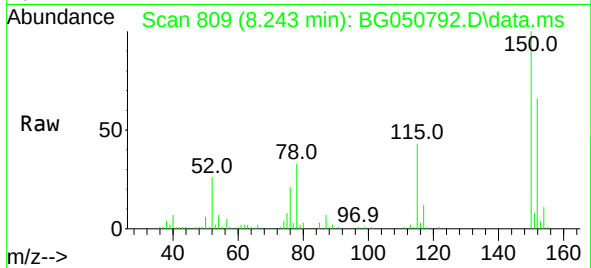




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.243 min Scan# 809  
Delta R.T. -0.015 min  
Lab File: BG050792.D  
Acq: 30 Oct 2021 00:51

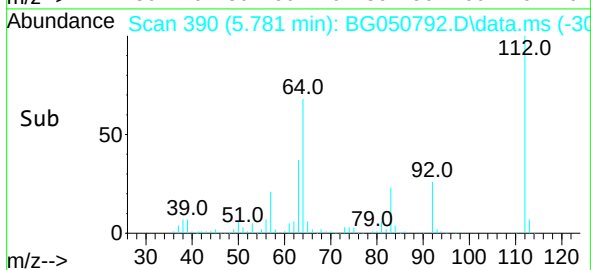
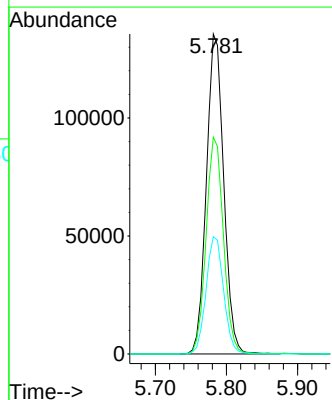
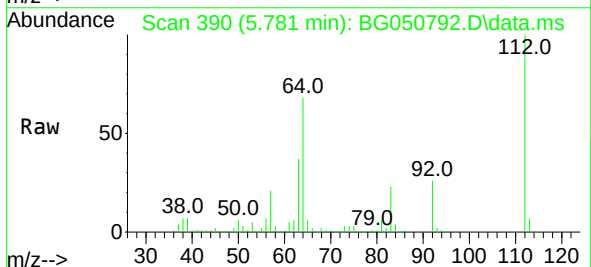
Instrument :  
BNA\_G  
ClientSampled :  
CHRT-27334

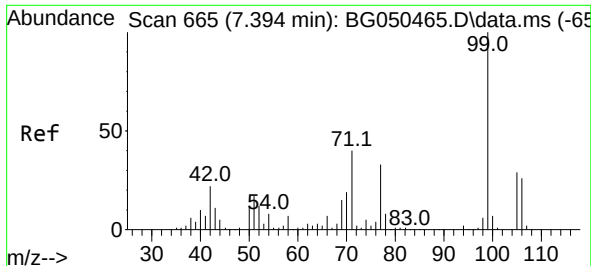
Tgt Ion:152 Resp: 38650  
Ion Ratio Lower Upper  
152 100  
150 152.6 119.4 179.0  
115 66.2 60.2 90.4



#5  
2-Fluorophenol  
Concen: 88.885 ng  
RT: 5.781 min Scan# 390  
Delta R.T. -0.009 min  
Lab File: BG050792.D  
Acq: 30 Oct 2021 00:51

Tgt Ion:112 Resp: 229712  
Ion Ratio Lower Upper  
112 100  
64 67.8 46.7 70.1  
63 36.6 35.3 52.9

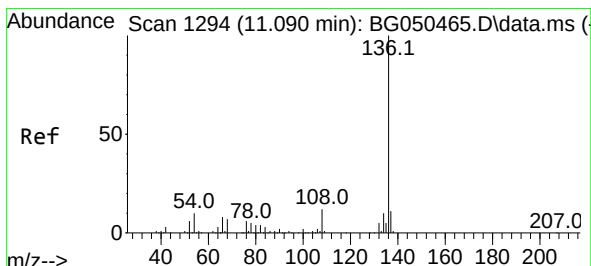
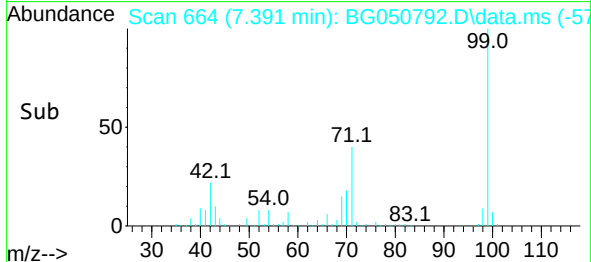
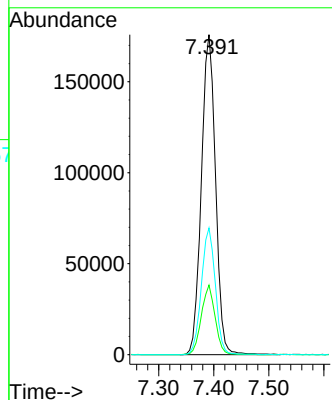
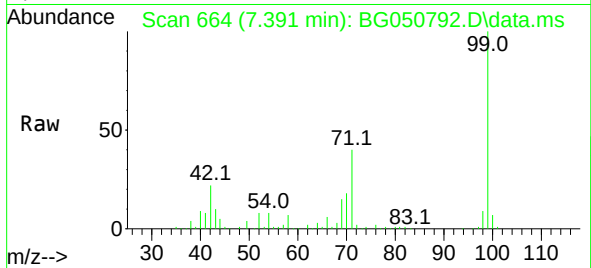




#7  
Phenol-d6  
Concen: 84.184 ng  
RT: 7.391 min Scan# 664  
Delta R.T. -0.009 min  
Lab File: BG050792.D  
Acq: 30 Oct 2021 00:51

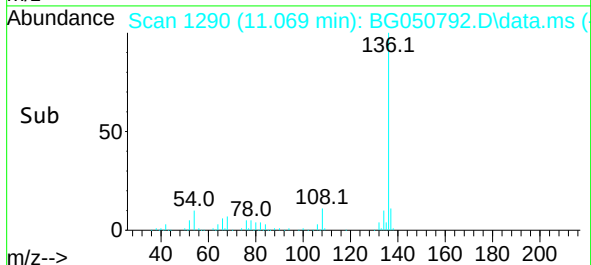
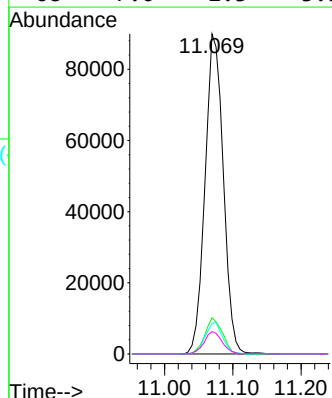
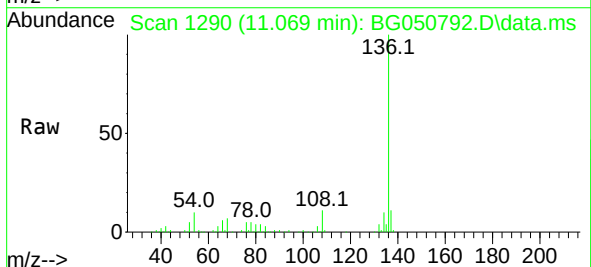
Instrument :  
BNA\_G  
ClientSampled :  
CHRT-27334

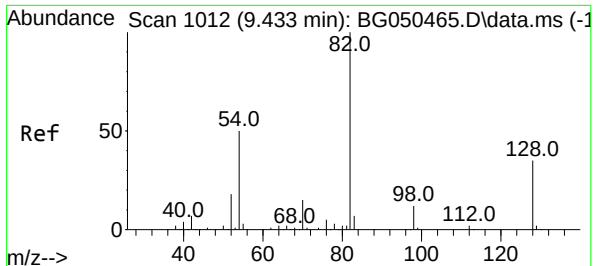
Tgt Ion: 99 Resp: 314990  
Ion Ratio Lower Upper  
99 100  
42 21.8 20.5 30.7  
71 39.6 41.5 62.3#



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.069 min Scan# 1290  
Delta R.T. -0.015 min  
Lab File: BG050792.D  
Acq: 30 Oct 2021 00:51

Tgt Ion: 136 Resp: 167551  
Ion Ratio Lower Upper  
136 100  
137 11.3 8.2 12.2  
54 9.5 5.5 8.3#  
68 7.0 2.3 3.5#

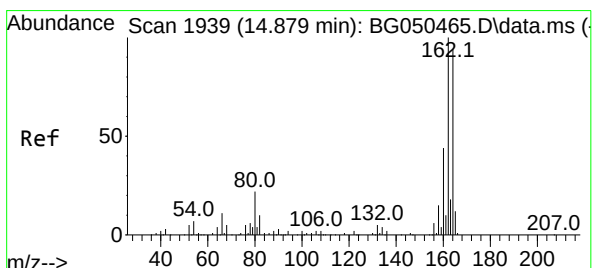
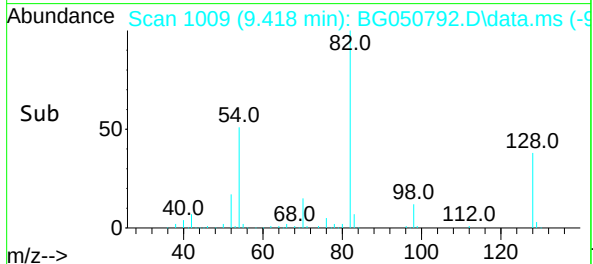
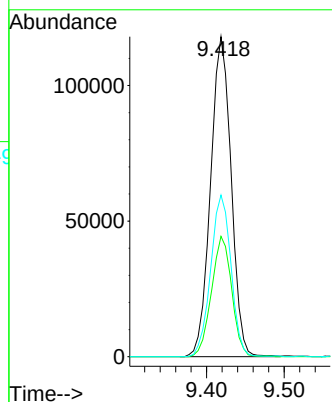
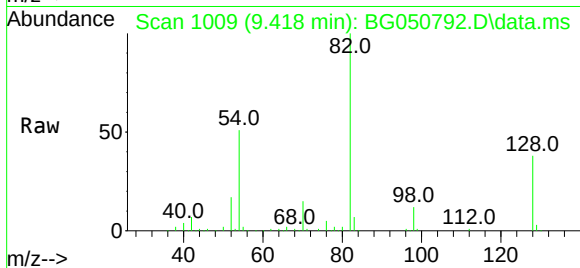




#23  
Nitrobenzene-d5  
Concen: 53.762 ng  
RT: 9.418 min Scan# 1009  
Delta R.T. -0.009 min  
Lab File: BG050792.D  
Acq: 30 Oct 2021 00:51

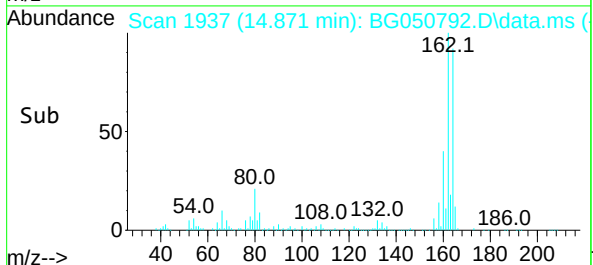
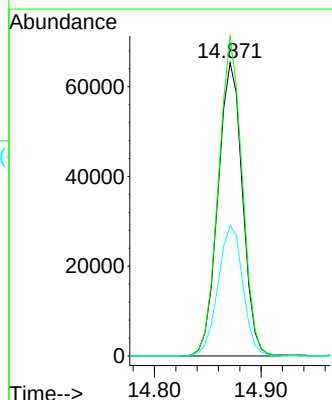
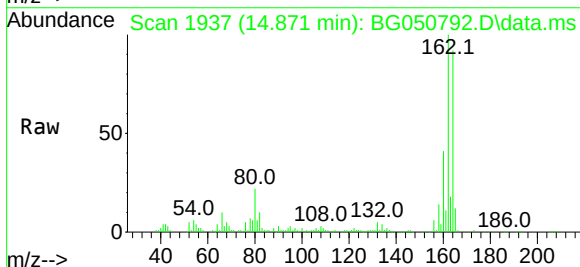
Instrument :  
BNA\_G  
ClientSampleId :  
CHRT-27334

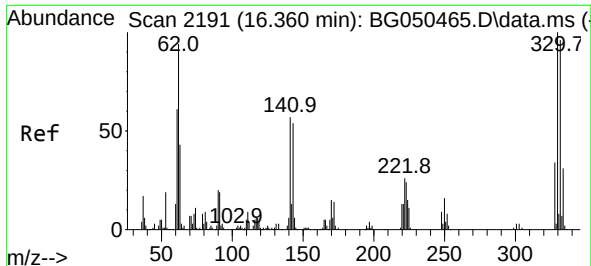
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 82    | Resp: | 217603 |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 128      | 37.6  | 29.8  | 44.6   |
| 54       | 50.5  | 45.8  | 68.8   |



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.871 min Scan# 1937  
Delta R.T. -0.003 min  
Lab File: BG050792.D  
Acq: 30 Oct 2021 00:51

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 164   | Resp: | 104182 |
| Ion      | Ratio | Lower | Upper  |
| 164      | 100   |       |        |
| 162      | 109.1 | 81.4  | 122.0  |
| 160      | 44.5  | 34.9  | 52.3   |

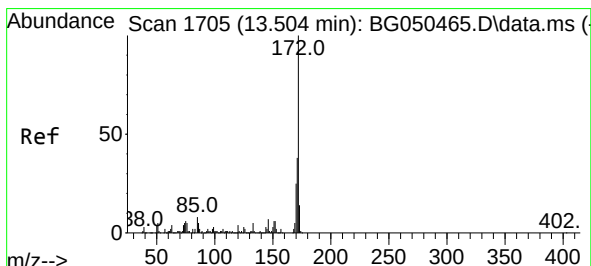
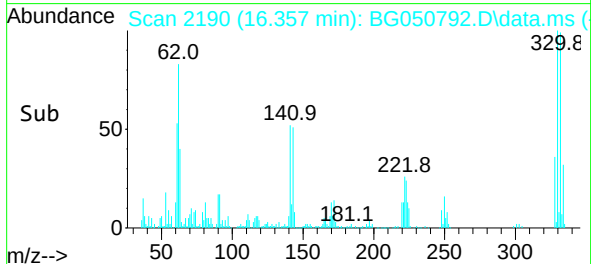
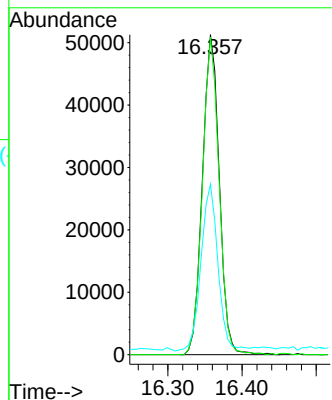
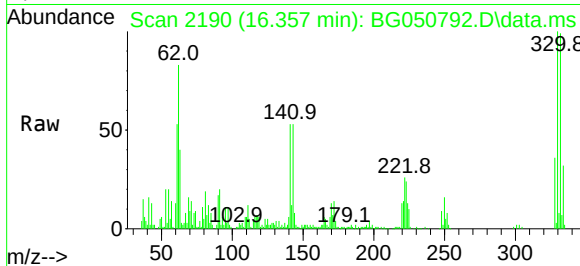




#42  
2,4,6-Tribromophenol  
Concen: 81.681 ng  
RT: 16.357 min Scan# 2190  
Delta R.T. -0.003 min  
Lab File: BG050792.D  
Acq: 30 Oct 2021 00:51

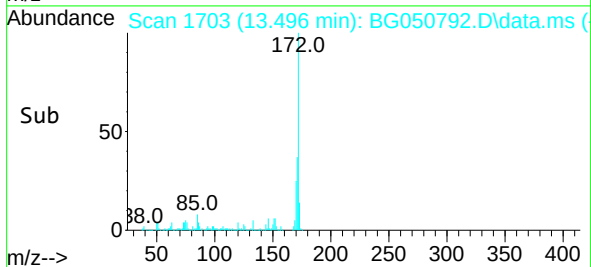
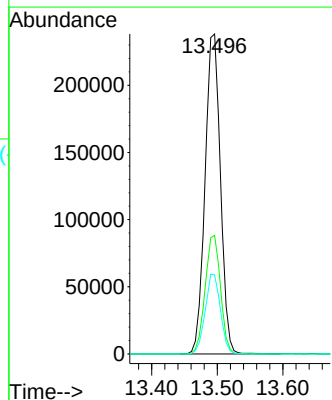
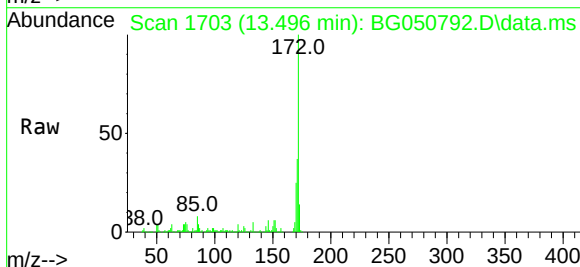
Instrument :  
BNA\_G  
ClientSampleId :  
CHRT-27334

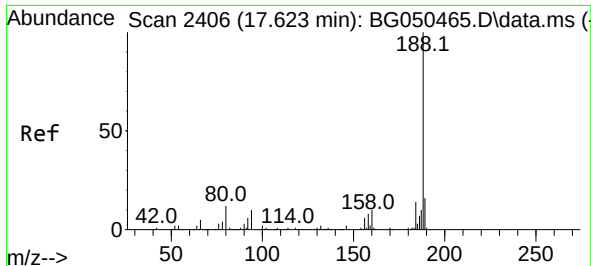
Tgt Ion:330 Resp: 81167  
Ion Ratio Lower Upper  
330 100  
332 97.6 77.3 115.9  
141 52.3 35.6 53.4



#45  
2-Fluorobiphenyl  
Concen: 56.223 ng  
RT: 13.496 min Scan# 1703  
Delta R.T. -0.009 min  
Lab File: BG050792.D  
Acq: 30 Oct 2021 00:51

Tgt Ion:172 Resp: 389188  
Ion Ratio Lower Upper  
172 100  
171 37.1 28.6 43.0  
170 24.7 18.6 27.8

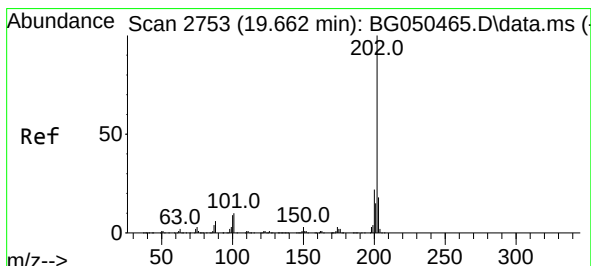
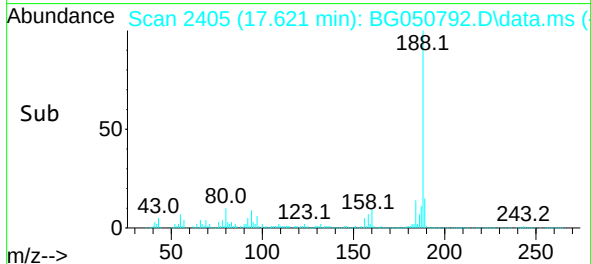
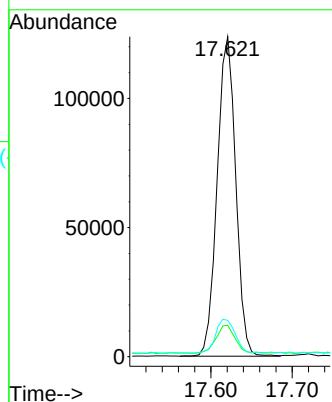
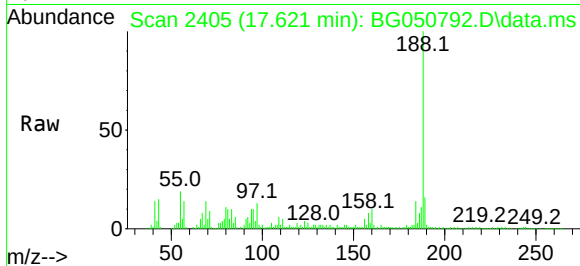




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.621 min Scan# 2405  
Delta R.T. 0.003 min  
Lab File: BG050792.D  
Acq: 30 Oct 2021 00:51

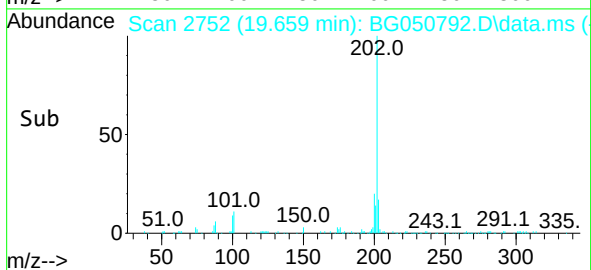
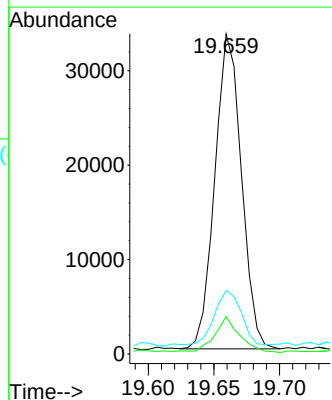
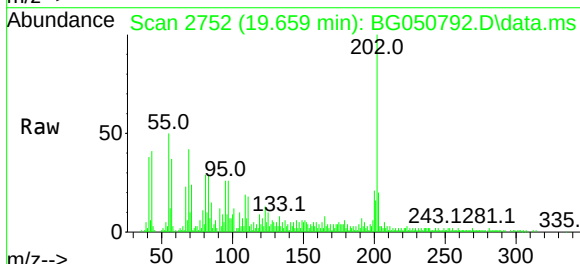
Instrument :  
BNA\_G  
ClientSampleId :  
CHRT-27334

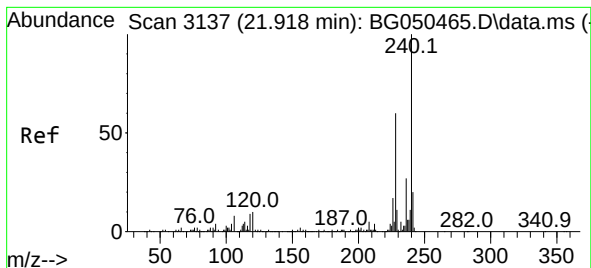
Tgt Ion:188 Resp: 196523  
Ion Ratio Lower Upper  
188 100  
94 9.8 5.4 8.0#  
80 11.4 3.7 5.5#



#75  
Fluoranthene  
Concen: 3.687 ng  
RT: 19.659 min Scan# 2752  
Delta R.T. -0.003 min  
Lab File: BG050792.D  
Acq: 30 Oct 2021 00:51

Tgt Ion:202 Resp: 46932  
Ion Ratio Lower Upper  
202 100  
101 11.6 0.0 24.7  
203 19.9 0.0 38.5

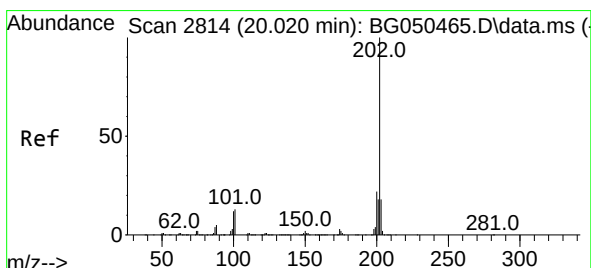
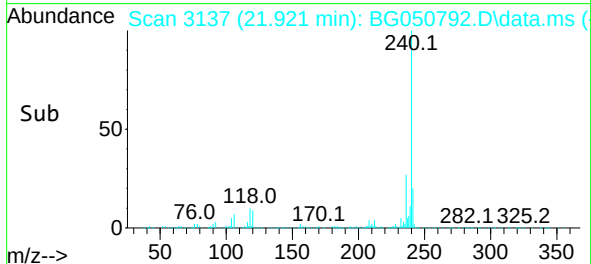
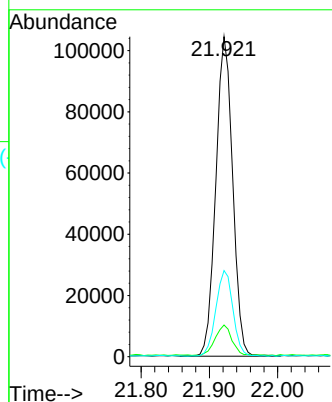
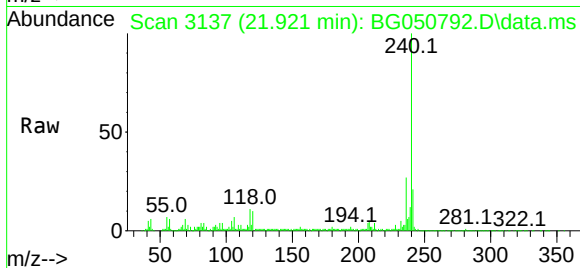




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.921 min Scan# 3137  
Delta R.T. -0.003 min  
Lab File: BG050792.D  
Acq: 30 Oct 2021 00:51

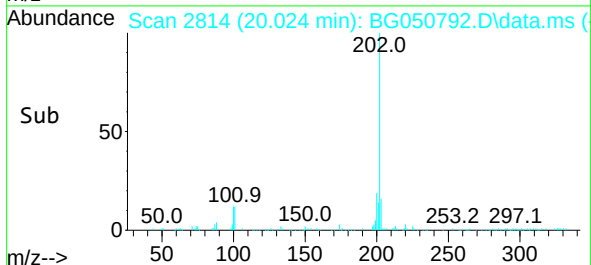
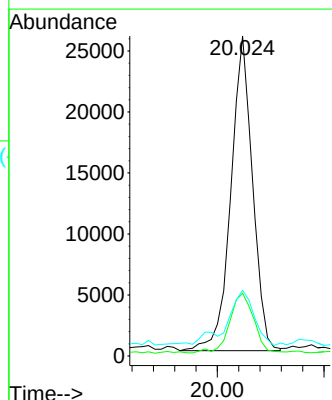
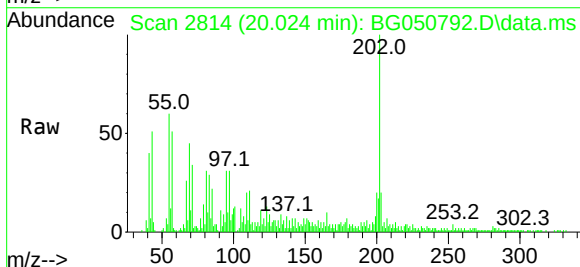
Instrument :  
BNA\_G  
ClientSampleId :  
CHRT-27334

Tgt Ion:240 Resp: 179229  
Ion Ratio Lower Upper  
240 100  
120 9.9 4.2 6.2#  
236 26.9 21.8 32.6

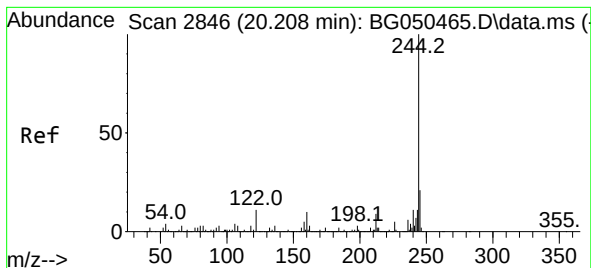


#78  
Pyrene  
Concen: 2.868 ng  
RT: 20.024 min Scan# 2814  
Delta R.T. 0.003 min  
Lab File: BG050792.D  
Acq: 30 Oct 2021 00:51

Tgt Ion:202 Resp: 36474  
Ion Ratio Lower Upper  
202 100  
200 19.6 15.8 23.8  
203 20.5 14.6 21.8







#79

Terphenyl-d14

Concen: 52.660 ng

RT: 20.206 min Scan# 2845

Delta R.T. -0.003 min

Lab File: BG050792.D

Acq: 30 Oct 2021 00:51

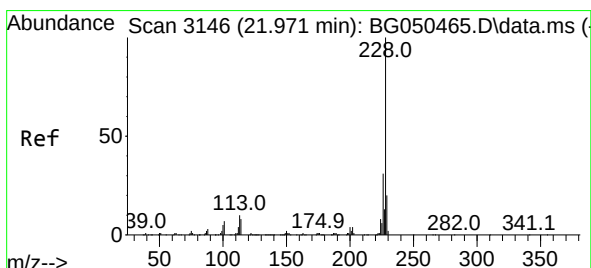
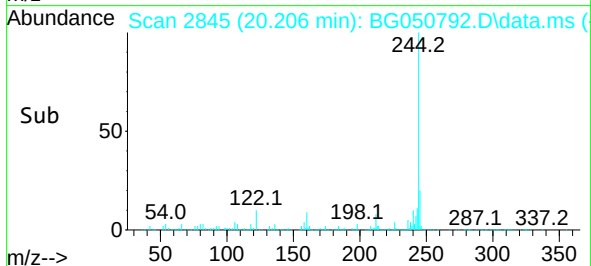
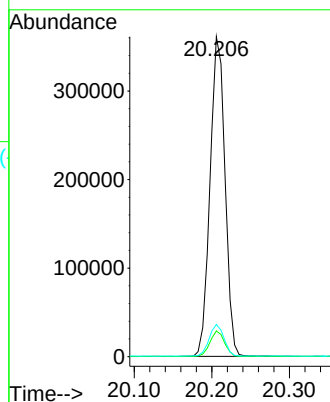
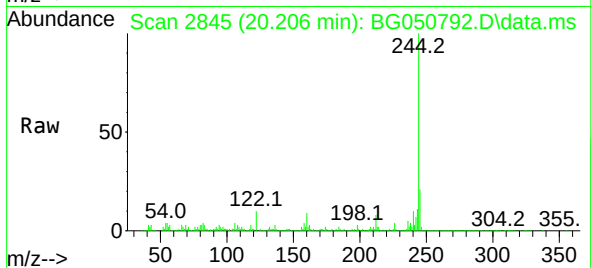
Tgt Ion:244 Resp: 484304

Ion Ratio Lower Upper

244 100

212 8.0 6.9 10.3

122 10.0 5.0 7.6#



#83

Chrysene

Concen: 2.381 ng

RT: 21.974 min Scan# 3146

Delta R.T. 0.003 min

Lab File: BG050792.D

Acq: 30 Oct 2021 00:51

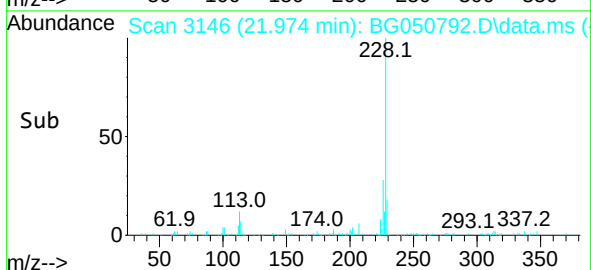
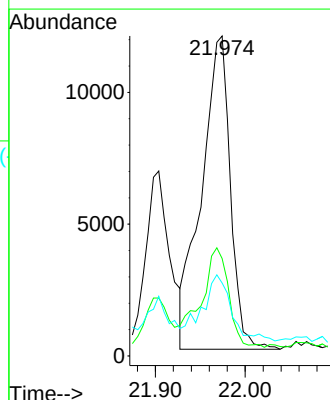
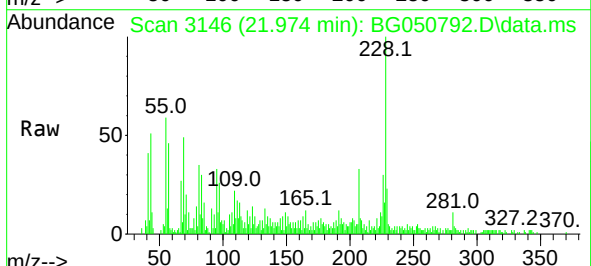
Tgt Ion:228 Resp: 26559

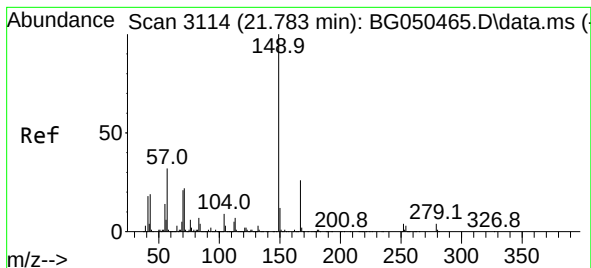
Ion Ratio Lower Upper

228 100

226 30.4 23.1 34.7

229 22.8 15.3 22.9

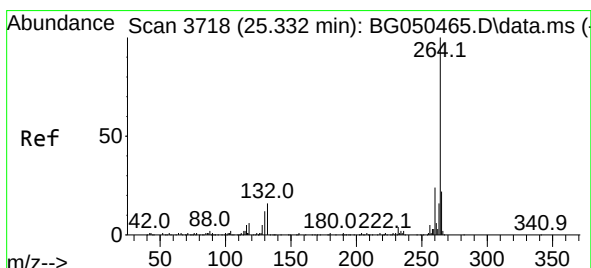
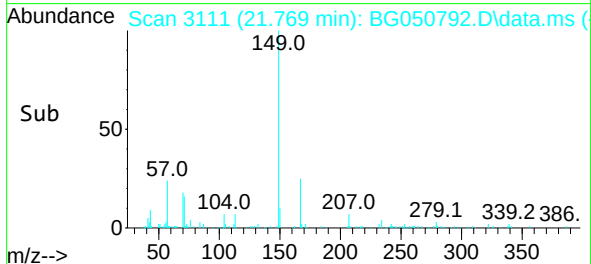
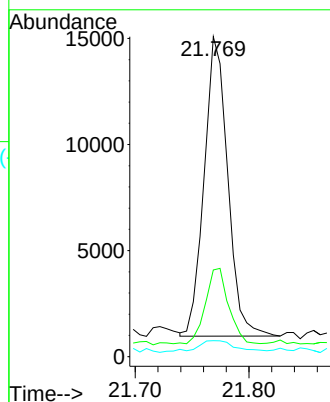
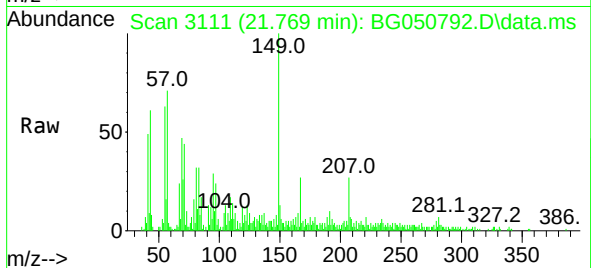




#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 2.659 ng  
 RT: 21.769 min Scan# 3111  
 Delta R.T. -0.009 min  
 Lab File: BG050792.D  
 Acq: 30 Oct 2021 00:51

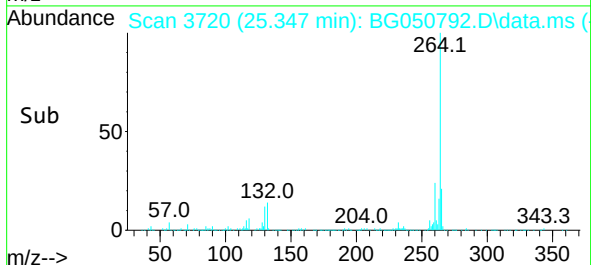
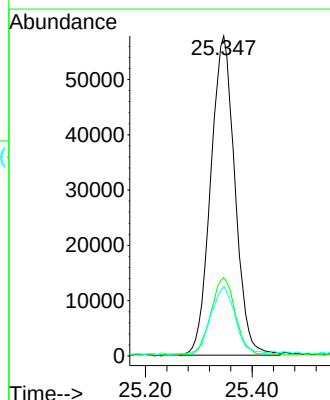
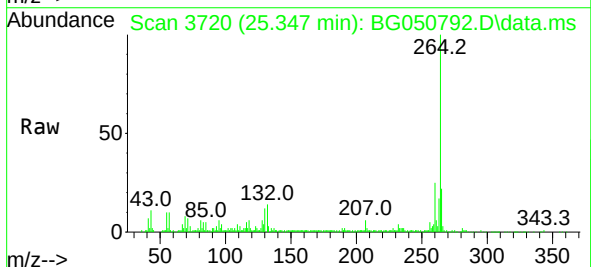
Instrument :  
 BNA\_G  
 ClientSampleId :  
 CHRT-27334

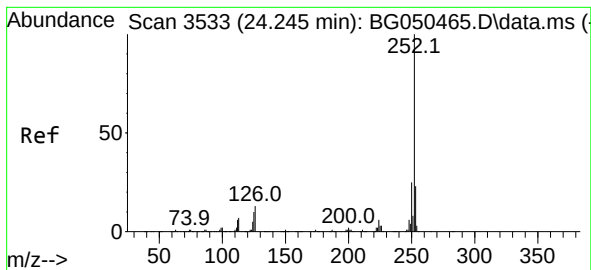
Tgt Ion:149 Resp: 20320  
 Ion Ratio Lower Upper  
 149 100  
 167 27.1 22.3 33.5  
 279 5.0 3.8 5.8



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.347 min Scan# 3720  
 Delta R.T. 0.014 min  
 Lab File: BG050792.D  
 Acq: 30 Oct 2021 00:51

Tgt Ion:264 Resp: 181735  
 Ion Ratio Lower Upper  
 264 100  
 260 24.5 19.4 29.2  
 265 21.8 16.9 25.3





#88

Benzo(b)fluoranthene

Concen: 2.876 ng

RT: 24.254 min Scan# 3534

Delta R.T. 0.008 min

Lab File: BG050792.D

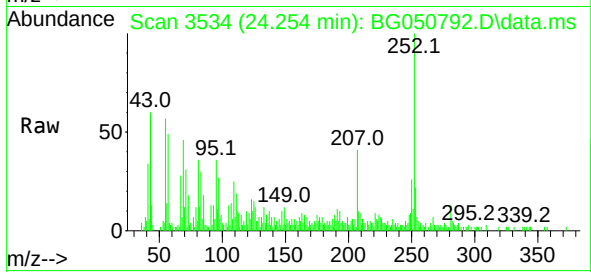
Acq: 30 Oct 2021 00:51

Instrument :

BNA\_G

ClientSampleId :

CHRT-27334



Tgt Ion:252 Resp: 32007

Ion Ratio Lower Upper

252 100

253 22.3 16.2 24.4

125 15.2 3.0 4.4#

