

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081920\  
 Data File : BP003042.D  
 Acq On : 19 Aug 2020 20:37  
 Operator : CG/JU  
 Sample : L3712-11  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 CHRT-25433

Quant Time: Aug 20 01:54:35 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 17 14:07:35 2020  
 Response via : Initial Calibration

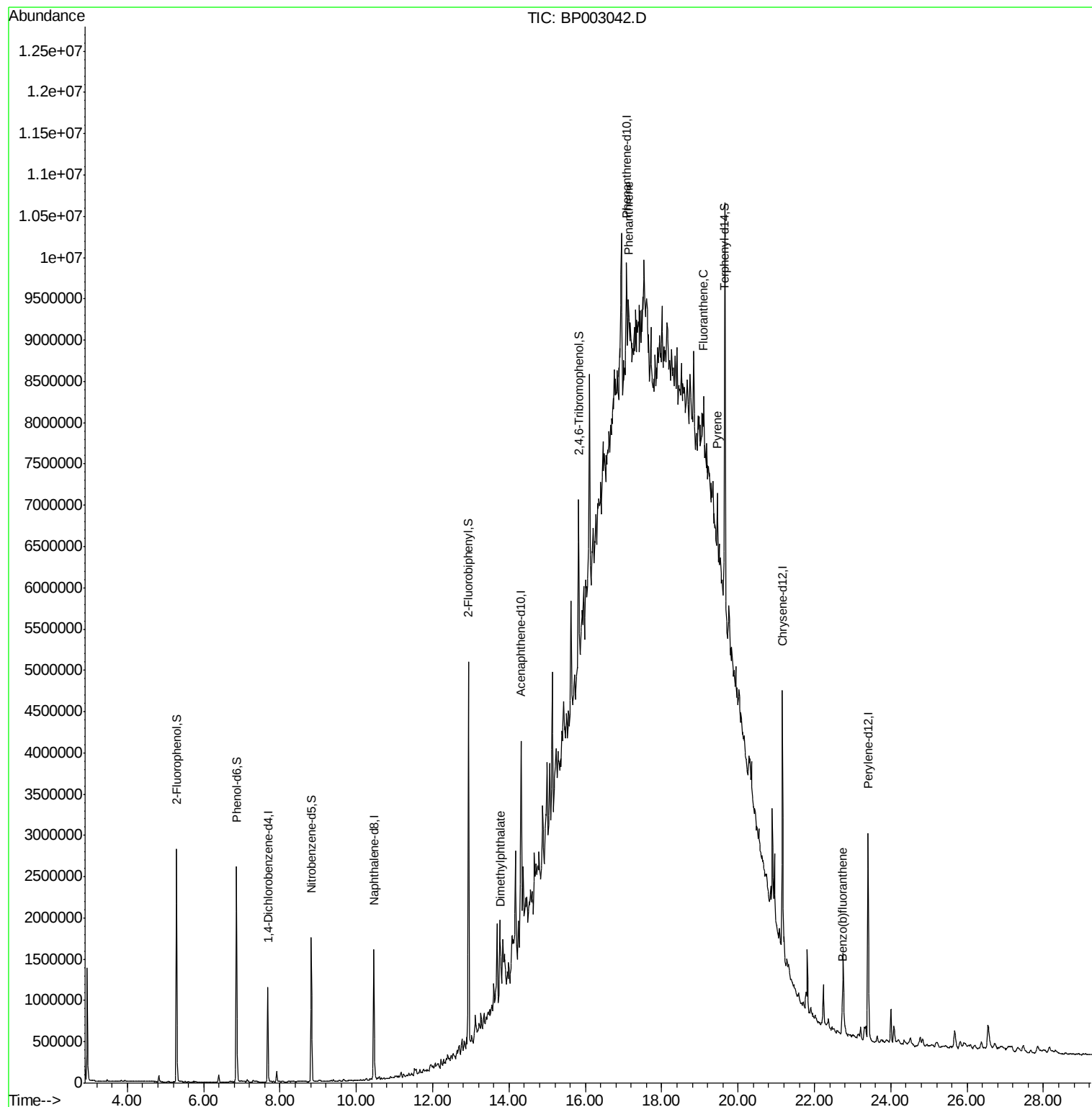
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.68  | 152  | 349965   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.46 | 136  | 1423067  | 20.00 | ng    | -0.01    |
| 39) Acenaphthene-d10        | 14.32 | 164  | 739608   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.08 | 188  | 1063357  | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12            | 21.16 | 240  | 1510290  | 20.00 | ng    | -0.01    |
| 86) Perylene-d12            | 23.40 | 264  | 1761278  | 20.00 | ng    | -0.02    |
| System Monitoring Compounds |       |      |          |       |       |          |
| 5) 2-Fluorophenol           | 5.29  | 112  | 1511506  | 66.10 | ng    | 0.00     |
| 7) Phenol-d6                | 6.86  | 99   | 1803202  | 56.80 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 8.82  | 82   | 1020125  | 38.83 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 15.82 | 330  | 600438   | 65.32 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.94 | 172  | 2500905  | 46.20 | ng    | -0.01    |
| 79) Terphenyl-d14           | 19.65 | 244  | 2588809  | 34.32 | ng    | 0.00     |
| Target Compounds            |       |      |          |       |       |          |
| 50) Dimethylphthalate       | 13.77 | 163  | 316894   | 5.478 | ng    | # 95     |
| 71) Phenanthrene            | 17.12 | 178  | 267072   | 4.283 | ng    | # 49     |
| 75) Fluoranthene            | 19.10 | 202  | 413813   | 5.760 | ng    | # 89     |
| 78) Pyrene                  | 19.45 | 202  | 393672   | 3.729 | ng    | # 94     |
| 88) Benzo(b)fluoranthene    | 22.73 | 252  | 252603   | 2.032 | ng    | # 97     |

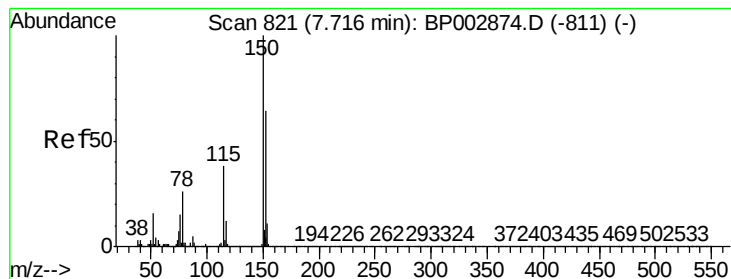
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081920\  
Data File : BP003042.D  
Acq On : 19 Aug 2020 20:37  
Operator : CG/JU  
Sample : L3712-11  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
CHRT-25433

Quant Time: Aug 20 01:54:35 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Aug 17 14:07:35 2020  
Response via : Initial Calibration



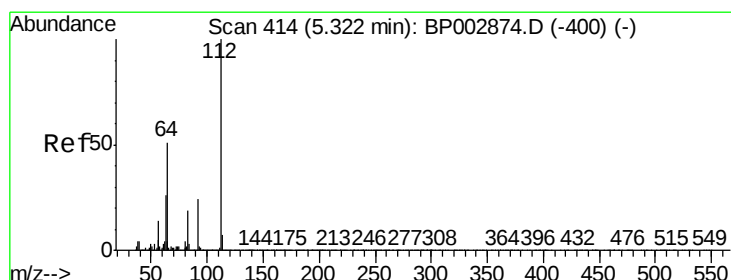
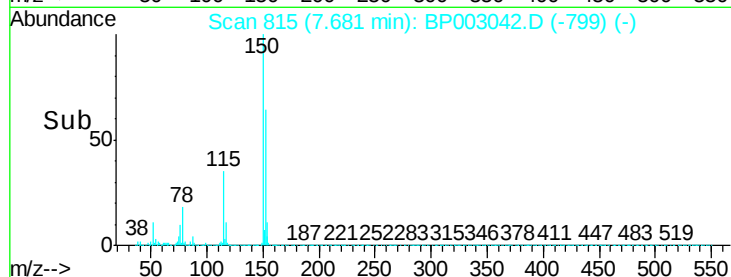
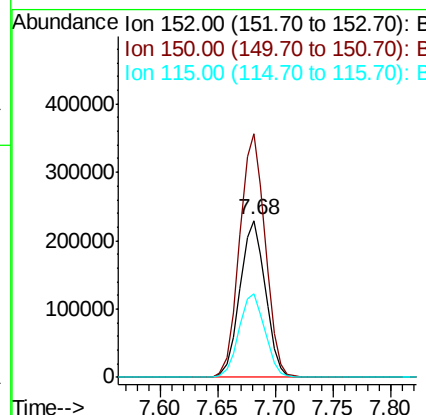
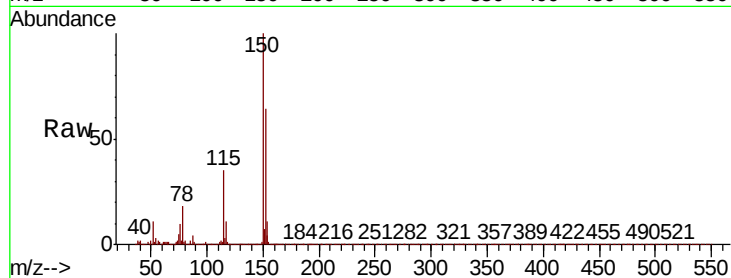


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.68 min Scan# 815  
Delta R.T. -0.01 min  
Lab File: BP003042.D  
Acq: 19 Aug 2020 20:37

Instrument :  
BNA\_P  
ClientSampleId :  
CHRT-25433

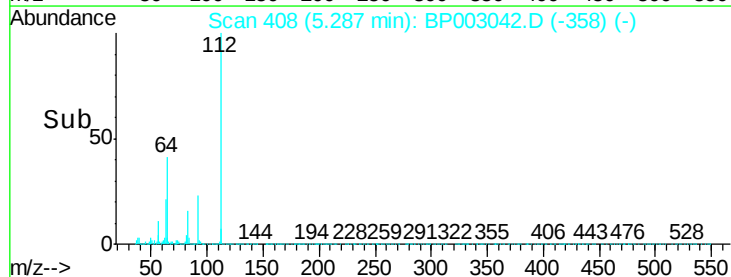
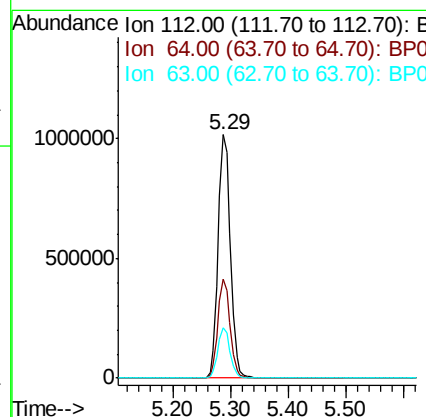
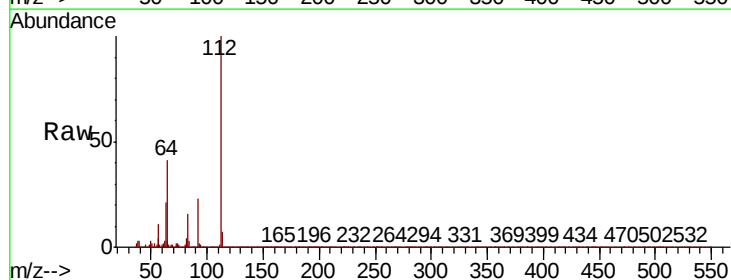
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 155.5 | 126.1 | 189.1 |
| 115     | 53.7  | 43.4  | 65.2  |

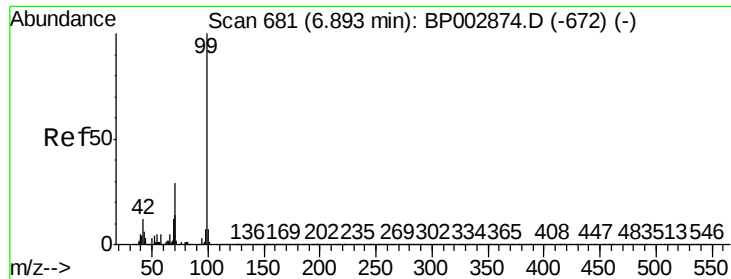


#5

2-Fluorophenol  
Concen: 66.102 ng  
RT: 5.29 min Scan# 408  
Delta R.T. -0.01 min  
Lab File: BP003042.D  
Acq: 19 Aug 2020 20:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 40.7  | 33.4  | 50.2  |
| 63      | 20.9  | 17.4  | 26.0  |





#7

Phenol-d6

Concen: 56.800 ng

RT: 6.86 min Scan# 675

Delta R.T. -0.01 min

Lab File: BP003042.D

Acq: 19 Aug 2020 20:37

Instrument :

BNA\_P

ClientSampleId :

CHRT-25433

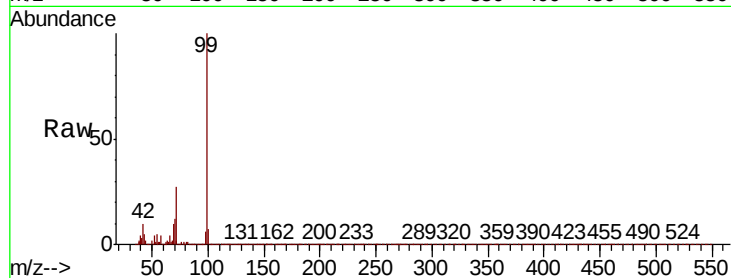
Tot Ion: 99 Resp: 1803202

Ion Ratio Lower Upper

99 100

42 9.9 8.0 12.0

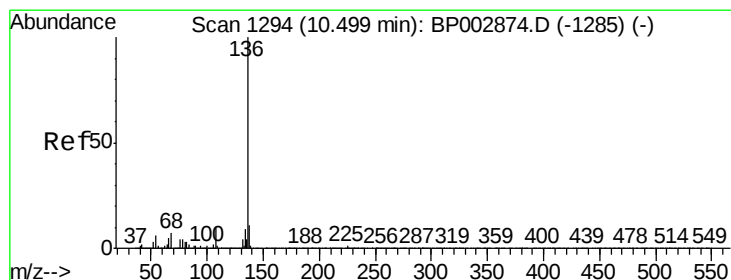
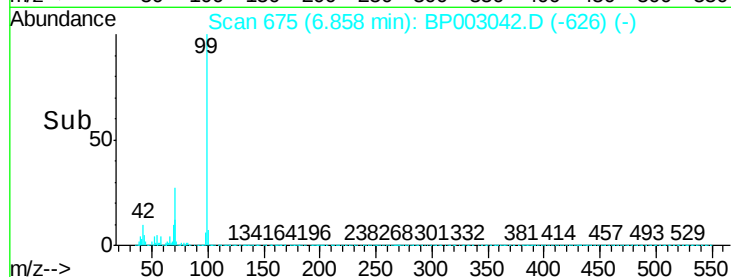
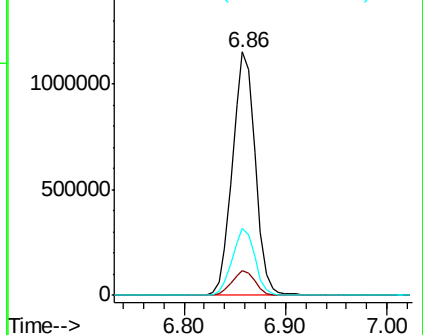
71 27.5 21.3 31.9



Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.46 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BP003042.D

Acq: 19 Aug 2020 20:37

Tgt Ion: 136 Resp: 1423067

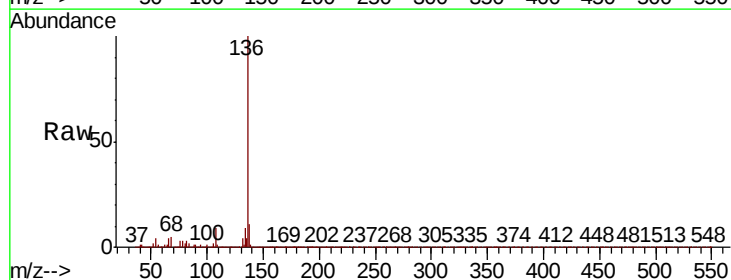
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 4.4 3.8 5.8

68 4.5 3.8 5.8

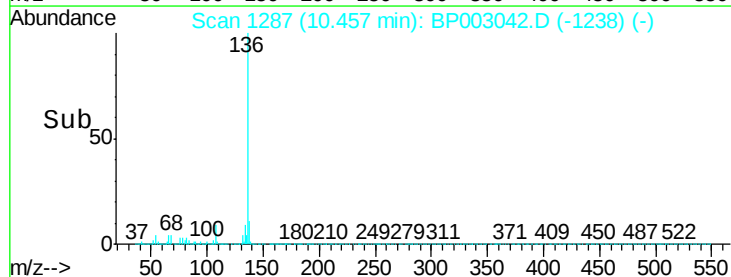
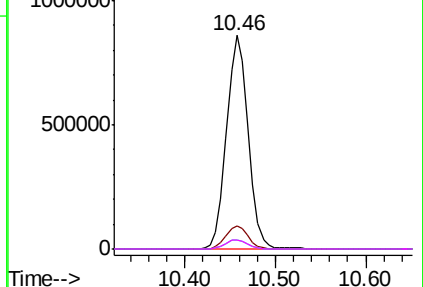


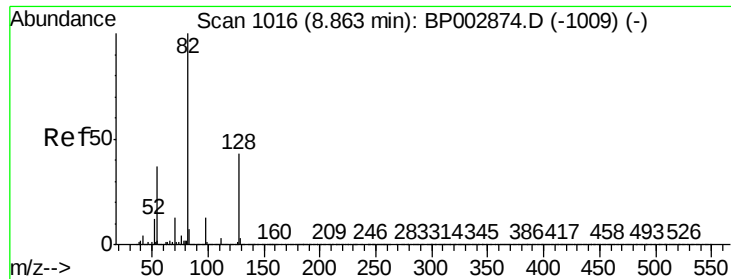
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0

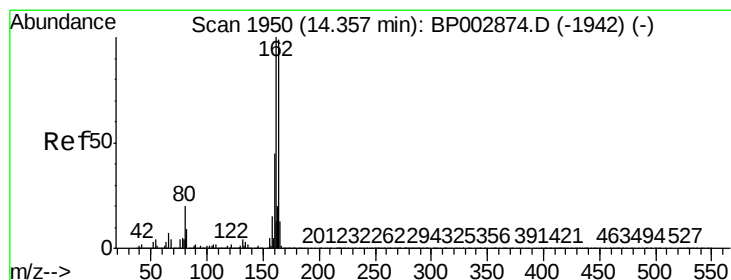
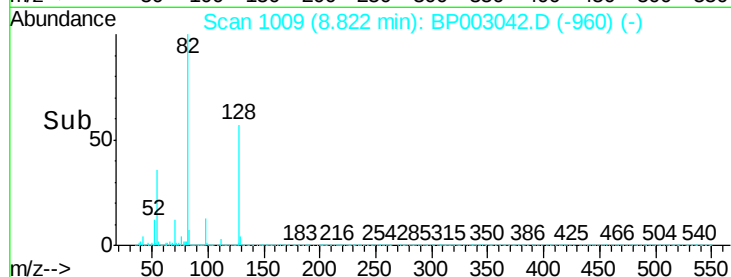
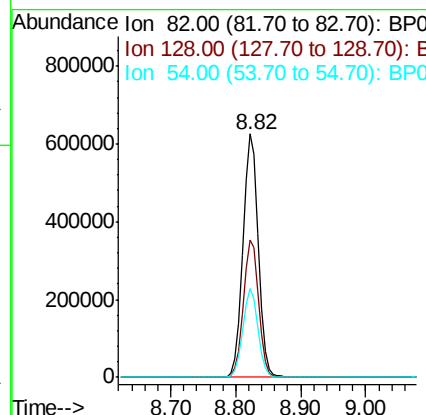
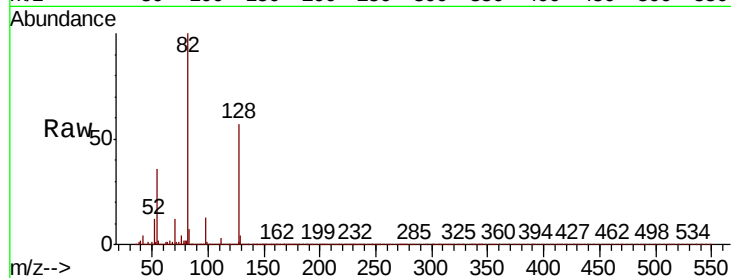




#23  
Nitrobenzene-d5  
Concen: 38.826 ng  
RT: 8.82 min Scan# 1009  
Delta R.T. -0.01 min  
Lab File: BP003042.D  
Acq: 19 Aug 2020 20:37

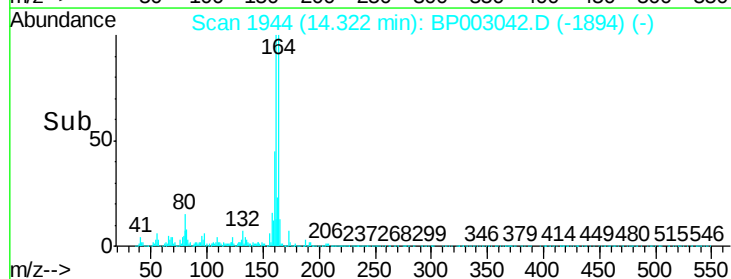
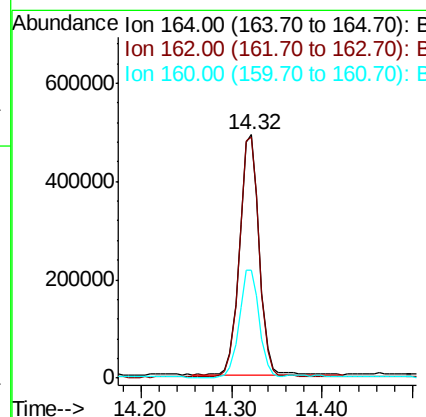
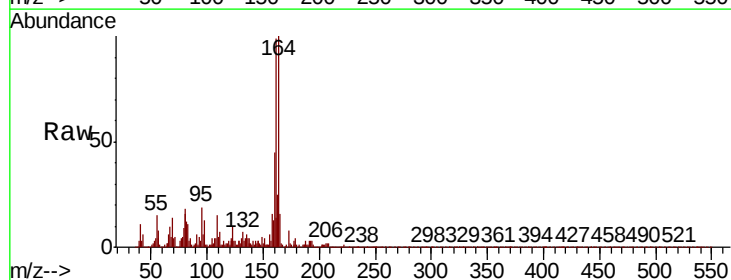
Instrument :  
BNA\_P  
ClientSampleId :  
CHRT-25433

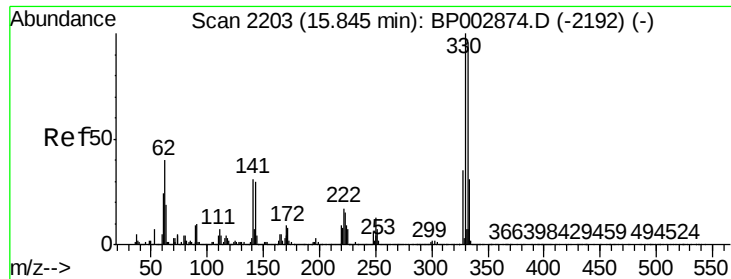
| Tot Ion   | 82    | Resp  | 1020125 |
|-----------|-------|-------|---------|
| Ion Ratio | Lower | Upper |         |
| 82        | 100   |       |         |
| 128       | 56.7  | 45.1  | 67.7    |
| 54        | 36.3  | 28.8  | 43.2    |



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.32 min Scan# 1944  
Delta R.T. -0.01 min  
Lab File: BP003042.D  
Acq: 19 Aug 2020 20:37

| Tgt Ion   | 164   | Resp  | 739608 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 99.1  | 81.4  | 122.0  |
| 160       | 44.5  | 35.5  | 53.3   |

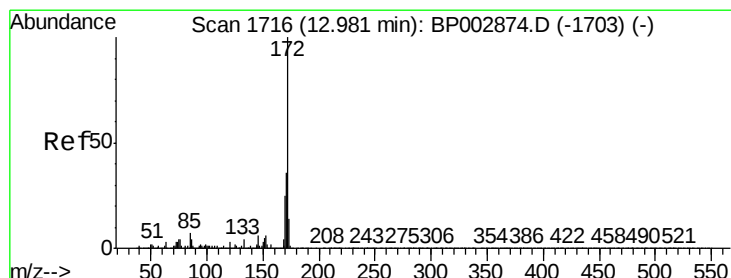
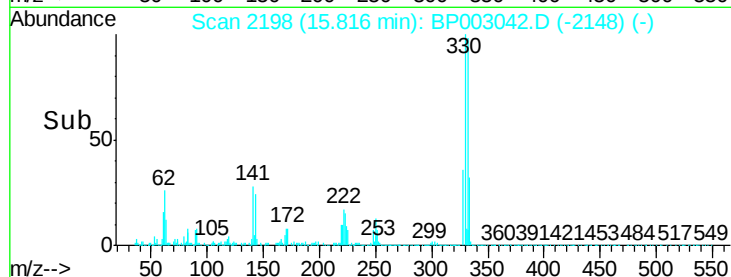
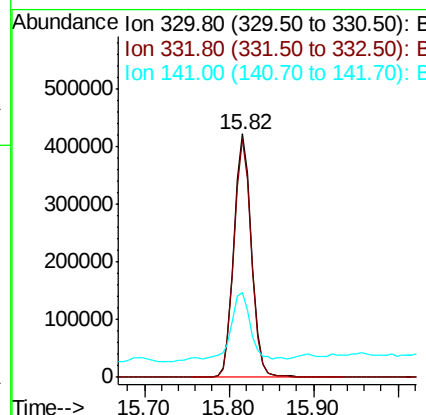
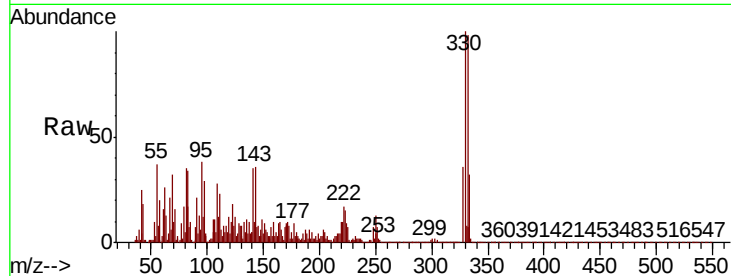




#42  
 2,4,6-Tribromophenol  
 Concen: 65.318 ng  
 RT: 15.82 min Scan# 2198  
 Delta R.T. -0.01 min  
 Lab File: BP003042.D  
 Acq: 19 Aug 2020 20:37

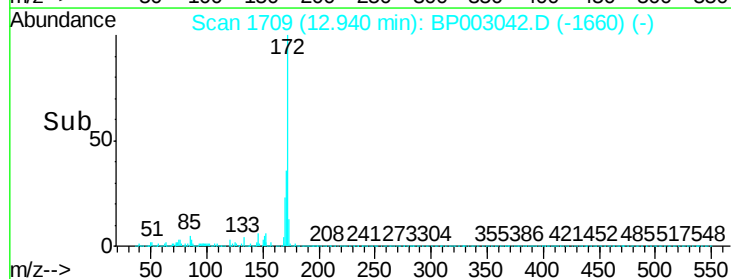
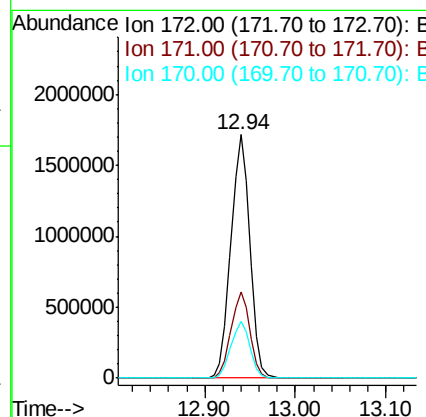
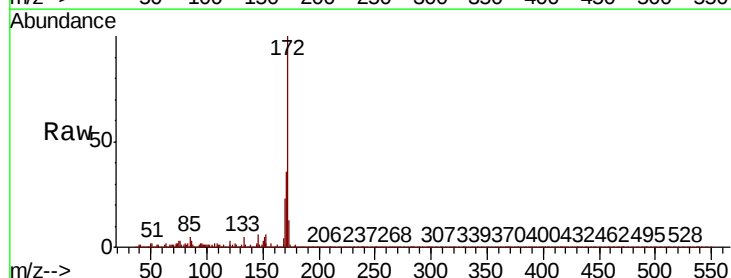
Instrument :  
 BNA\_P  
 ClientSampleId :  
 CHRT-25433

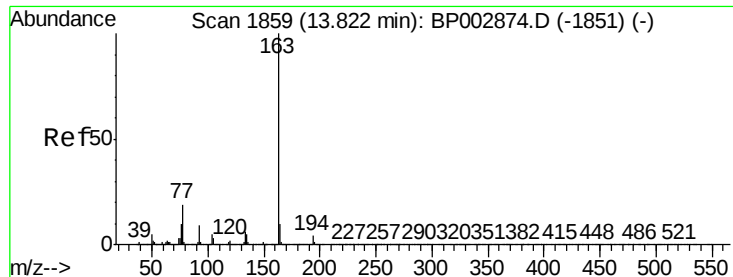
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.6  | 77.0  | 115.6 |
| 141     | 34.5  | 26.7  | 40.1  |



#45  
 2-Fluorobiphenyl  
 Concen: 46.200 ng  
 RT: 12.94 min Scan# 1709  
 Delta R.T. -0.01 min  
 Lab File: BP003042.D  
 Acq: 19 Aug 2020 20:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.5  | 29.0  | 43.4  |
| 170     | 23.4  | 19.1  | 28.7  |

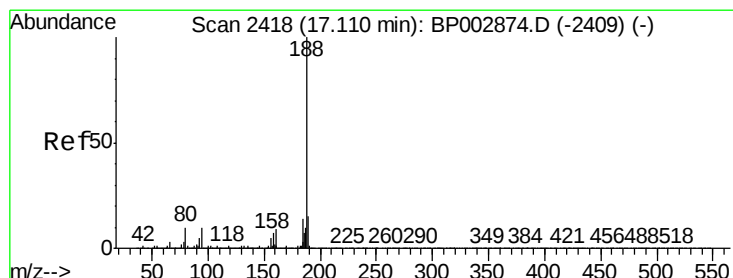
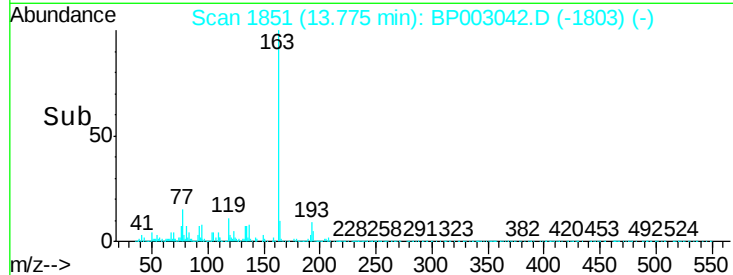
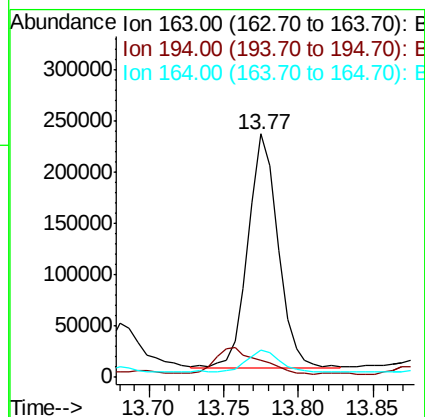
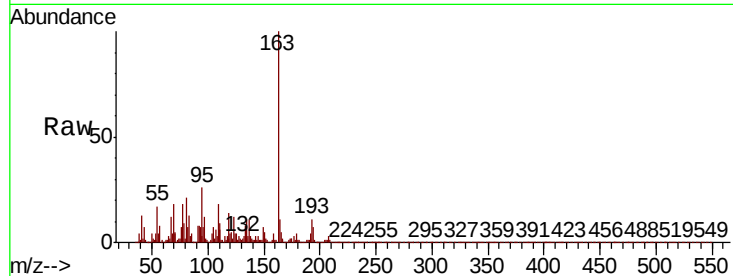




#50  
Dimethylphthalate  
Concen: 5.478 ng  
RT: 13.77 min Scan# 1851  
Delta R.T. -0.02 min  
Lab File: BP003042.D  
Acq: 19 Aug 2020 20:37

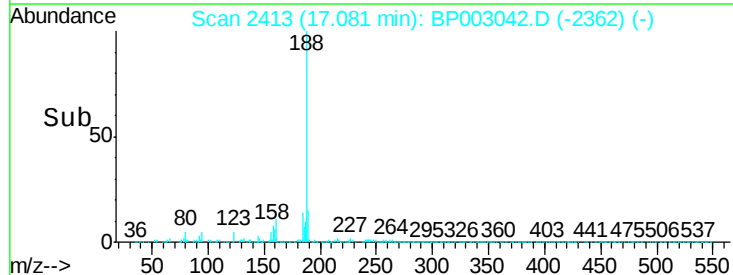
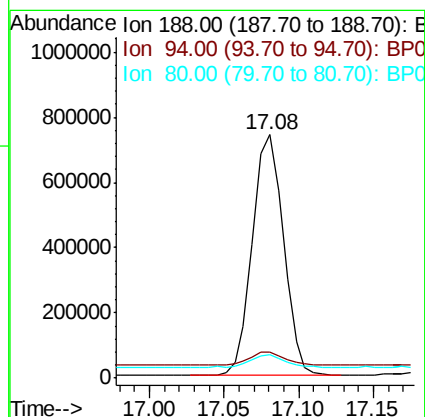
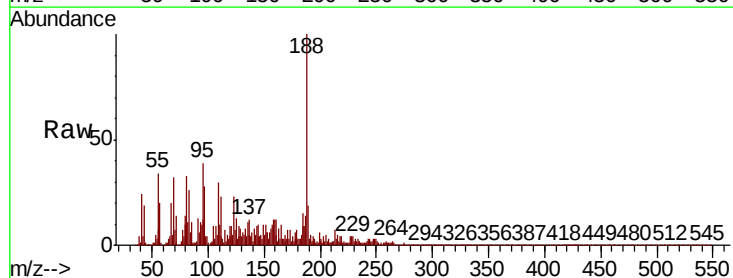
Instrument :  
BNA\_P  
ClientSampleId :  
CHRT-25433

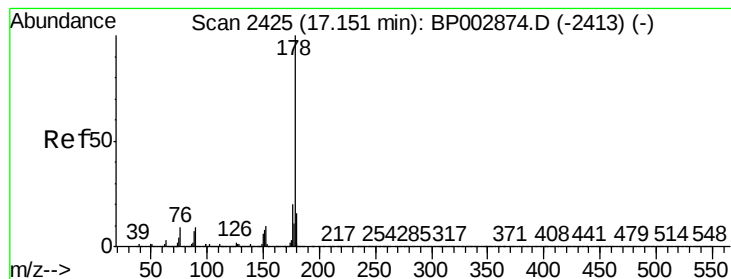
Tot Ion:163 Resp: 316894  
Ion Ratio Lower Upper  
163 100  
194 7.0 3.3 4.9#  
164 11.3 8.1 12.1



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.08 min Scan# 2413  
Delta R.T. -0.00 min  
Lab File: BP003042.D  
Acq: 19 Aug 2020 20:37

Tgt Ion:188 Resp: 1063357  
Ion Ratio Lower Upper  
188 100  
94 10.4 7.1 10.7  
80 9.6 6.7 10.1





#71

Phenanthrene

Concen: 4.283 ng

RT: 17.12 min Scan# 2420

Delta R.T. -0.00 min

Lab File: BP003042.D

Acq: 19 Aug 2020 20:37

Instrument :

BNA\_P

ClientSampleId :

CHRT-25433

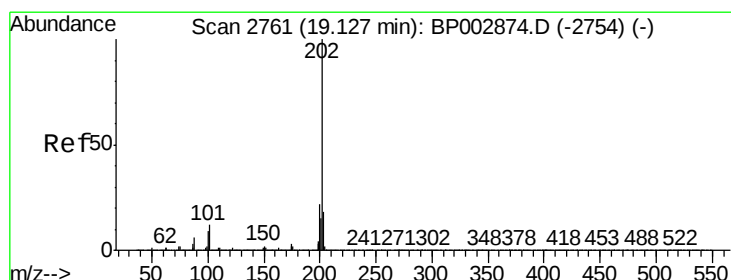
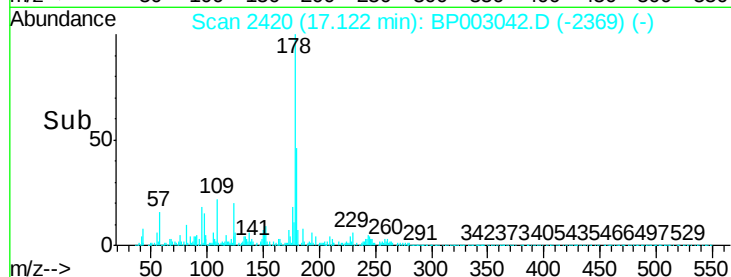
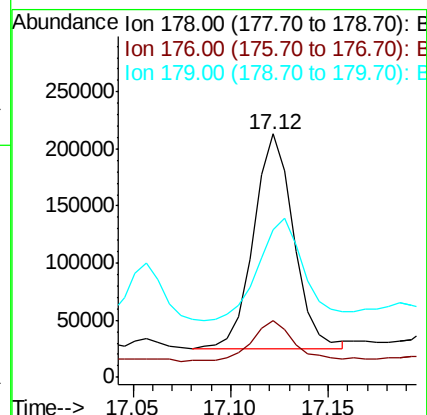
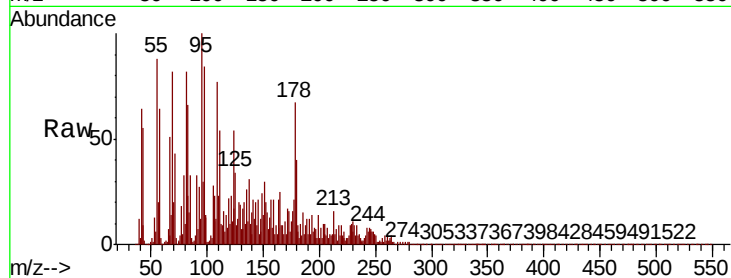
Tot Ion:178 Resp: 267072

Ion Ratio Lower Upper

178 100

176 23.3 15.8 23.8

179 60.5 12.9 19.3#



#75

Fluoranthene

Concen: 5.760 ng

RT: 19.10 min Scan# 2757

Delta R.T. 0.01 min

Lab File: BP003042.D

Acq: 19 Aug 2020 20:37

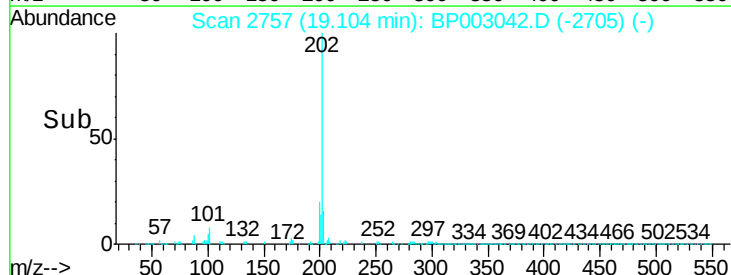
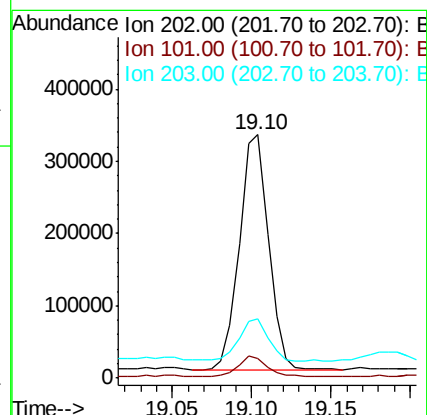
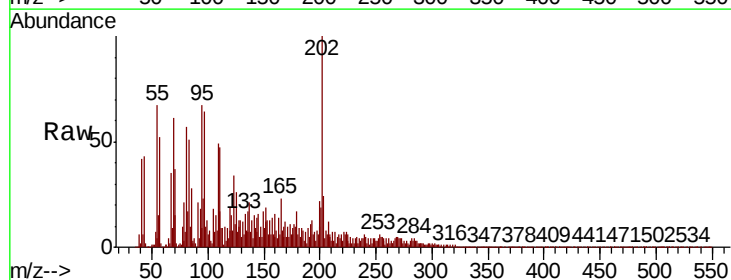
Tgt Ion:202 Resp: 413813

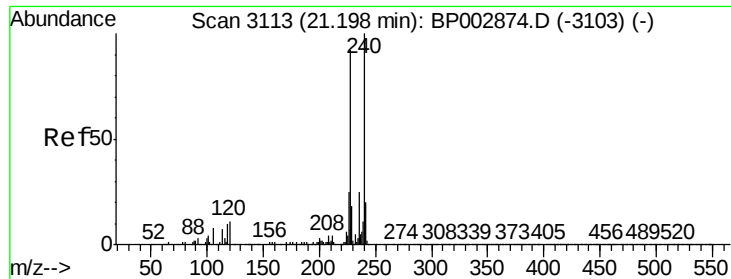
Ion Ratio Lower Upper

202 100

101 8.3 0.0 31.2

203 24.2 0.0 38.4

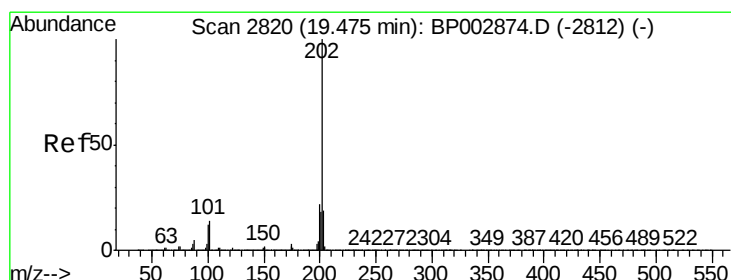
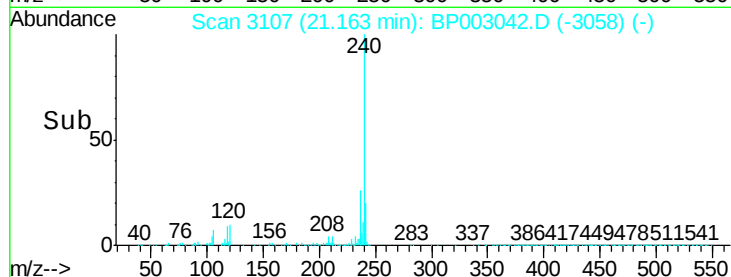
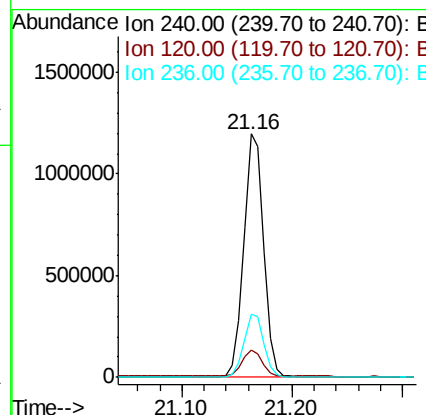
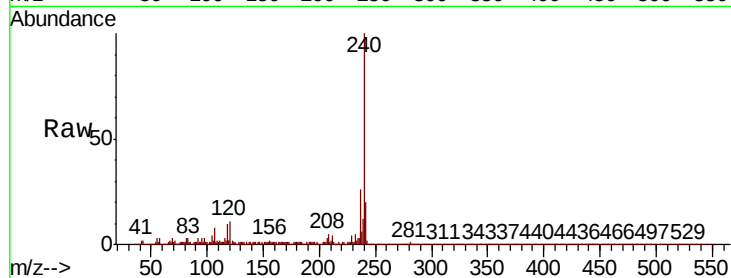




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.16 min Scan# 3107  
Delta R.T. -0.01 min  
Lab File: BP003042.D  
Acq: 19 Aug 2020 20:37

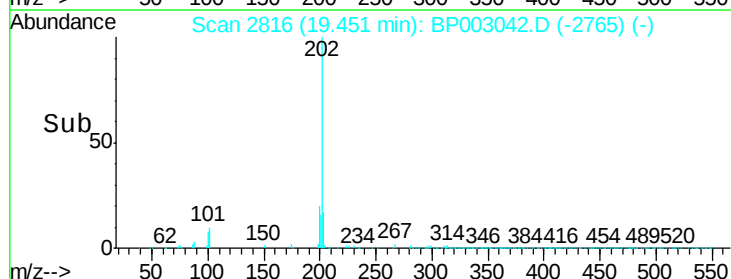
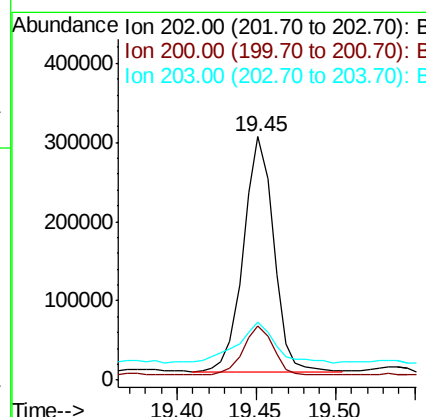
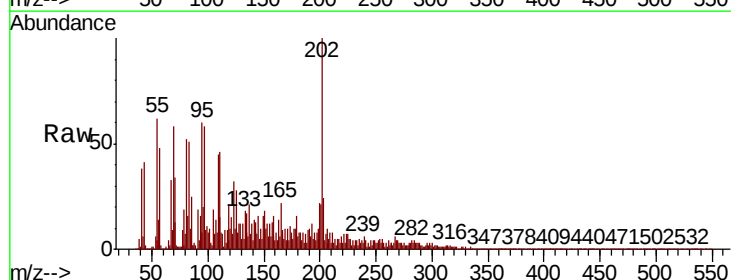
Instrument :  
BNA\_P  
ClientSampleId :  
CHRT-25433

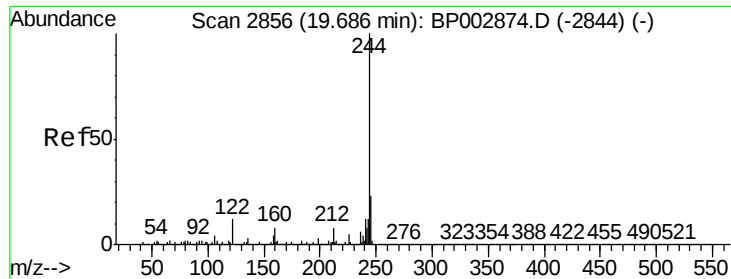
Tot Ion:240 Resp: 1510290  
Ion Ratio Lower Upper  
240 100  
120 11.1 9.5 14.3  
236 25.9 20.8 31.2



#78  
Pyrene  
Concen: 3.729 ng  
RT: 19.45 min Scan# 2816  
Delta R.T. -0.00 min  
Lab File: BP003042.D  
Acq: 19 Aug 2020 20:37

Tgt Ion:202 Resp: 393672  
Ion Ratio Lower Upper  
202 100  
200 22.2 17.8 26.6  
203 23.8 14.6 22.0#





#79

Terphenyl-d14

Concen: 34.316 ng

RT: 19.65 min Scan# 2850

Delta R.T. -0.01 min

Lab File: BP003042.D

Acq: 19 Aug 2020 20:37

Instrument :

BNA\_P

ClientSampleId :

CHRT-25433

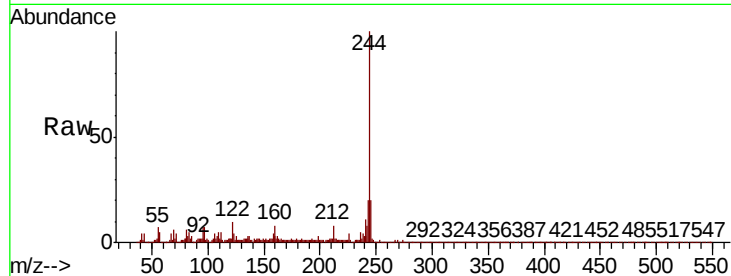
Tot Ion:244 Resp: 2588809

Ion Ratio Lower Upper

244 100

212 7.6 6.3 9.5

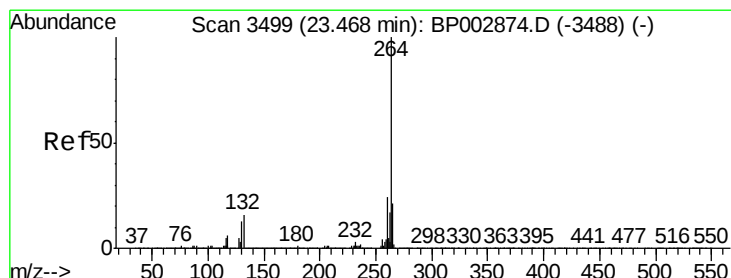
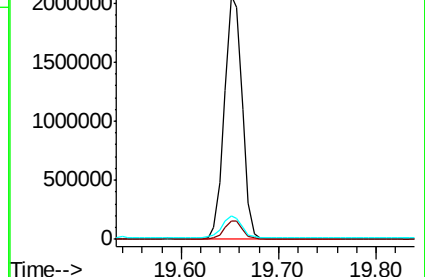
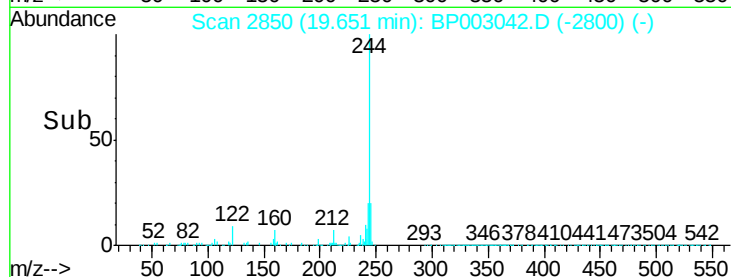
122 9.8 8.7 13.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.40 min Scan# 3488

Delta R.T. -0.02 min

Lab File: BP003042.D

Acq: 19 Aug 2020 20:37

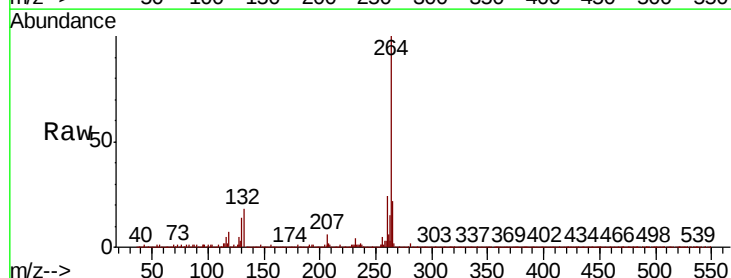
Tgt Ion:264 Resp: 1761278

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

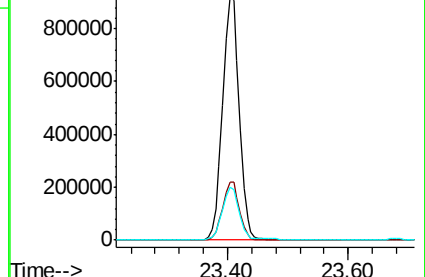
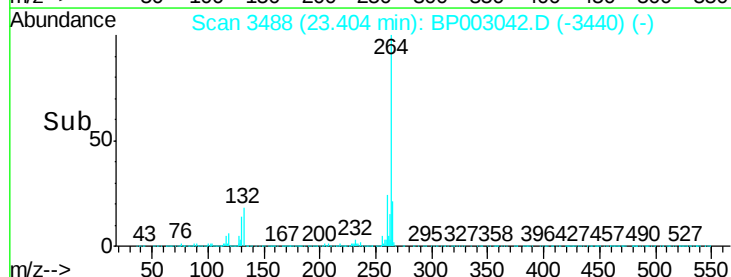
265 21.5 17.3 25.9

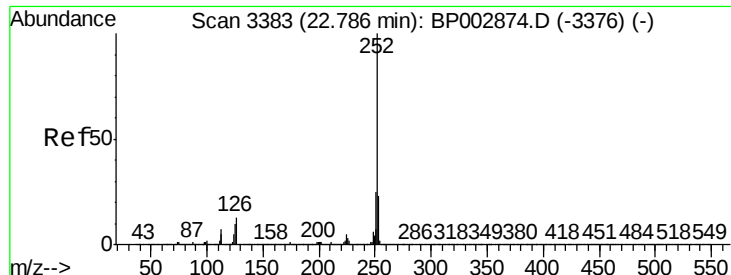


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 2.032 ng

RT: 22.73 min Scan# 3373

Delta R.T. -0.02 min

Lab File: BP003042.D

Acq: 19 Aug 2020 20:37

Instrument :

BNA\_P

ClientSampleId :

CHRT-25433

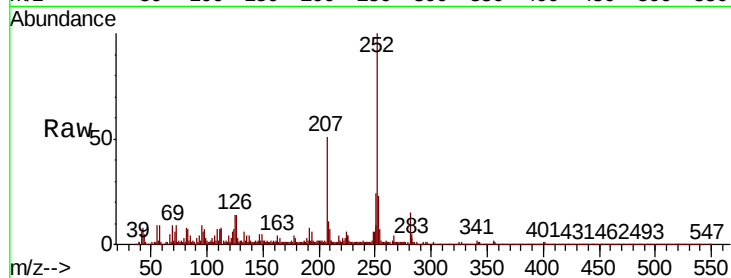
Tot Ion:252 Resp: 252603

Ion Ratio Lower Upper

252 100

253 23.2 18.2 27.2

125 14.3 9.4 14.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

