

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM122320\  
 Data File : BM028250.D  
 Acq On : 23 Dec 2020 14:17  
 Operator : JU/CG  
 Sample : L5176-05 20X  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 CHRT-26920

Quant Time: Dec 23 14:52:36 2020  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM121620.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 23 12:17:02 2020  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|--------|------|----------|-------|-------|----------|
| -----                       |        |      |          |       |       |          |
| Internal Standards          |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.198  | 152  | 133570   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8          | 11.028 | 136  | 518067   | 20.00 | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 14.827 | 164  | 276224   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.551 | 188  | 514726   | 20.00 | ng    | # 0.00   |
| 76) Chrysene-d12            | 21.662 | 240  | 505202   | 20.00 | ng    | # 0.00   |
| 86) Perylene-d12            | 24.021 | 264  | 522921   | 20.00 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |       |       |          |
| 5) 2-Fluorophenol           | 5.693  | 112  | 22530    | 2.78  | ng    | 0.00     |
| 7) Phenol-d6                | 7.334  | 99   | 30671    | 2.65  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.369  | 82   | 19600    | 1.88  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.304 | 330  | 9664     | 2.64  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.451 | 172  | 47578    | 2.24  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.121 | 244  | 60867    | 2.19  | ng    | 0.00     |

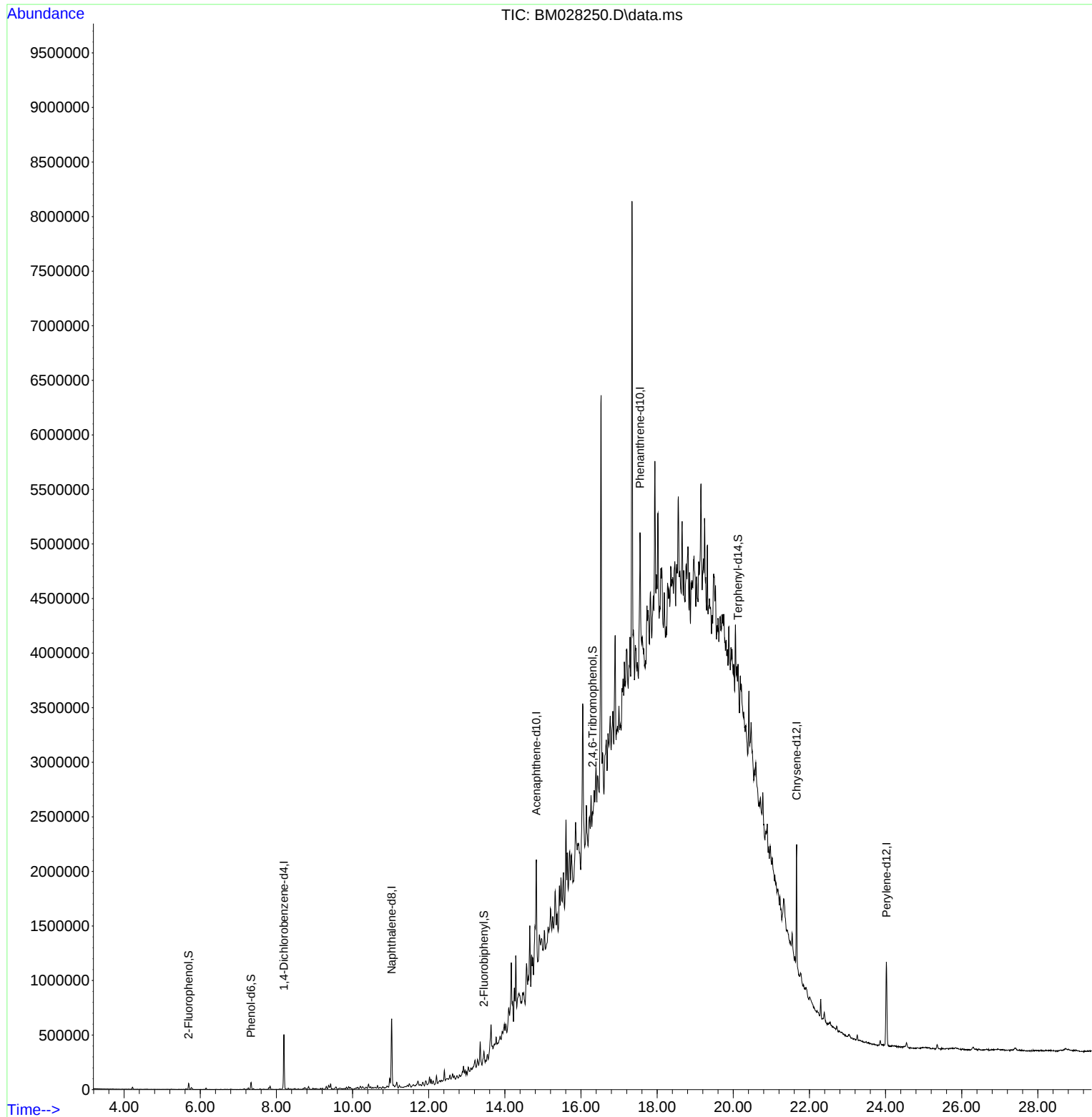
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

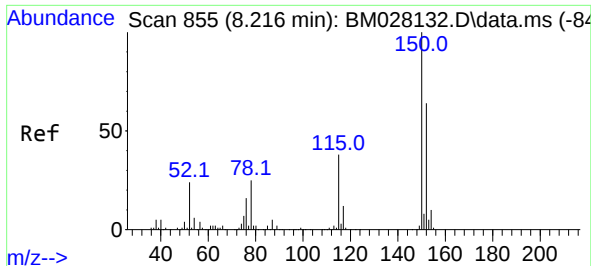
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM122320\  
Data File : BM028250.D  
Acq On : 23 Dec 2020 14:17  
Operator : JU/CG  
Sample : L5176-05 20X  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
CHRT-26920

Quant Time: Dec 23 14:52:36 2020  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM121620.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Dec 23 12:17:02 2020  
Response via : Initial Calibration

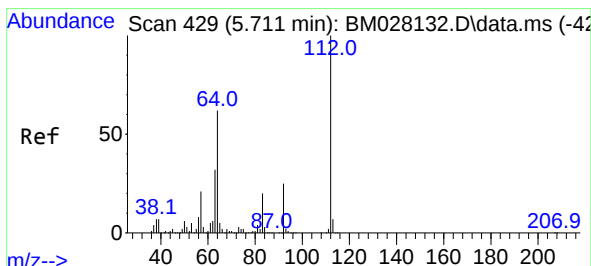
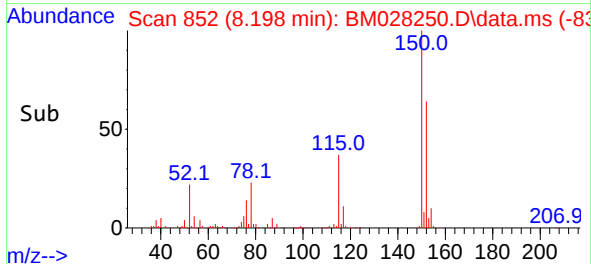
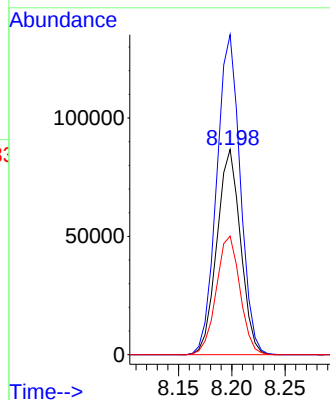
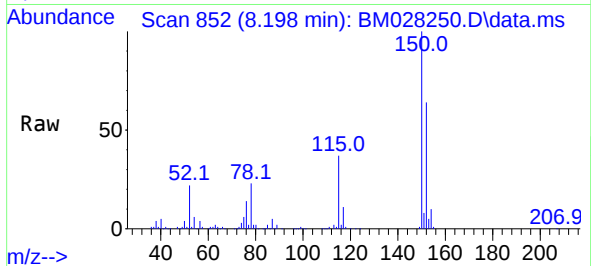




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 8.198 min Scan# 852  
Delta R.T. 0.000 min  
Lab File: BM028250.D  
Acq: 23 Dec 2020 14:17

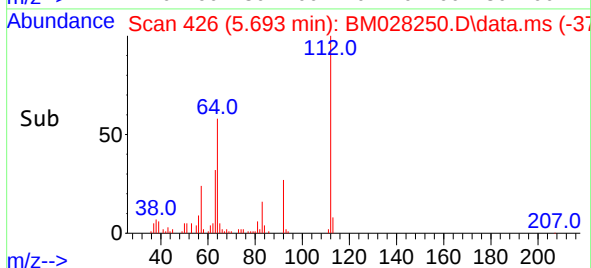
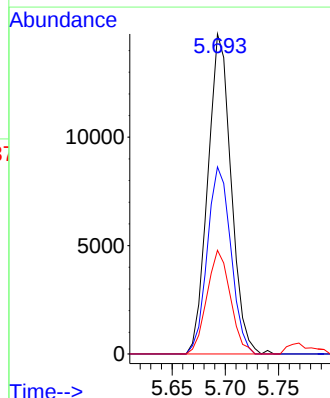
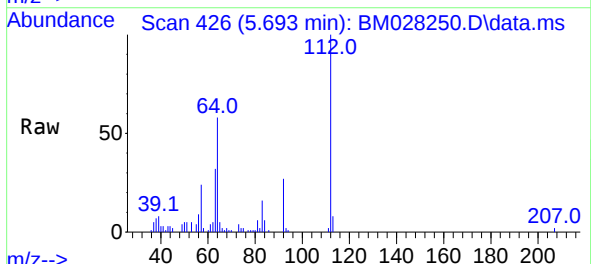
Instrument :  
BNA\_M  
ClientSampleId :  
CHRT-26920

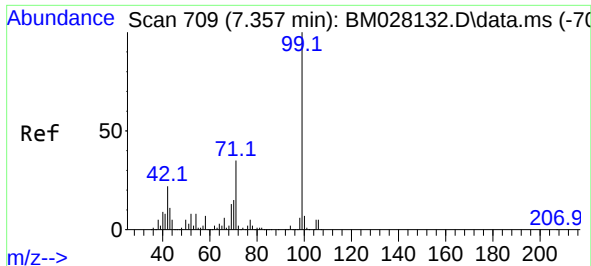
Tgt Ion:152 Resp: 133570  
Ion Ratio Lower Upper  
152 100  
150 155.9 120.6 181.0  
115 57.8 47.2 70.8



#5  
2-Fluorophenol  
Concen: 2.78 ng  
RT: 5.693 min Scan# 426  
Delta R.T. 0.000 min  
Lab File: BM028250.D  
Acq: 23 Dec 2020 14:17

Tgt Ion:112 Resp: 22530  
Ion Ratio Lower Upper  
112 100  
64 58.4 50.6 76.0  
63 32.4 31.0 46.6

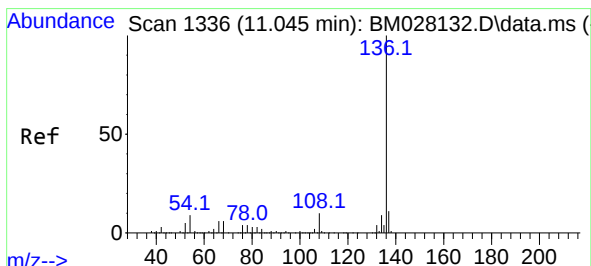
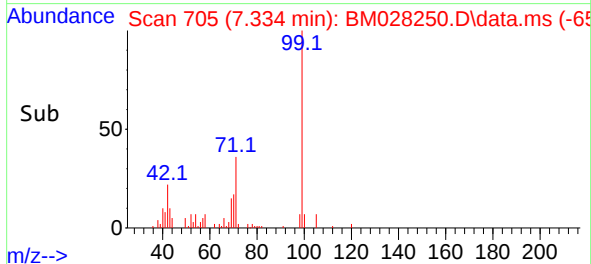
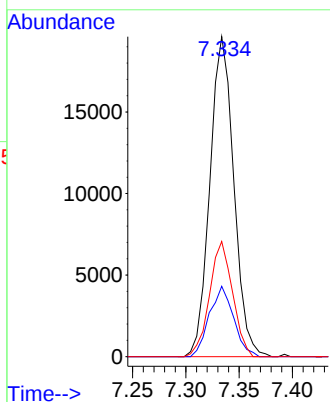
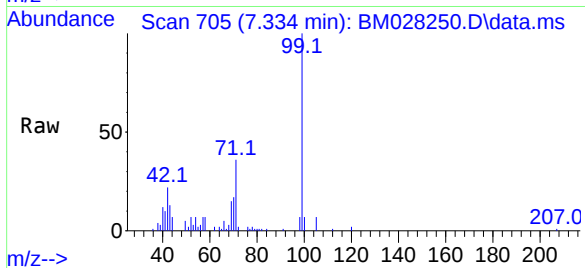




#7  
Phenol-d6  
Concen: 2.65 ng  
RT: 7.334 min Scan# 705  
Delta R.T. -0.006 min  
Lab File: BM028250.D  
Acq: 23 Dec 2020 14:17

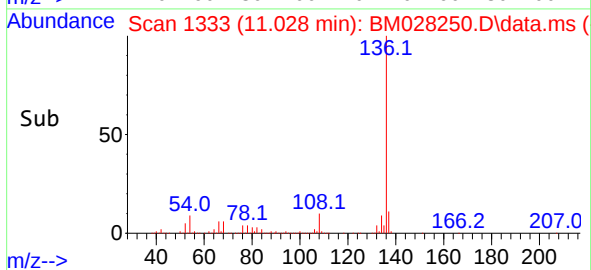
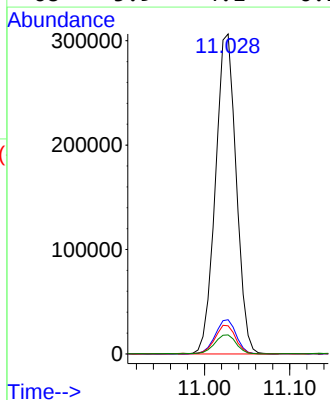
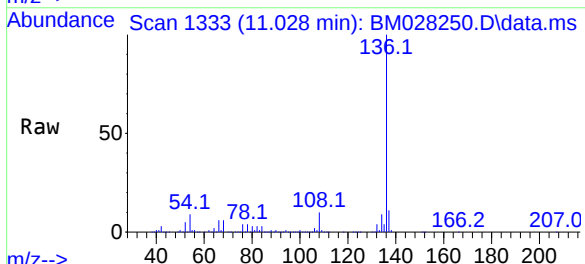
Instrument :  
BNA\_M  
ClientSampled :  
CHRT-26920

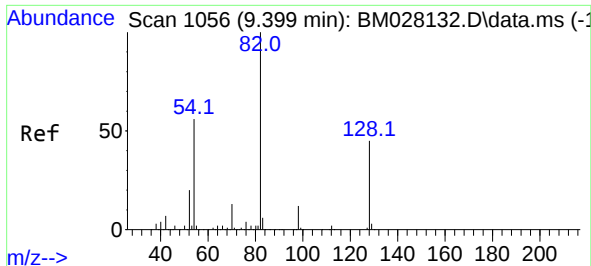
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 30671 |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 22.0  | 13.5  | 20.3# |
| 71       | 36.0  | 39.4  | 59.0# |



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 11.028 min Scan# 1333  
Delta R.T. 0.000 min  
Lab File: BM028250.D  
Acq: 23 Dec 2020 14:17

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 518067 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.7  | 8.6   | 12.8   |
| 54       | 8.8   | 4.6   | 7.0#   |
| 68       | 5.9   | 4.1   | 6.1    |

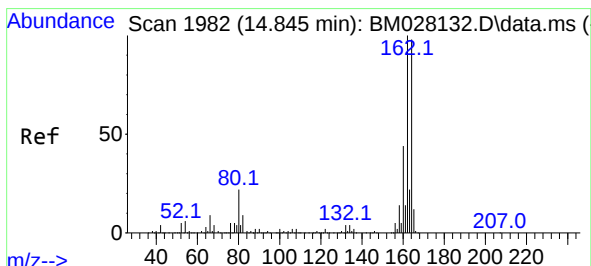
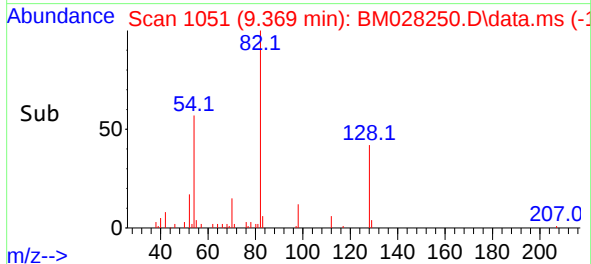
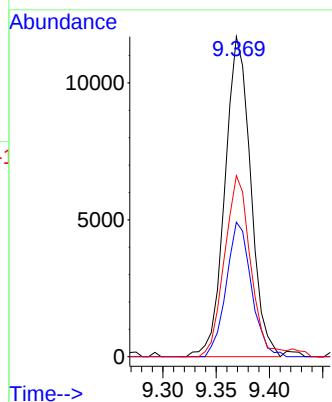
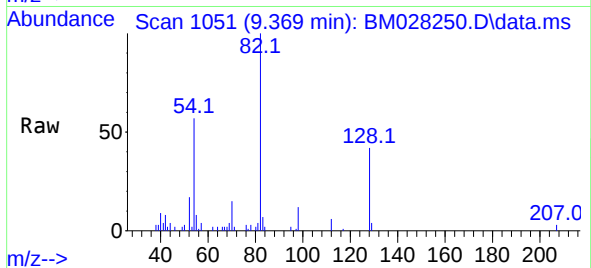




#23  
Nitrobenzene-d5  
Concen: 1.88 ng  
RT: 9.369 min Scan# 1051  
Delta R.T. -0.006 min  
Lab File: BM028250.D  
Acq: 23 Dec 2020 14:17

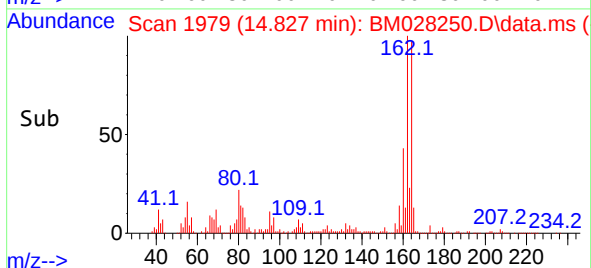
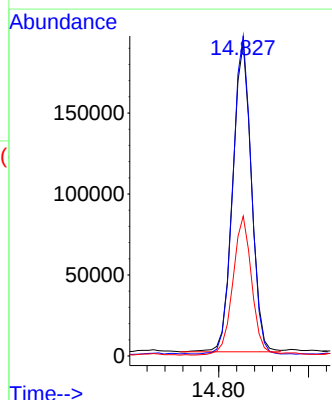
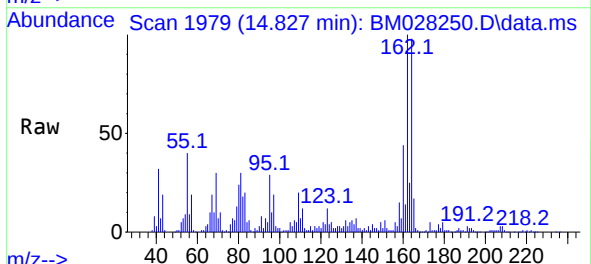
Instrument :  
BNA\_M  
ClientSampleId :  
CHRT-26920

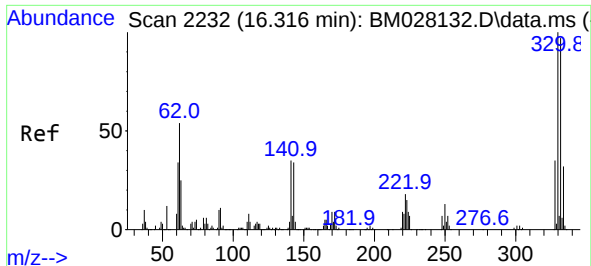
Tgt Ion: 82 Resp: 19600  
Ion Ratio Lower Upper  
82 100  
128 42.1 27.4 41.0#  
54 56.5 31.4 47.0#



#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.827 min Scan# 1979  
Delta R.T. 0.000 min  
Lab File: BM028250.D  
Acq: 23 Dec 2020 14:17

Tgt Ion:164 Resp: 276224  
Ion Ratio Lower Upper  
164 100  
162 102.3 80.4 120.6  
160 44.7 35.9 53.9

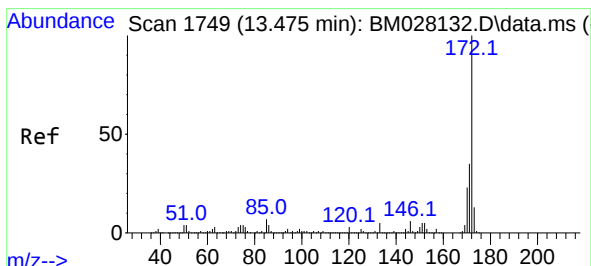
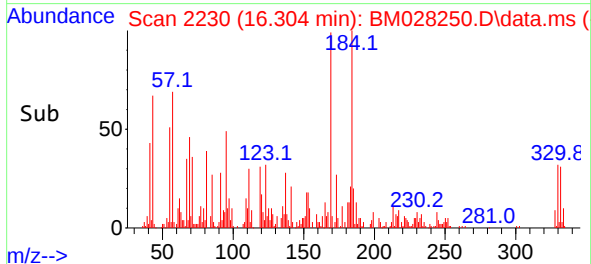
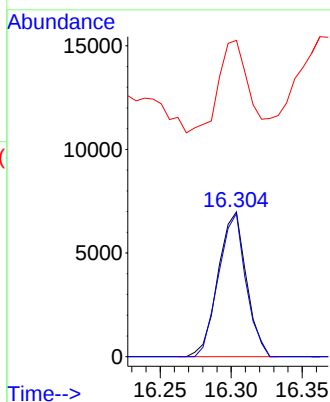
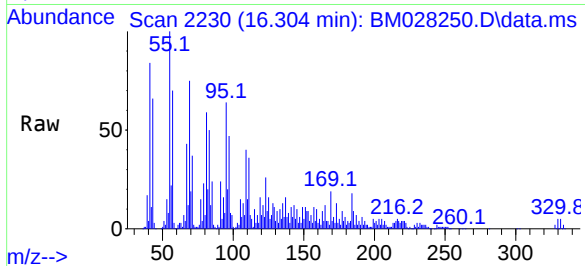




#42  
2,4,6-Tribromophenol  
Concen: 2.64 ng  
RT: 16.304 min Scan# 2230  
Delta R.T. 0.000 min  
Lab File: BM028250.D  
Acq: 23 Dec 2020 14:17

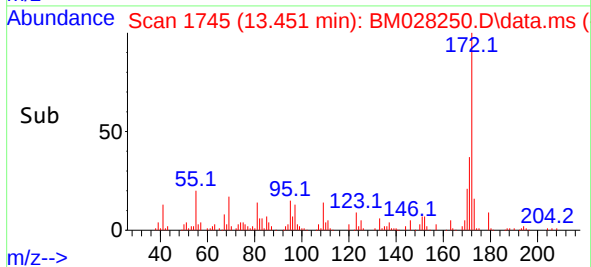
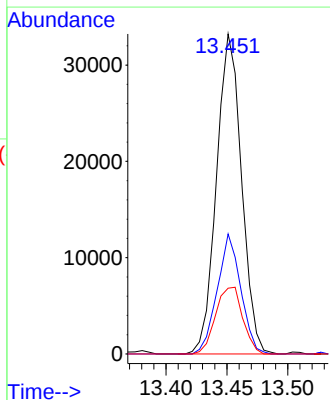
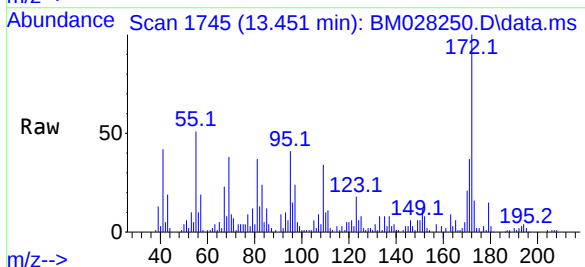
Instrument :  
BNA\_M  
ClientSampled :  
CHRT-26920

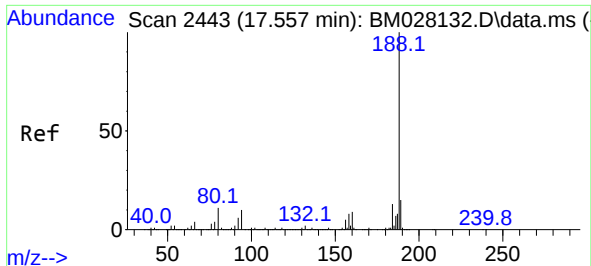
Tgt Ion:330 Resp: 9664  
Ion Ratio Lower Upper  
330 100  
332 95.7 77.8 116.8  
141 58.3 28.4 42.6#



#45  
2-Fluorobiphenyl  
Concen: 2.24 ng  
RT: 13.451 min Scan# 1745  
Delta R.T. -0.006 min  
Lab File: BM028250.D  
Acq: 23 Dec 2020 14:17

Tgt Ion:172 Resp: 47578  
Ion Ratio Lower Upper  
172 100  
171 37.5 27.8 41.8  
170 20.6 18.6 27.8

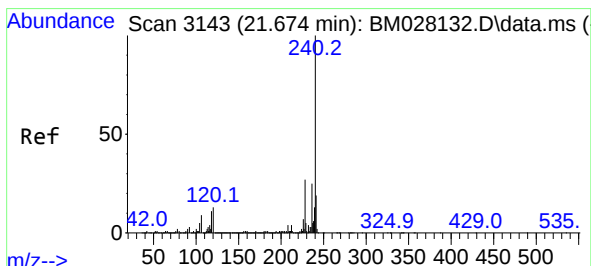
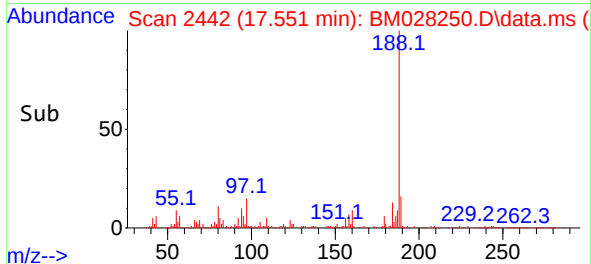
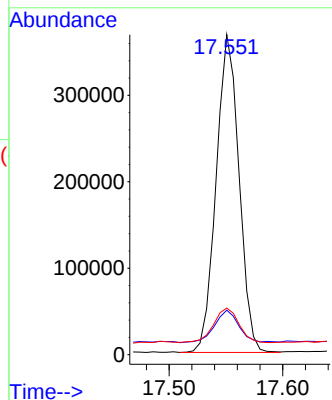
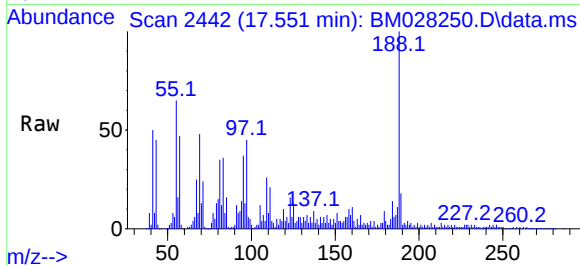




#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.551 min Scan# 2442  
Delta R.T. 0.006 min  
Lab File: BM028250.D  
Acq: 23 Dec 2020 14:17

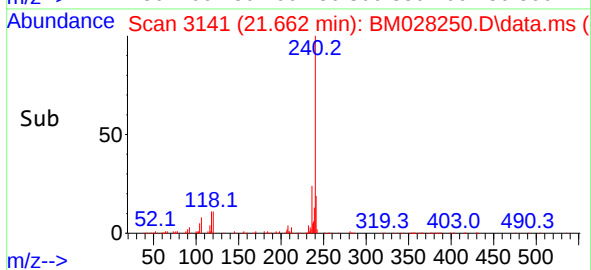
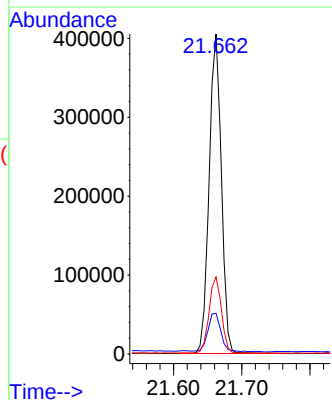
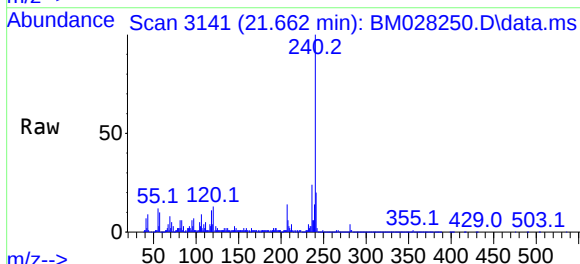
Instrument :  
BNA\_M  
ClientSampled :  
CHRT-26920

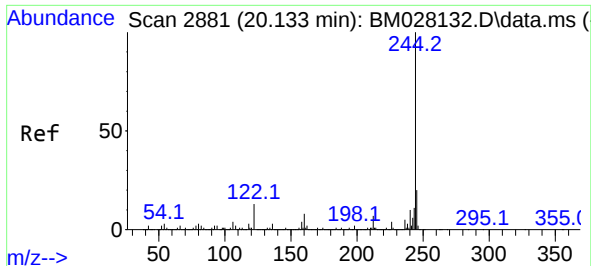
Tgt Ion:188 Resp: 514726  
Ion Ratio Lower Upper  
188 100  
94 13.9 6.2 9.4#  
80 14.5 7.5 11.3#



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.662 min Scan# 3141  
Delta R.T. 0.000 min  
Lab File: BM028250.D  
Acq: 23 Dec 2020 14:17

Tgt Ion:240 Resp: 505202  
Ion Ratio Lower Upper  
240 100  
120 12.7 6.4 9.6#  
236 24.1 20.1 30.1

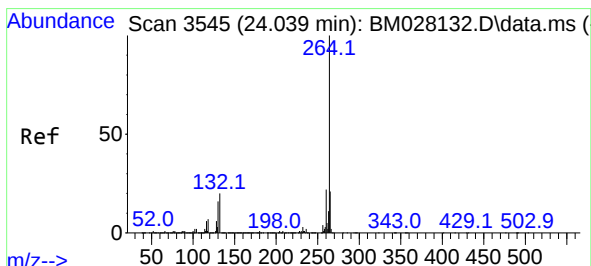
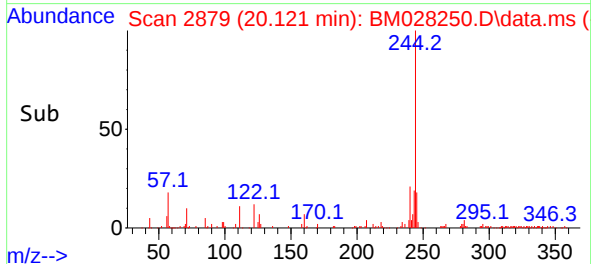
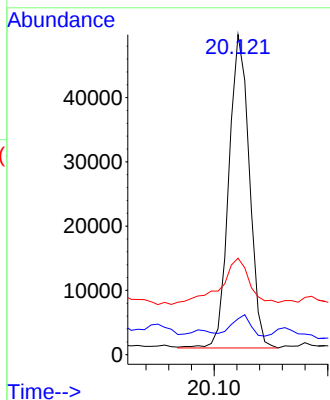
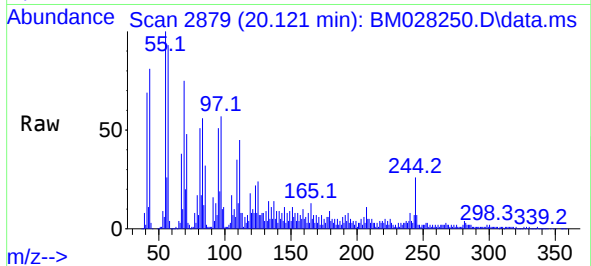




#79  
Terphenyl-d14  
Concen: 2.19 ng  
RT: 20.121 min Scan# 2879  
Delta R.T. 0.000 min  
Lab File: BM028250.D  
Acq: 23 Dec 2020 14:17

Instrument :  
BNA\_M  
ClientSampled :  
CHRT-26920

Tgt Ion:244 Resp: 60867  
Ion Ratio Lower Upper  
244 100  
212 11.2 5.8 8.8#  
122 30.1 6.5 9.7#



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 24.021 min Scan# 3542  
Delta R.T. 0.000 min  
Lab File: BM028250.D  
Acq: 23 Dec 2020 14:17

Tgt Ion:264 Resp: 522921  
Ion Ratio Lower Upper  
264 100  
260 21.7 19.0 28.4  
265 21.7 17.7 26.5

