

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032921\  
 Data File : BM029260.D  
 Acq On : 30 Mar 2021 00:46  
 Operator : CG/JU  
 Sample : M1828-05  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 FS-SB14(15-16)

Quant Time: Mar 30 05:18:14 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM032621.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Mar 29 11:14:33 2021  
 Response via : Initial Calibration

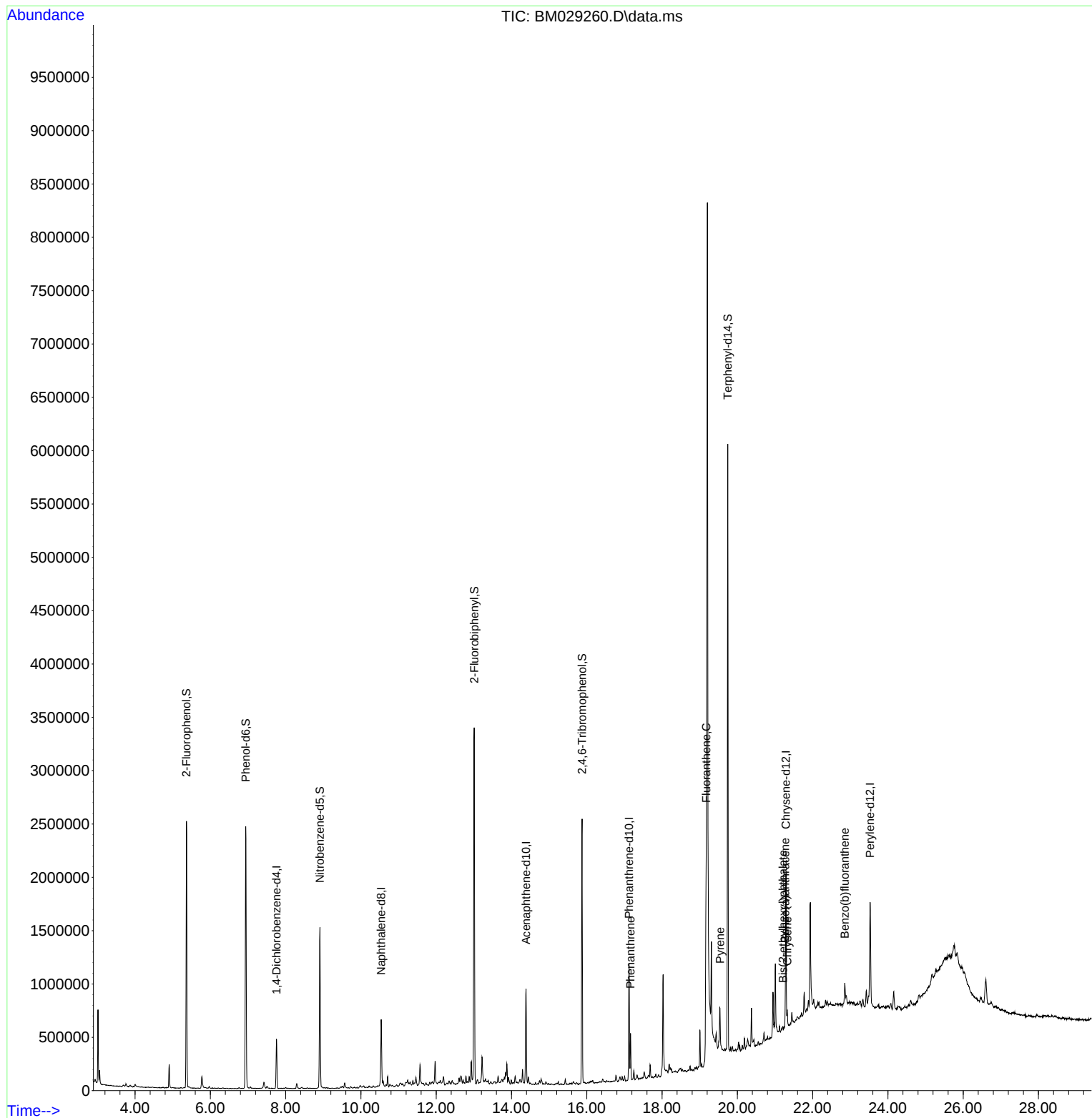
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.757  | 152  | 113094   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.539 | 136  | 466461   | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.386 | 164  | 281082   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.121 | 188  | 582160   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.292 | 240  | 585592   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12              | 23.527 | 264  | 617872   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.363  | 112  | 955734   | 145.67 | ng    | 0.01     |
| 7) Phenol-d6                  | 6.940  | 99   | 1250585  | 132.83 | ng    | 0.02     |
| 23) Nitrobenzene-d5           | 8.910  | 82   | 850659   | 88.54  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.874 | 330  | 351017   | 134.85 | ng    | 0.01     |
| 45) 2-Fluorobiphenyl          | 13.010 | 172  | 1632712  | 82.39  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.745 | 244  | 2183041  | 74.89  | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 71) Phenanthrene              | 17.163 | 178  | 239695   | 7.10   | ng    | 98       |
| 75) Fluoranthene              | 19.174 | 202  | 241903   | 6.49   | ng    | 98       |
| 78) Pyrene                    | 19.539 | 202  | 223626   | 5.64   | ng    | 98       |
| 81) Benzo(a)anthracene        | 21.274 | 228  | 85838    | 2.25   | ng    | 99       |
| 83) Chrysene                  | 21.327 | 228  | 80382    | 2.10   | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 21.215 | 149  | 7513     | 3.88   | ng    | # 89     |
| 88) Benzo(b)fluoranthene      | 22.856 | 252  | 88708    | 2.21   | ng    | # 87     |
| -----                         |        |      |          |        |       |          |

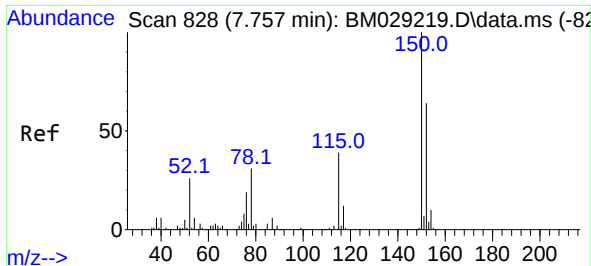
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032921\  
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ALS Vial : 12 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Mar 29 11:14:33 2021  
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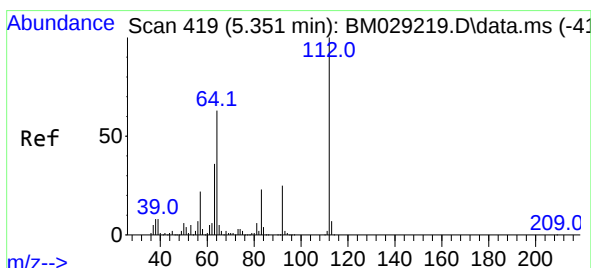
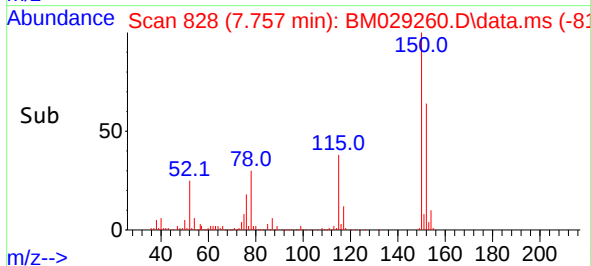
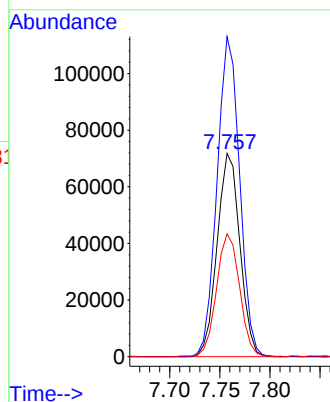
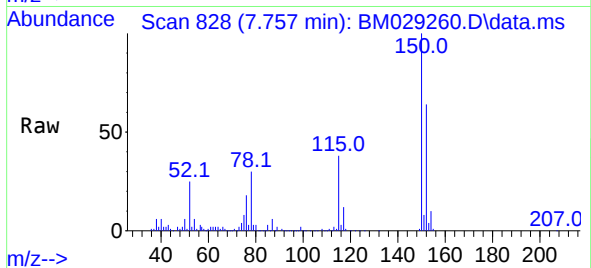




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.757 min Scan# 828  
Delta R.T. 0.005 min  
Lab File: BM029260.D  
Acq: 30 Mar 2021 00:46

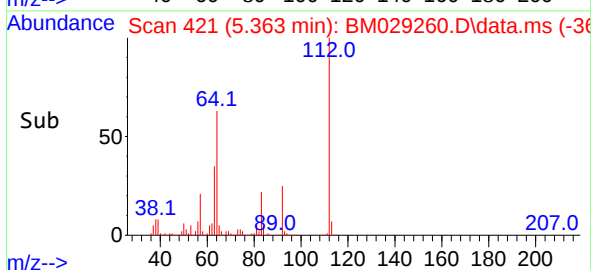
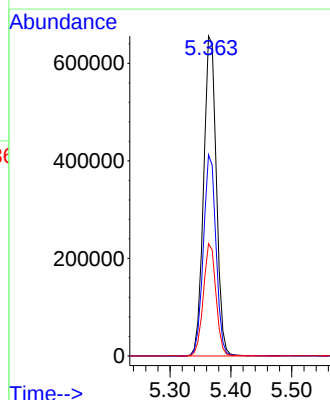
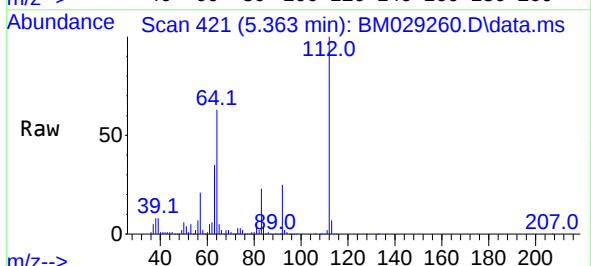
Instrument :  
BNA\_M  
ClientSampleId :  
FS-SB14(15-16)

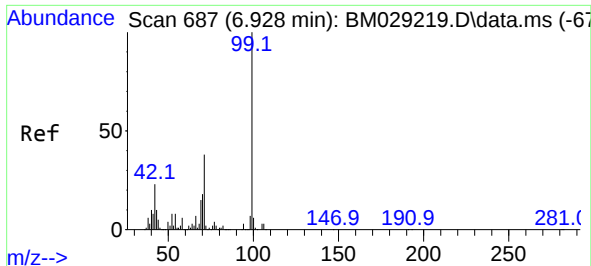
Tgt Ion:152 Resp: 113094  
Ion Ratio Lower Upper  
152 100  
150 157.4 124.3 186.5  
115 60.4 46.4 69.6



#5  
2-Fluorophenol  
Concen: 145.67 ng  
RT: 5.363 min Scan# 421  
Delta R.T. 0.012 min  
Lab File: BM029260.D  
Acq: 30 Mar 2021 00:46

Tgt Ion:112 Resp: 955734  
Ion Ratio Lower Upper  
112 100  
64 62.9 51.6 77.4  
63 35.1 29.0 43.4



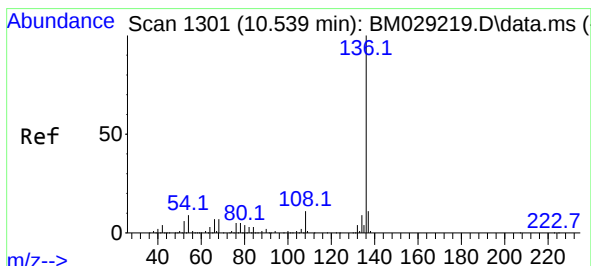
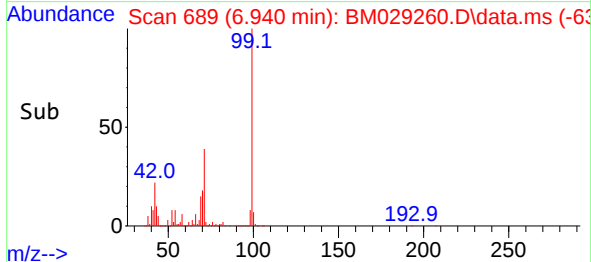
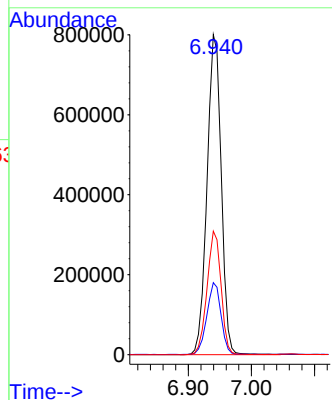
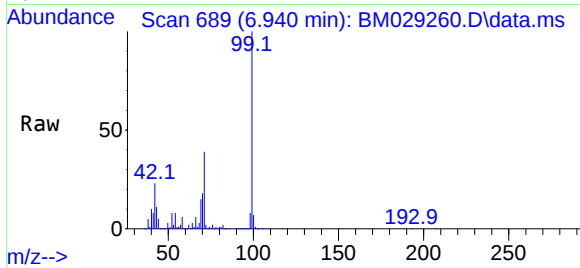


#7  
Phenol-d6  
Concen: 132.83 ng  
RT: 6.940 min Scan# 689  
Delta R.T. 0.017 min  
Lab File: BM029260.D  
Acq: 30 Mar 2021 00:46

Instrument :  
BNA\_M  
ClientSampleId :  
FS-SB14(15-16)

Tgt Ion: 99 Resp: 1250585

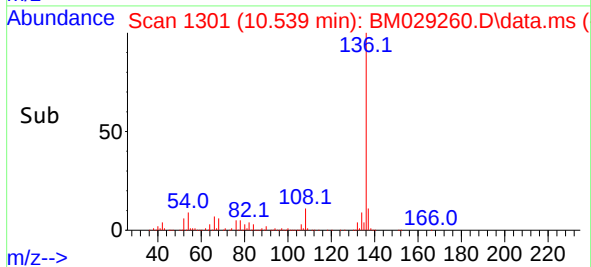
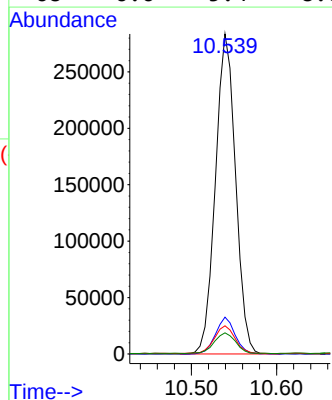
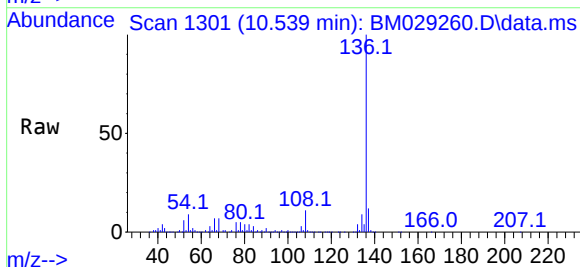
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 22.5  | 18.5  | 27.7  |
| 71  | 38.6  | 31.8  | 47.6  |

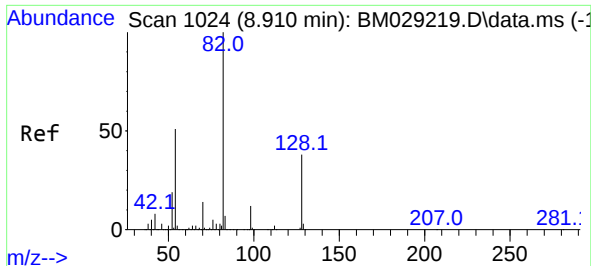


#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.539 min Scan# 1301  
Delta R.T. 0.006 min  
Lab File: BM029260.D  
Acq: 30 Mar 2021 00:46

Tgt Ion: 136 Resp: 466461

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.5  | 9.3   | 13.9  |
| 54  | 8.8   | 6.9   | 10.3  |
| 68  | 6.6   | 5.4   | 8.0   |

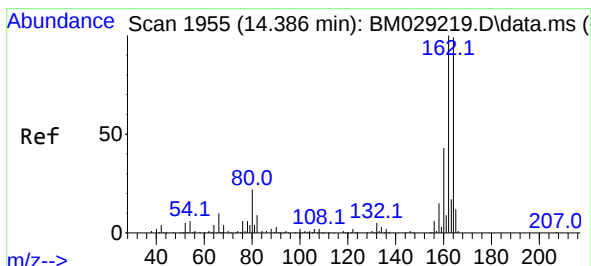
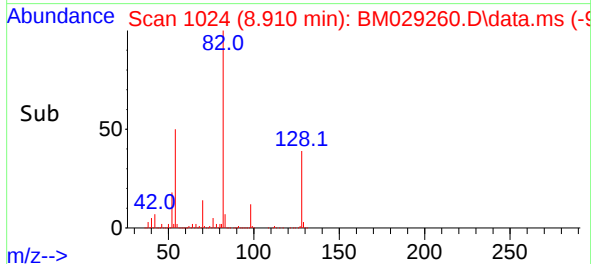
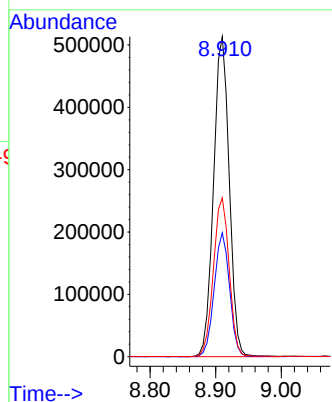
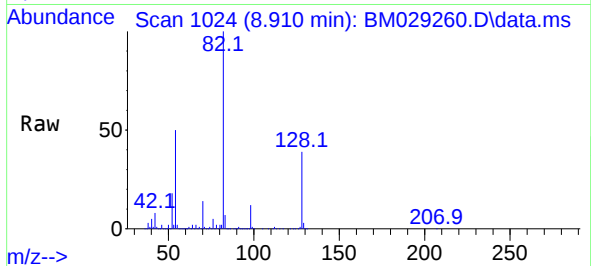




#23  
Nitrobenzene-d5  
Concen: 88.54 ng  
RT: 8.910 min Scan# 1024  
Delta R.T. 0.006 min  
Lab File: BM029260.D  
Acq: 30 Mar 2021 00:46

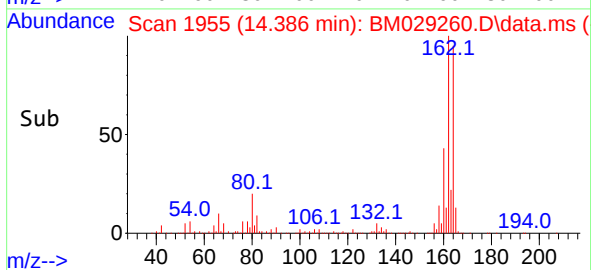
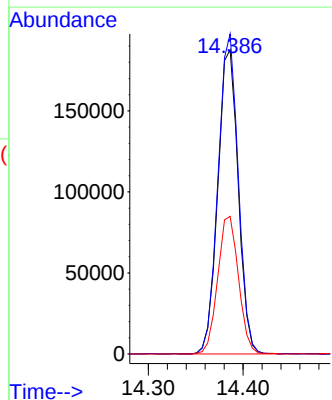
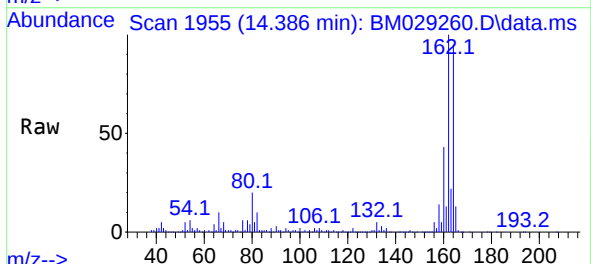
Instrument :  
BNA\_M  
ClientSampleId :  
FS-SB14(15-16)

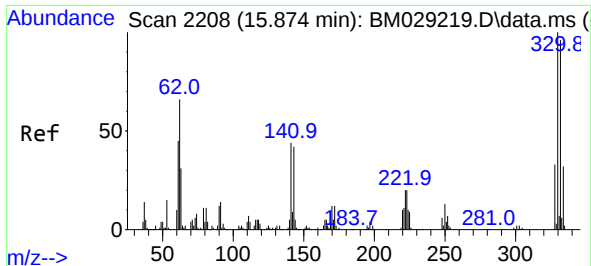
Tgt Ion: 82 Resp: 850659  
Ion Ratio Lower Upper  
82 100  
128 38.7 28.6 42.8  
54 49.6 40.7 61.1



#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.386 min Scan# 1955  
Delta R.T. 0.006 min  
Lab File: BM029260.D  
Acq: 30 Mar 2021 00:46

Tgt Ion:164 Resp: 281082  
Ion Ratio Lower Upper  
164 100  
162 105.2 84.4 126.6  
160 45.2 36.6 54.8

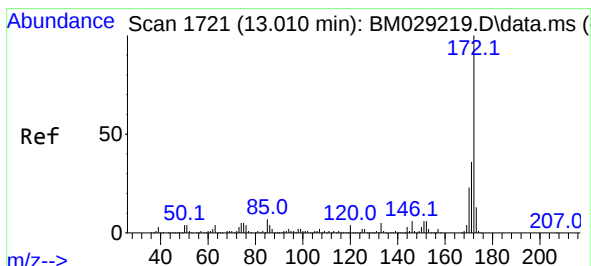
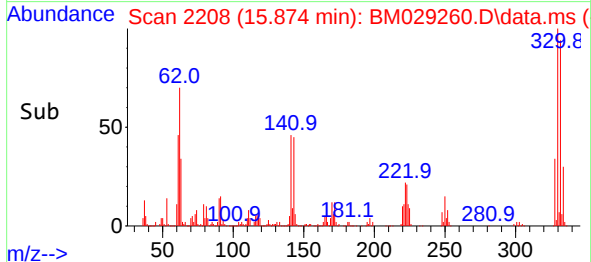
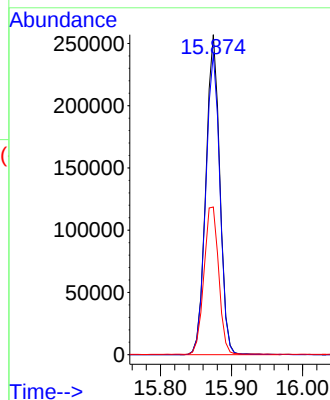
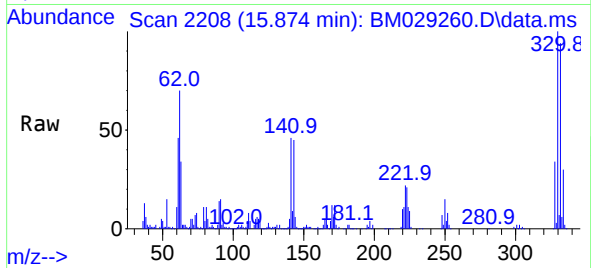




#42  
2,4,6-Tribromophenol  
Concen: 134.85 ng  
RT: 15.874 min Scan# 2208  
Delta R.T. 0.012 min  
Lab File: BM029260.D  
Acq: 30 Mar 2021 00:46

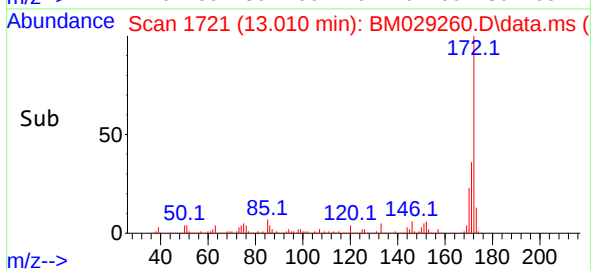
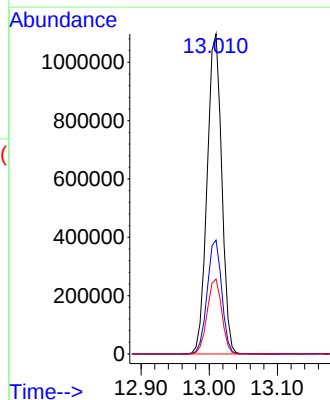
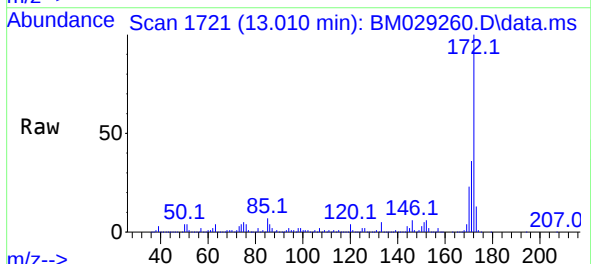
Instrument :  
BNA\_M  
ClientSampleId :  
FS-SB14(15-16)

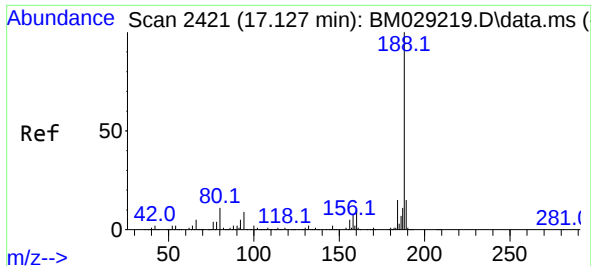
Tgt Ion:330 Resp: 351017  
Ion Ratio Lower Upper  
330 100  
332 95.7 77.1 115.7  
141 48.8 39.2 58.8



#45  
2-Fluorobiphenyl  
Concen: 82.39 ng  
RT: 13.010 min Scan# 1721  
Delta R.T. 0.006 min  
Lab File: BM029260.D  
Acq: 30 Mar 2021 00:46

Tgt Ion:172 Resp: 1632712  
Ion Ratio Lower Upper  
172 100  
171 35.6 28.7 43.1  
170 23.4 18.8 28.2

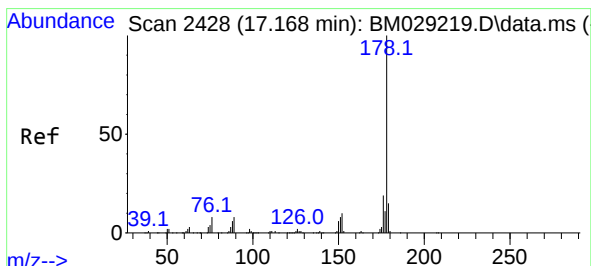
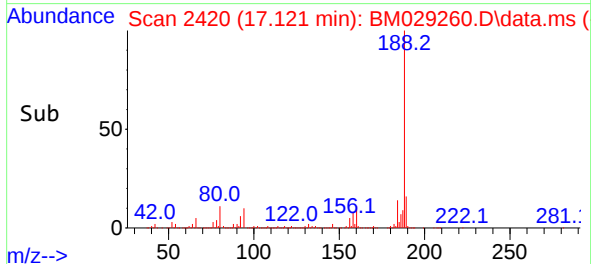
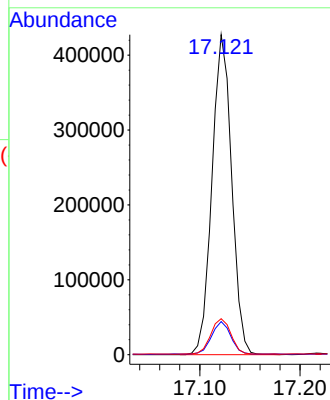
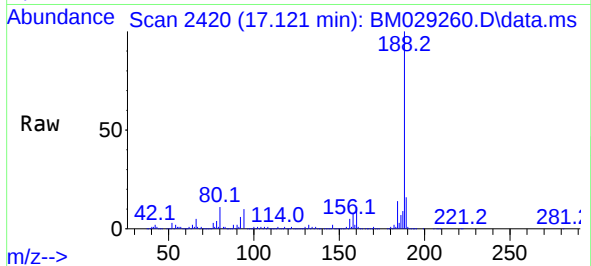




#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.121 min Scan# 2420  
Delta R.T. 0.006 min  
Lab File: BM029260.D  
Acq: 30 Mar 2021 00:46

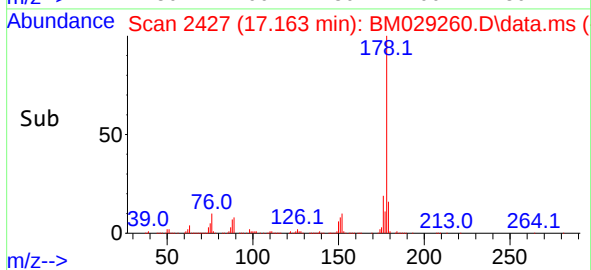
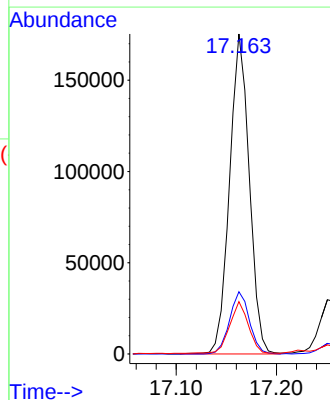
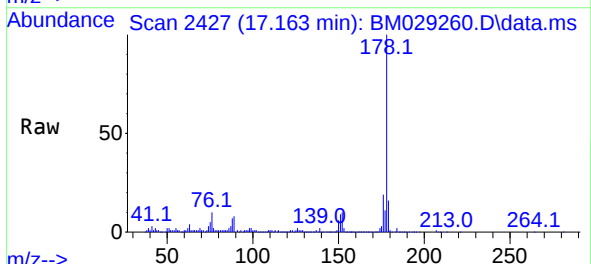
Instrument :  
BNA\_M  
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FS-SB14(15-16)

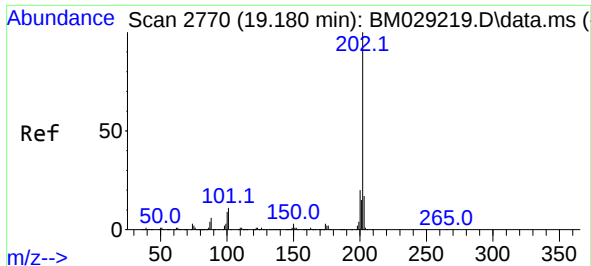
Tgt Ion:188 Resp: 582160  
Ion Ratio Lower Upper  
188 100  
94 10.4 8.1 12.1  
80 11.3 9.2 13.8



#71  
Phenanthrene  
Concen: 7.10 ng  
RT: 17.163 min Scan# 2427  
Delta R.T. 0.006 min  
Lab File: BM029260.D  
Acq: 30 Mar 2021 00:46

Tgt Ion:178 Resp: 239695  
Ion Ratio Lower Upper  
178 100  
176 19.5 15.7 23.5  
179 16.4 11.9 17.9

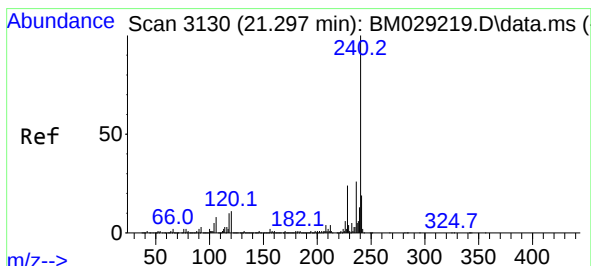
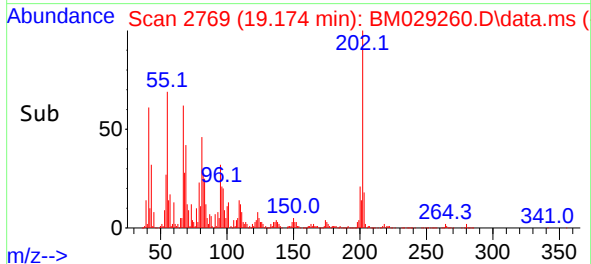
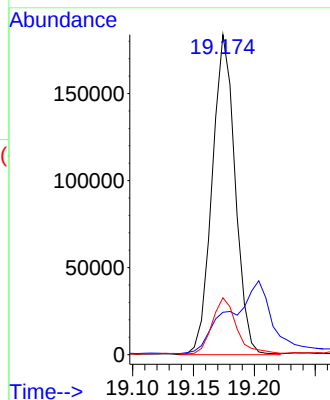
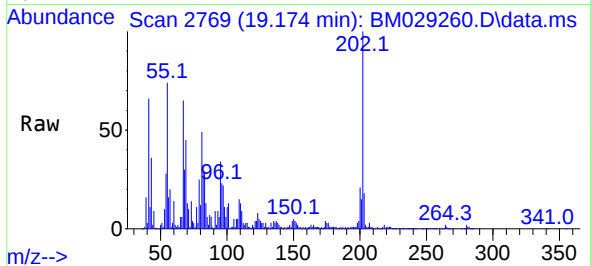




#75  
Fluoranthene  
Concen: 6.49 ng  
RT: 19.174 min Scan# 2769  
Delta R.T. 0.006 min  
Lab File: BM029260.D  
Acq: 30 Mar 2021 00:46

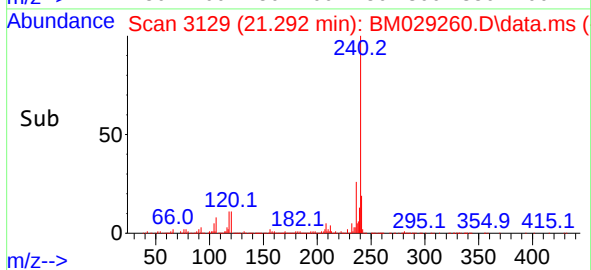
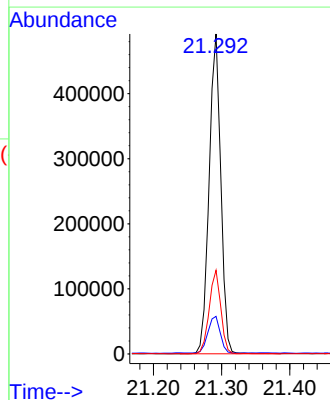
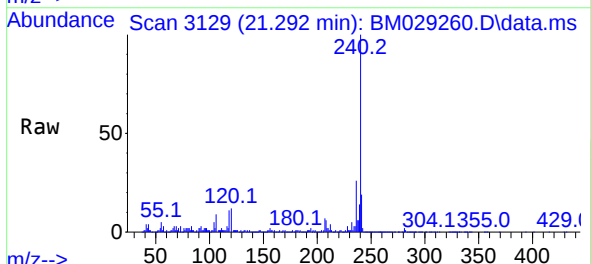
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BNA\_M  
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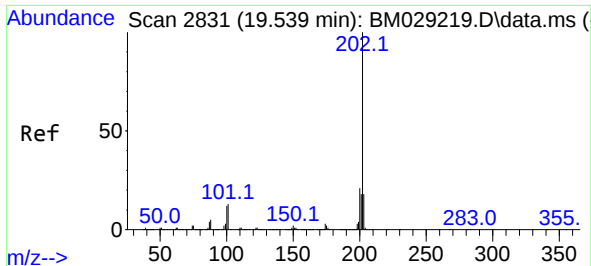
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|----------|-------|-------|--------|
| Tgt Ion: | 202   | Resp: | 241903 |
| Ion      | Ratio | Lower | Upper  |
| 202      | 100   |       |        |
| 101      | 13.2  | 0.0   | 31.5   |
| 203      | 17.8  | 0.0   | 37.7   |



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.292 min Scan# 3129  
Delta R.T. 0.006 min  
Lab File: BM029260.D  
Acq: 30 Mar 2021 00:46

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 240   | Resp: | 585592 |
| Ion      | Ratio | Lower | Upper  |
| 240      | 100   |       |        |
| 120      | 11.7  | 9.0   | 13.6   |
| 236      | 26.1  | 20.3  | 30.5   |

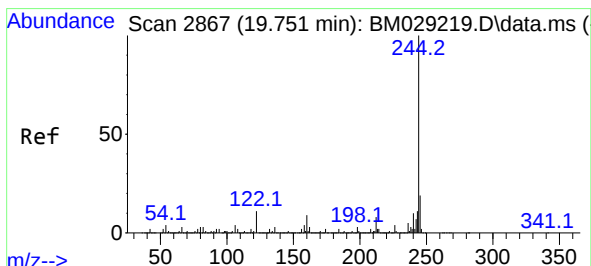
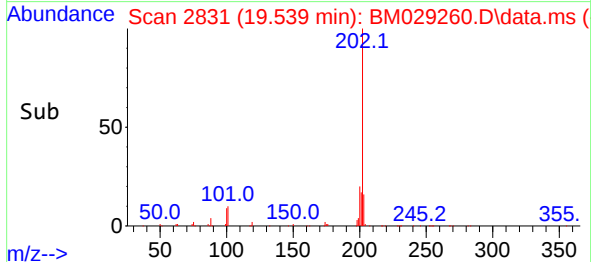
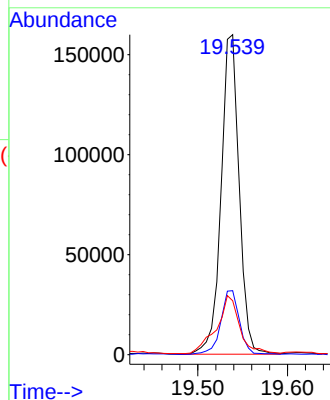
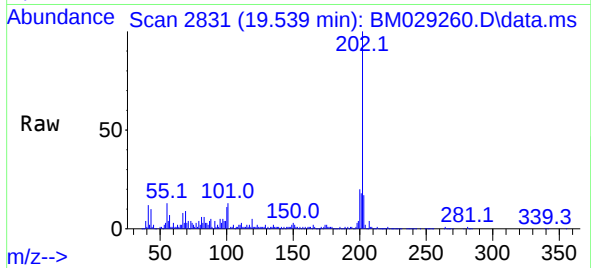




#78  
Pyrene  
Concen: 5.64 ng  
RT: 19.539 min Scan# 2831  
Delta R.T. 0.006 min  
Lab File: BM029260.D  
Acq: 30 Mar 2021 00:46

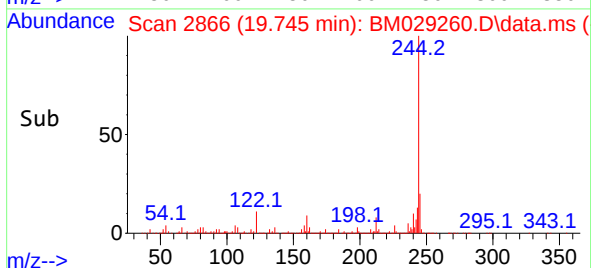
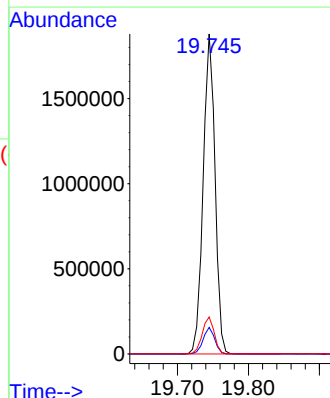
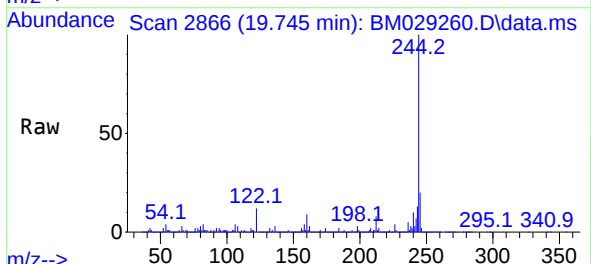
Instrument :  
BNA\_M  
ClientSampleId :  
FS-SB14(15-16)

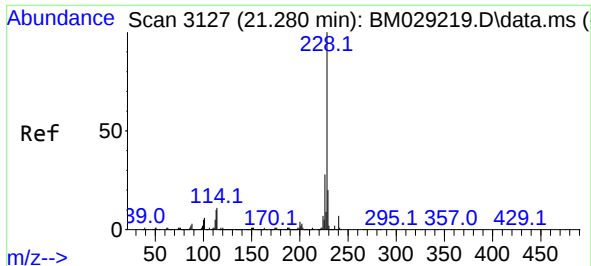
Tgt Ion:202 Resp: 223626  
Ion Ratio Lower Upper  
202 100  
200 20.0 17.0 25.6  
203 16.8 14.1 21.1



#79  
Terphenyl-d14  
Concen: 74.89 ng  
RT: 19.745 min Scan# 2866  
Delta R.T. 0.006 min  
Lab File: BM029260.D  
Acq: 30 Mar 2021 00:46

Tgt Ion:244 Resp: 2183041  
Ion Ratio Lower Upper  
244 100  
212 8.3 6.5 9.7  
122 11.6 9.2 13.8

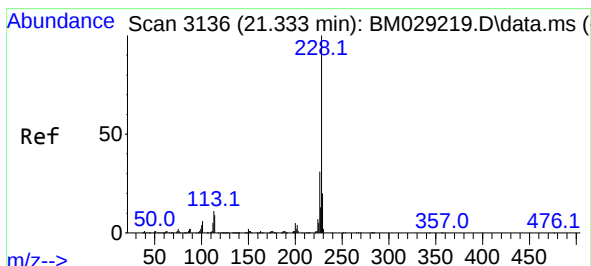
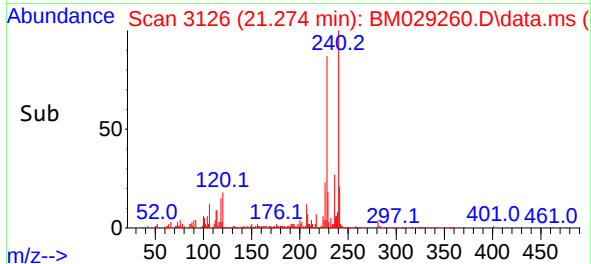
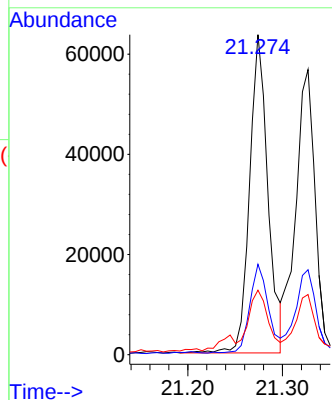
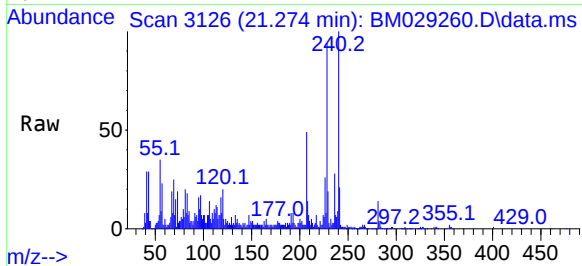




#81  
Benzo(a)anthracene  
Concen: 2.25 ng  
RT: 21.274 min Scan# 3126  
Delta R.T. 0.006 min  
Lab File: BM029260.D  
Acq: 30 Mar 2021 00:46

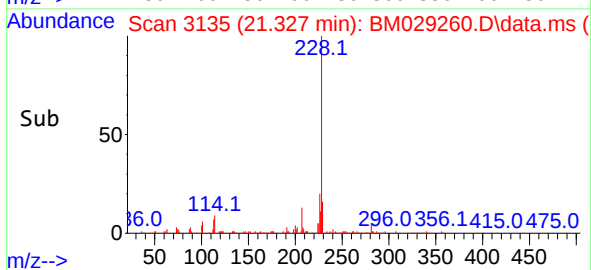
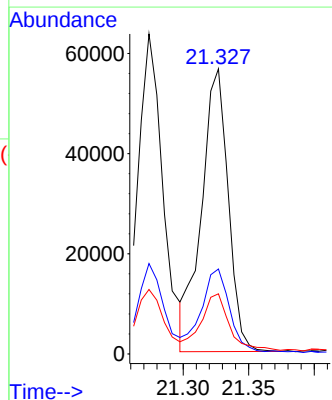
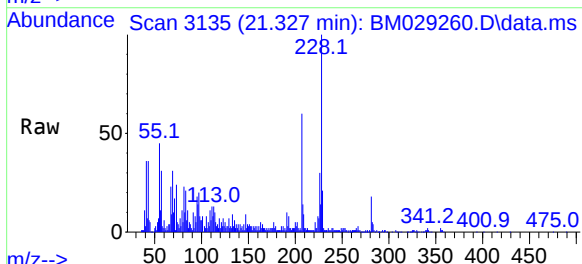
Instrument :  
BNA\_M  
ClientSampleId :  
FS-SB14(15-16)

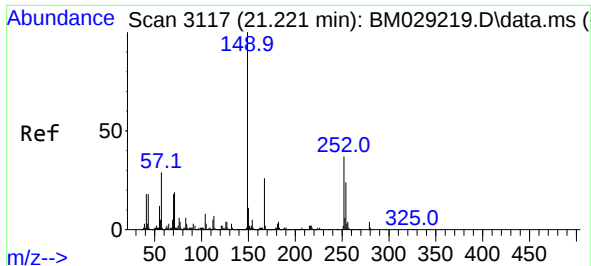
Tgt Ion:228 Resp: 85838  
Ion Ratio Lower Upper  
228 100  
226 28.3 21.9 32.9  
229 20.2 15.7 23.5



#83  
Chrysene  
Concen: 2.10 ng  
RT: 21.327 min Scan# 3135  
Delta R.T. 0.006 min  
Lab File: BM029260.D  
Acq: 30 Mar 2021 00:46

Tgt Ion:228 Resp: 80382  
Ion Ratio Lower Upper  
228 100  
226 29.8 24.7 37.1  
229 21.1 15.8 23.6

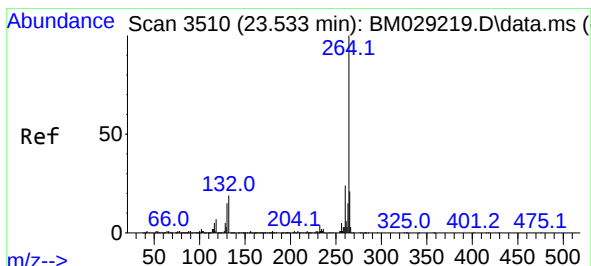
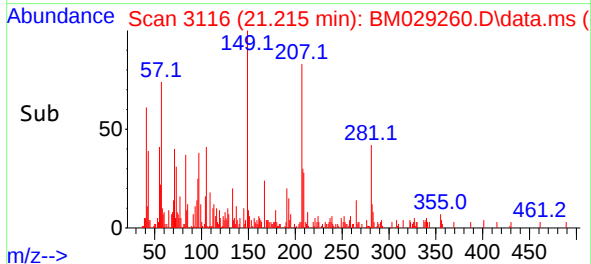
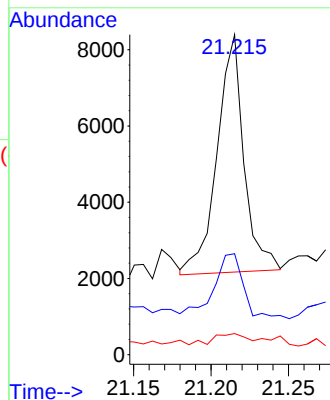
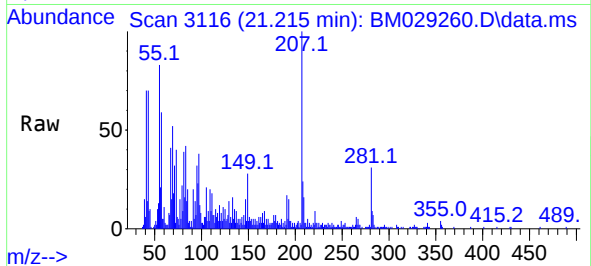




#84  
Bis(2-ethylhexyl)phthalate  
Concen: 3.88 ng  
RT: 21.215 min Scan# 3116  
Delta R.T. 0.006 min  
Lab File: BM029260.D  
Acq: 30 Mar 2021 00:46

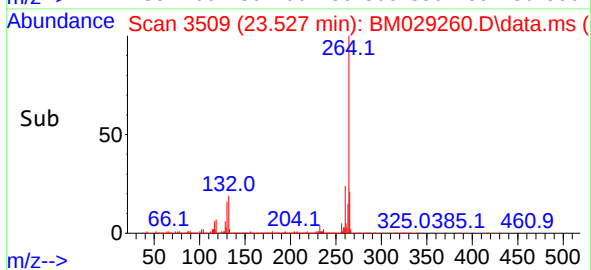
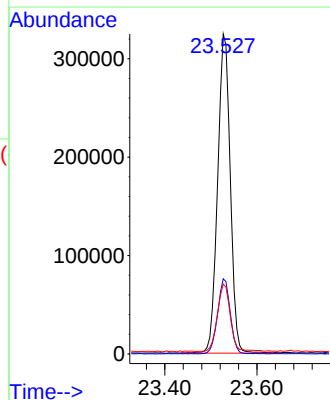
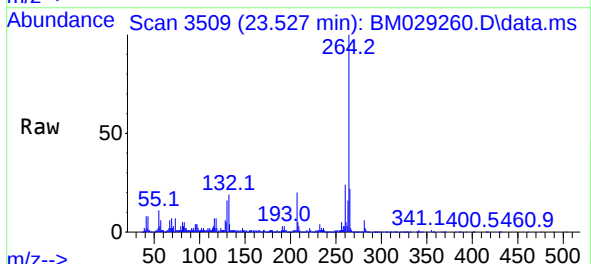
Instrument :  
BNA\_M  
ClientSampleId :  
FS-SB14(15-16)

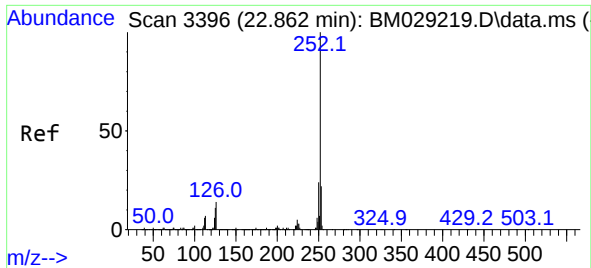
Tgt Ion:149 Resp: 7513  
Ion Ratio Lower Upper  
149 100  
167 31.6 20.6 31.0#  
279 6.6 3.3 4.9#



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 23.527 min Scan# 3509  
Delta R.T. 0.006 min  
Lab File: BM029260.D  
Acq: 30 Mar 2021 00:46

Tgt Ion:264 Resp: 617872  
Ion Ratio Lower Upper  
264 100  
260 23.5 19.6 29.4  
265 21.8 17.8 26.8





#88  
Benzo(b)fluoranthene  
Concen: 2.21 ng  
RT: 22.856 min Scan# 3395  
Delta R.T. 0.012 min  
Lab File: BM029260.D  
Acq: 30 Mar 2021 00:46

Instrument :  
BNA\_M  
ClientSampleId :  
FS-SB14(15-16)

Tgt Ion:252 Resp: 88708  
Ion Ratio Lower Upper  
252 100  
253 24.2 17.6 26.4  
125 22.9 9.0 13.4#

