

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP060721\  
 Data File : BP005771.D  
 Acq On : 08 Jun 2021 09:17  
 Operator : CG/JU  
 Sample : M2603-14  
 Misc :  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 FAM4-WC4

Quant Time: Jun 08 10:37:50 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP052721.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 07 12:13:53 2021  
 Response via : Initial Calibration

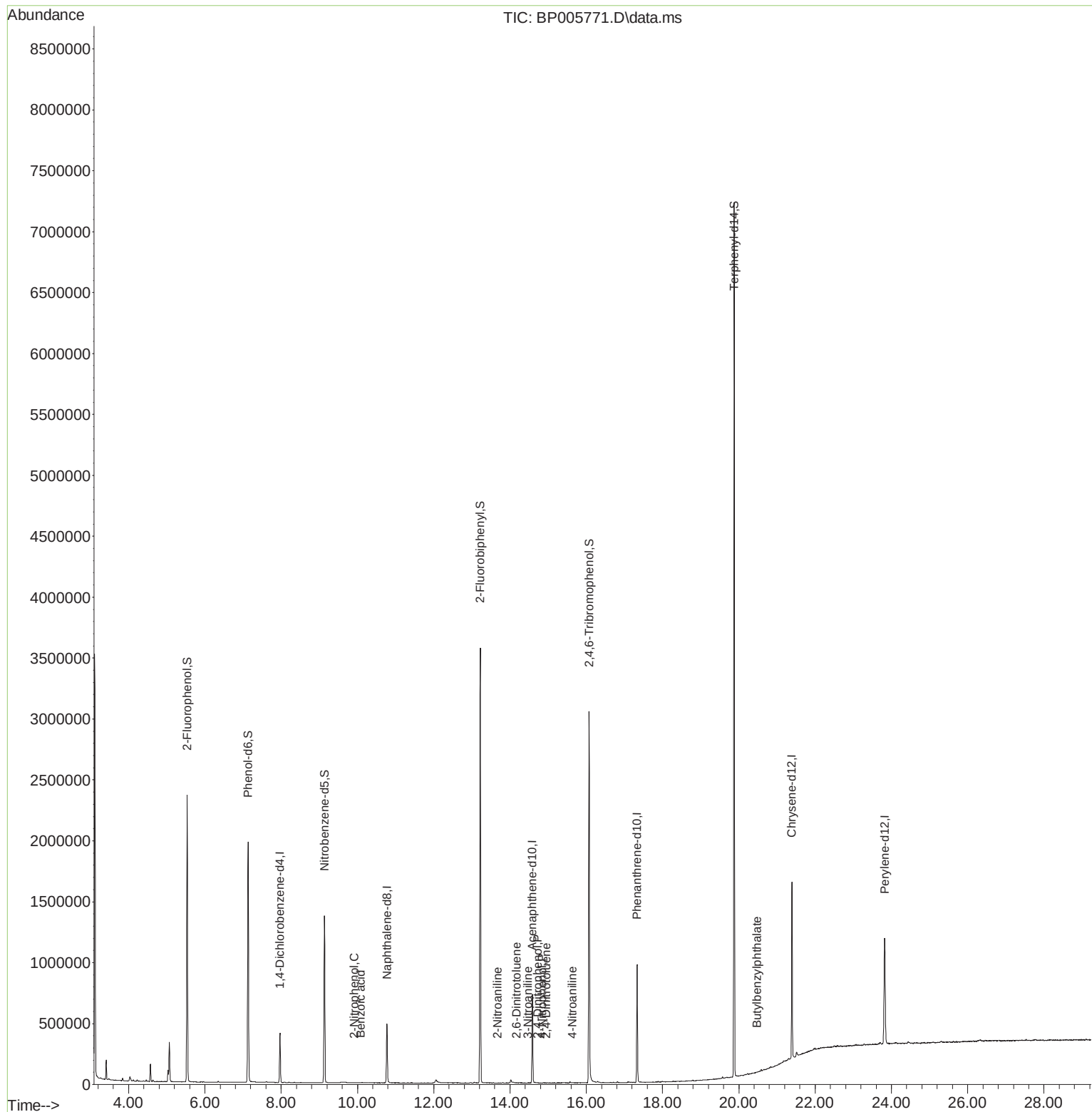
| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.969  | 152  | 110442   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.775 | 136  | 407288   | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10        | 14.587 | 164  | 262563   | 20.000  | ng    | -0.02    |
| 64) Phenanthrene-d10        | 17.334 | 188  | 600396   | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12            | 21.392 | 240  | 725749   | 20.000  | ng    | #-0.02   |
| 86) Perylene-d12            | 23.821 | 264  | 725971   | 20.000  | ng    | -0.03    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.534  | 112  | 993044   | 139.794 | ng    | 0.00     |
| 7) Phenol-d6                | 7.134  | 99   | 1108186  | 114.435 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.134  | 82   | 796077   | 108.701 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.075 | 330  | 669332   | 198.802 | ng    | -0.02    |
| 45) 2-Fluorobiphenyl        | 13.222 | 172  | 1769109  | 89.170  | ng    | -0.01    |
| 79) Terphenyl-d14           | 19.875 | 244  | 3241067  | 83.799  | ng    | -0.01    |
| Target Compounds            |        |      |          |         |       |          |
|                             |        |      |          |         |       | Qvalue   |
| 26) 2-Nitrophenol           | 9.916  | 139  | 35       | 4.166   | ng    | # 1      |
| 32) Benzoic acid            | 10.081 | 122  | 1584     | 5.426   | ng    | # 86     |
| 48) 2-Nitroaniline          | 13.669 | 65   | 53       | 4.499   | ng    | # 41     |
| 51) 2,6-Dinitrotoluene      | 14.175 | 165  | 30       | 5.064   | ng    | # 70     |
| 53) 3-Nitroaniline          | 14.475 | 138  | 6        | 3.654   | ng    | # 39     |
| 54) 2,4-Dinitrophenol       | 14.722 | 184  | 8        | 6.531   | ng    | # 1      |
| 56) 4-Nitrophenol           | 14.840 | 139  | 20       | 3.749   | ng    | 87       |
| 57) 2,4-Dinitrotoluene      | 14.957 | 165  | 95       | 4.276   | ng    | # 35     |
| 62) 4-Nitroaniline          | 15.628 | 138  | 44       | 3.639   | ng    | # 45     |
| 80) Butylbenzylphthalate    | 20.480 | 149  | 196      | 4.139   | ng    | 94       |
| -----                       |        |      |          |         |       |          |

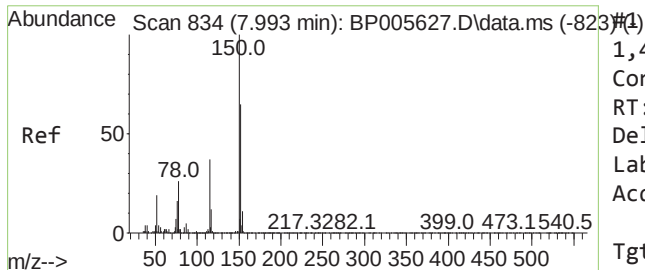
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP060721\  
Data File : BP005771.D  
Acq On : 08 Jun 2021 09:17  
Operator : CG/JU  
Sample : M2603-14  
Misc :  
ALS Vial : 35 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
FAM4-WC4

Quant Time: Jun 08 10:37:50 2021  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP052721.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Jun 07 12:13:53 2021  
Response via : Initial Calibration

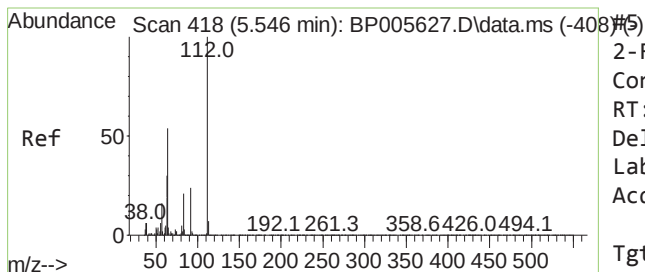
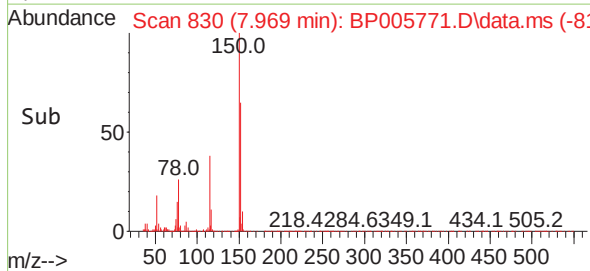
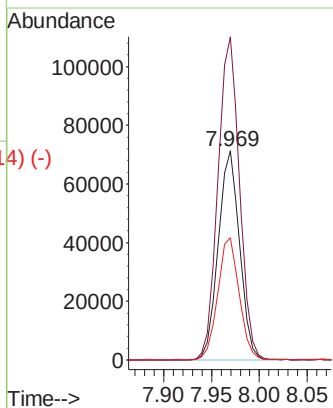
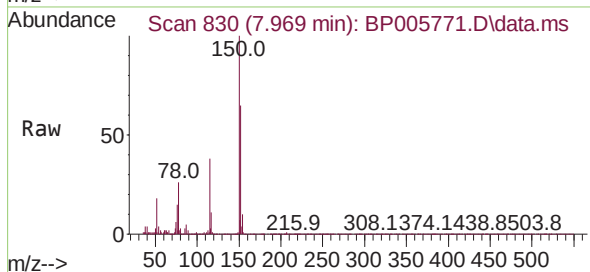




1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.969 min Scan# 830  
Delta R.T. -0.006 min  
Lab File: BP005771.D  
Acq: 08 Jun 2021 09:17

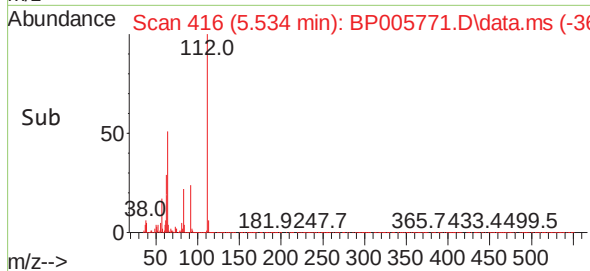
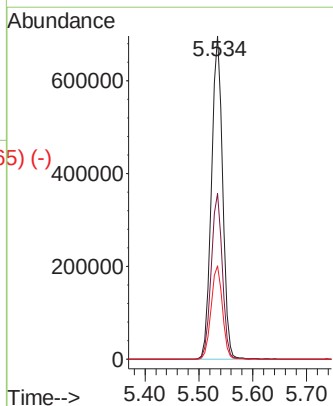
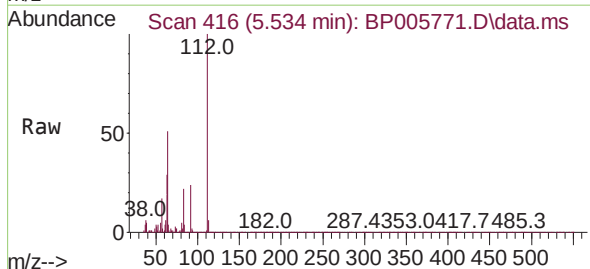
Instrument :  
BNA\_P  
ClientSampleId :  
FAM4-WC4

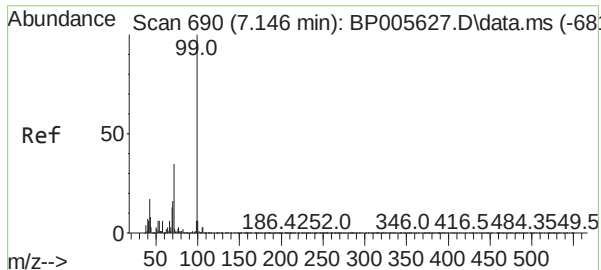
Tgt Ion:152 Resp: 110442  
Ion Ratio Lower Upper  
152 100  
150 154.4 119.8 179.8  
115 58.3 49.0 73.4



2-Fluorophenol  
Concen: 139.794 ng  
RT: 5.534 min Scan# 416  
Delta R.T. 0.000 min  
Lab File: BP005771.D  
Acq: 08 Jun 2021 09:17

Tgt Ion:112 Resp: 993044  
Ion Ratio Lower Upper  
112 100  
64 51.2 33.6 50.4#  
63 29.0 18.6 27.8#



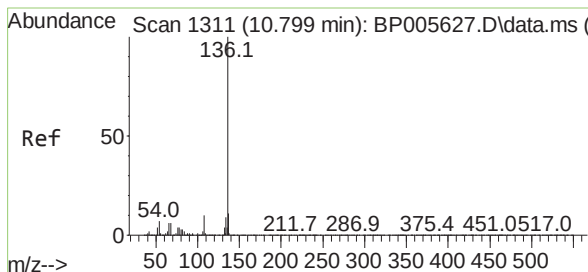
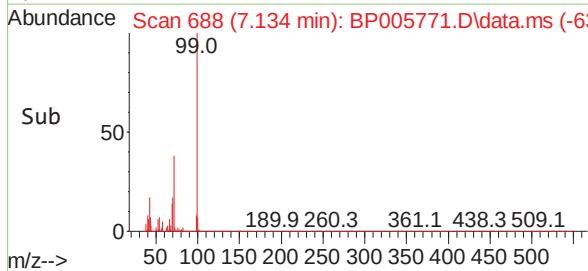
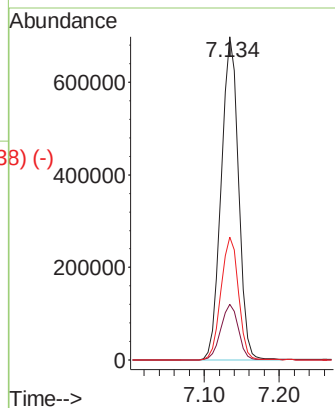
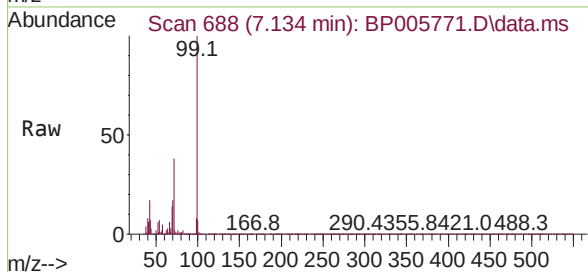


Phenol-d6  
 Concen: 114.435 ng  
 RT: 7.134 min Scan# 688  
 Delta R.T. -0.006 min  
 Lab File: BP005771.D  
 Acq: 08 Jun 2021 09:17

Instrument :  
 BNA\_P  
 ClientSampleId :  
 FAM4-WC4

Tgt Ion: 99 Resp: 1108186

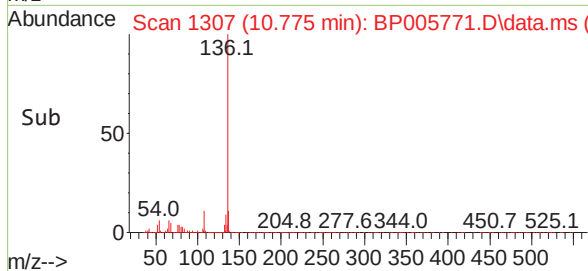
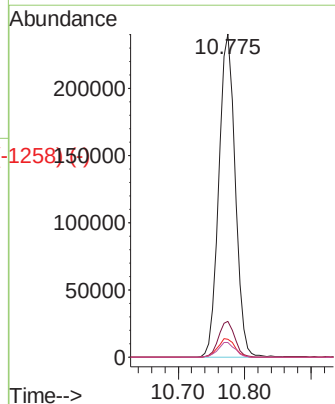
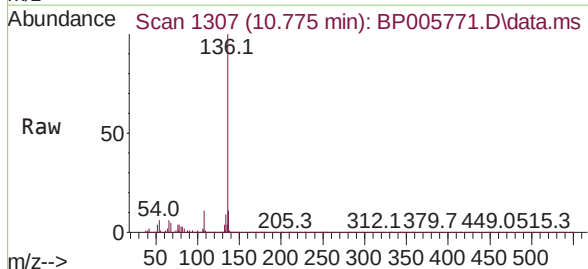
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 17.3  | 12.9  | 19.3  |
| 71  | 38.1  | 26.7  | 40.1  |



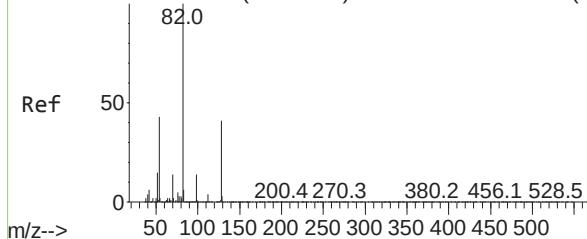
Naphthalene-d8  
 Concen: 20.000 ng  
 RT: 10.775 min Scan# 1307  
 Delta R.T. -0.012 min  
 Lab File: BP005771.D  
 Acq: 08 Jun 2021 09:17

Tgt Ion: 136 Resp: 407288

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.1  | 8.9   | 13.3  |
| 54  | 5.6   | 5.0   | 7.4   |
| 68  | 4.6   | 3.7   | 5.5   |



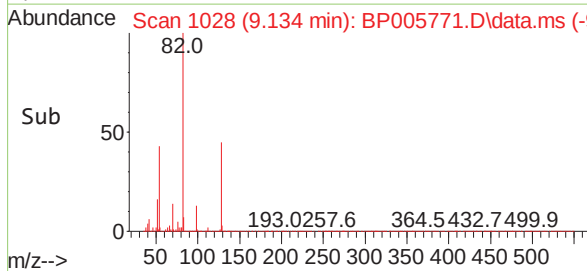
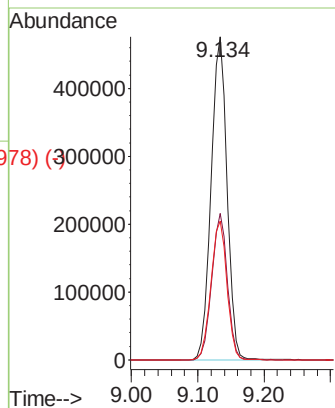
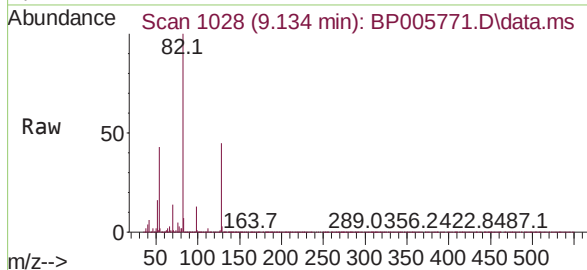
Abundance Scan 1031 (9.152 min): BP005627.D\data.ms (-1023-)



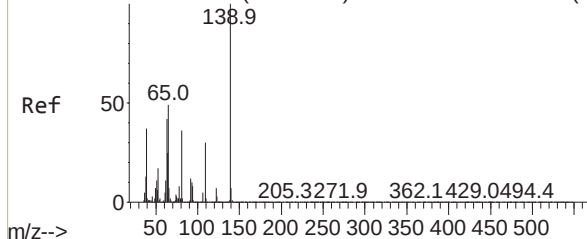
Nitrobenzene-d5  
Concen: 108.701 ng  
RT: 9.134 min Scan# 1028  
Delta R.T. -0.006 min  
Lab File: BP005771.D  
Acq: 08 Jun 2021 09:17

Instrument :  
BNA\_P  
ClientSampleId :  
FAM4-WC4

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 82    | Resp: | 796077 |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 128      | 45.4  | 30.5  | 45.7   |
| 54       | 43.0  | 33.9  | 50.9   |

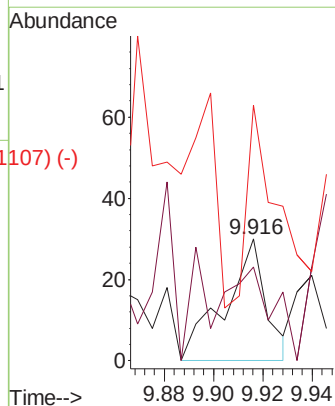
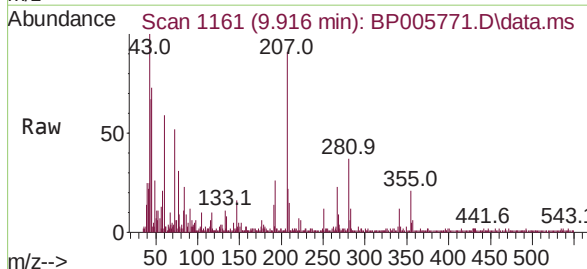


Abundance Scan 1160 (9.911 min): BP005627.D\data.ms (-1140-)

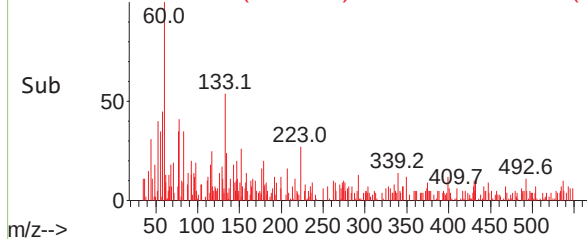


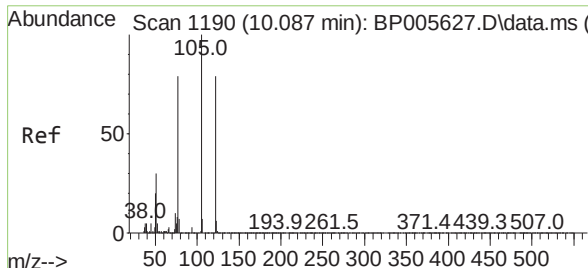
2-Nitrophenol  
Concen: 4.166 ng  
RT: 9.916 min Scan# 1161  
Delta R.T. 0.018 min  
Lab File: BP005771.D  
Acq: 08 Jun 2021 09:17

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 139   | Resp: | 35    |
| Ion      | Ratio | Lower | Upper |
| 139      | 100   |       |       |
| 109      | 76.7  | 40.7  | 61.1# |
| 65       | 210.0 | 47.8  | 71.6# |



Abundance Scan 1161 (9.916 min): BP005771.D\data.ms (-1107) (-)

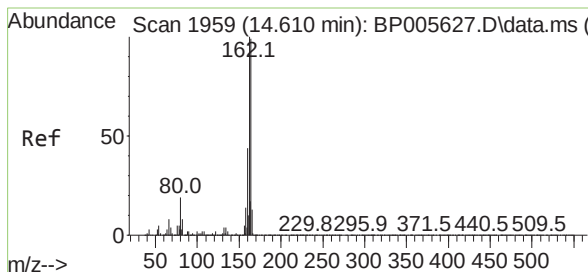
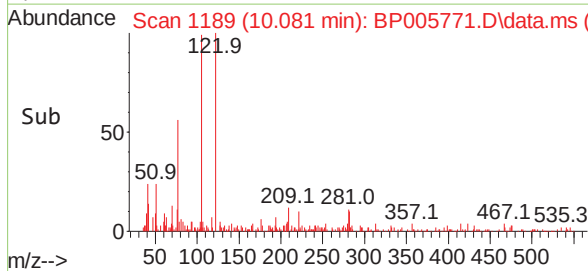
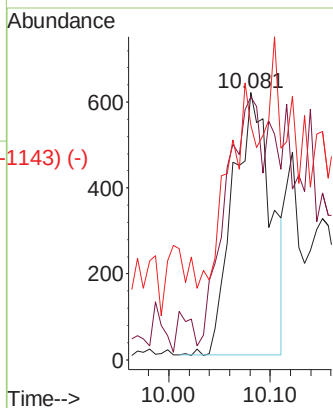
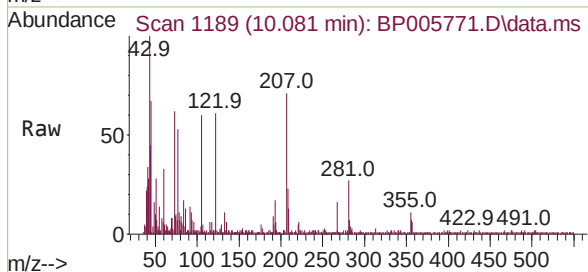




Benzoic acid  
 Concen: 5.426 ng  
 RT: 10.081 min Scan# 1189  
 Delta R.T. -0.029 min  
 Lab File: BP005771.D  
 Acq: 08 Jun 2021 09:17

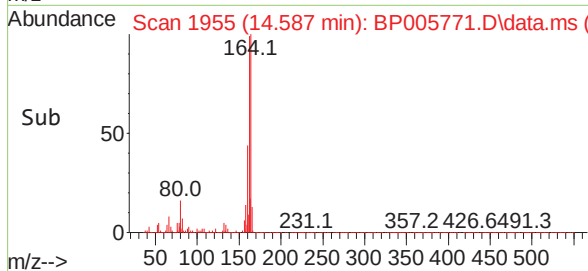
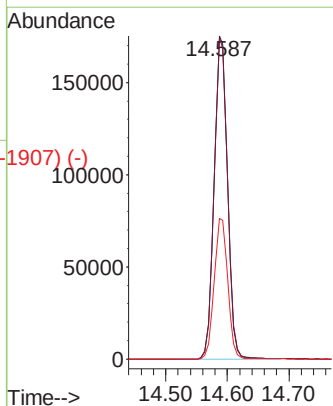
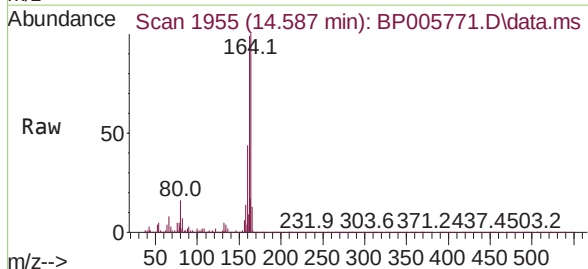
Instrument :  
 BNA\_P  
 ClientSampleId :  
 FAM4-WC4

Tgt Ion:122 Resp: 1584  
 Ion Ratio Lower Upper  
 122 100  
 105 98.4 105.1 145.1#  
 77 87.8 69.6 109.6

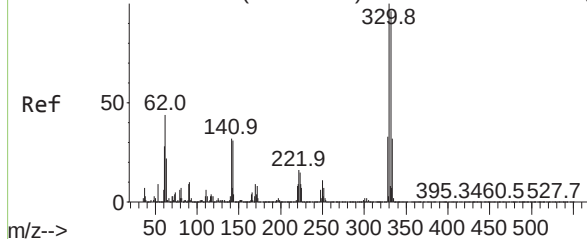


Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.587 min Scan# 1955  
 Delta R.T. -0.018 min  
 Lab File: BP005771.D  
 Acq: 08 Jun 2021 09:17

Tgt Ion:164 Resp: 262563  
 Ion Ratio Lower Upper  
 164 100  
 162 99.3 73.5 110.3  
 160 43.6 40.6 61.0



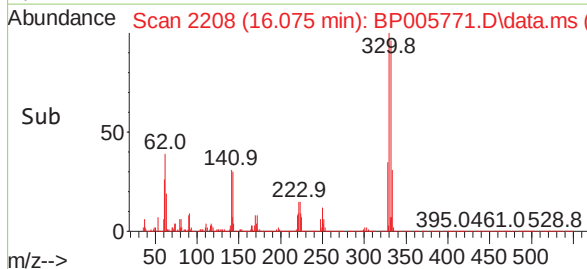
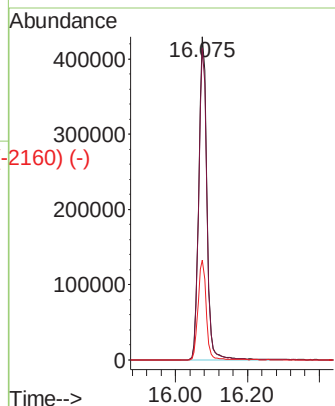
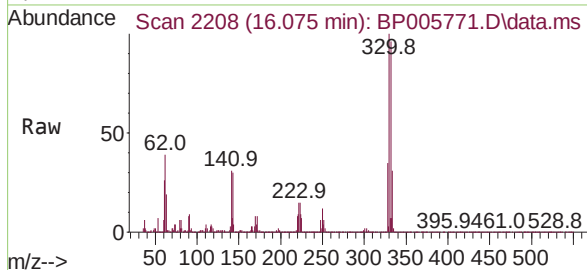
Abundance Scan 2211 (16.093 min): BP005627.D\data.ms (-2160) (-)



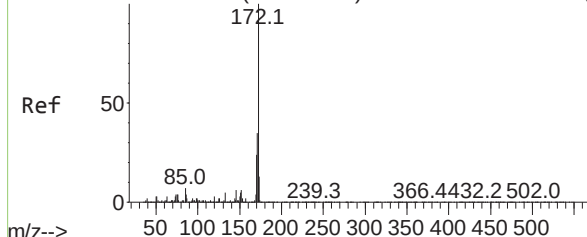
2,4,6-Tribromophenol  
Concen: 198.802 ng  
RT: 16.075 min Scan# 2208  
Delta R.T. -0.018 min  
Lab File: BP005771.D  
Acq: 08 Jun 2021 09:17

Instrument :  
BNA\_P  
ClientSampleId :  
FAM4-WC4

Tgt Ion:330 Resp: 669332  
Ion Ratio Lower Upper  
330 100  
332 96.0 76.3 114.5  
141 31.0 22.8 34.2

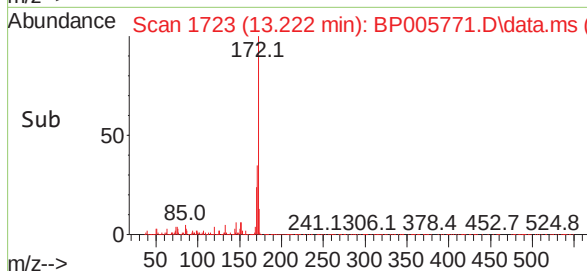
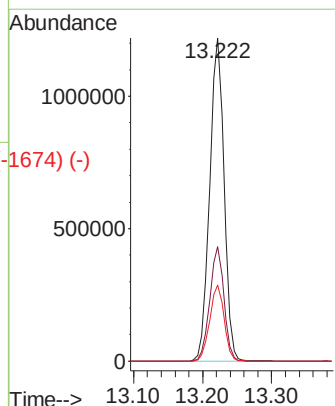
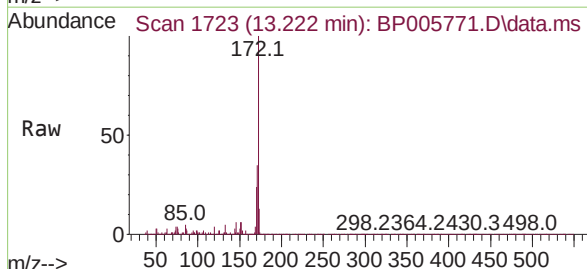


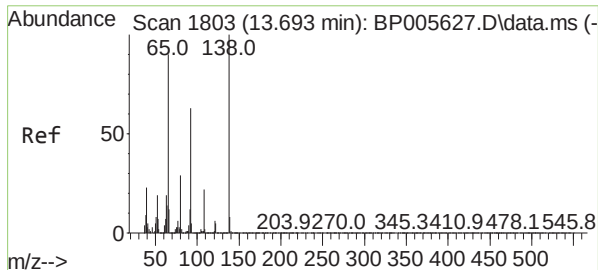
Abundance Scan 1726 (13.240 min): BP005627.D\data.ms (-1718) (-)



2-Fluorobiphenyl  
Concen: 89.170 ng  
RT: 13.222 min Scan# 1723  
Delta R.T. -0.012 min  
Lab File: BP005771.D  
Acq: 08 Jun 2021 09:17

Tgt Ion:172 Resp: 1769109  
Ion Ratio Lower Upper  
172 100  
171 35.5 28.1 42.1  
170 23.6 19.6 29.4

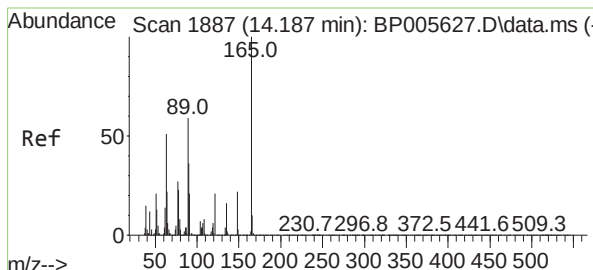
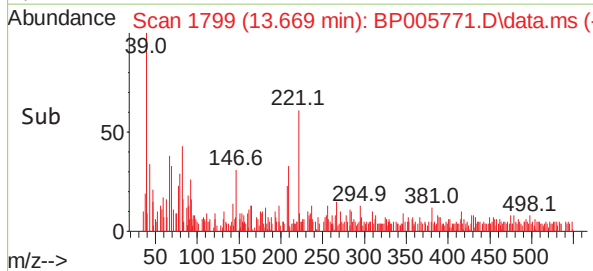
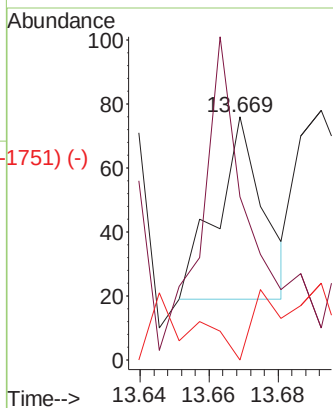
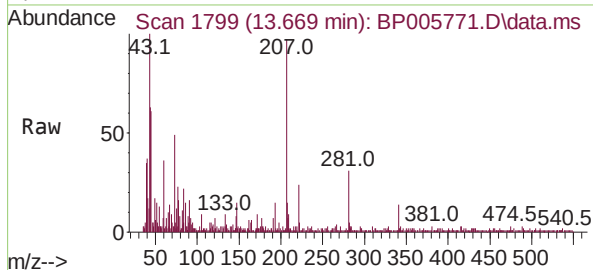




2-Nitroaniline  
Concen: 4.499 ng  
RT: 13.669 min Scan# 1799  
Delta R.T. -0.018 min  
Lab File: BP005771.D  
Acq: 08 Jun 2021 09:17

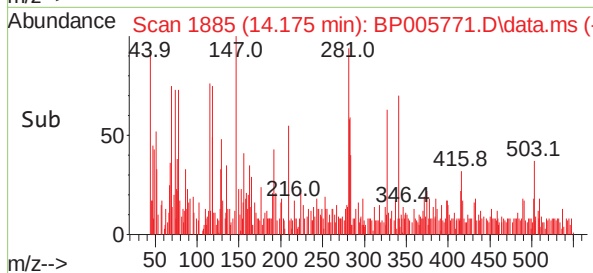
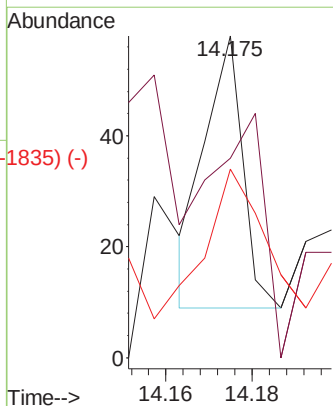
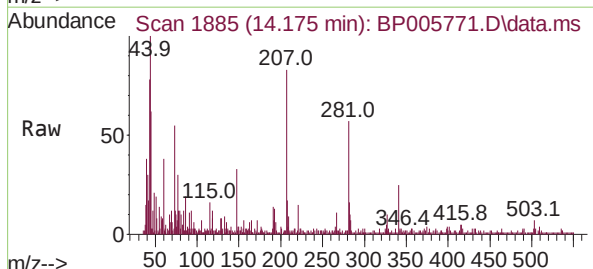
Instrument :  
BNA\_P  
ClientSampleId :  
FAM4-WC4

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 65    | Resp: | 53     |
| Ion      | Ratio | Lower | Upper  |
| 65       | 100   |       |        |
| 92       | 67.1  | 48.8  | 73.2   |
| 138      | 0.0   | 69.5  | 104.3# |



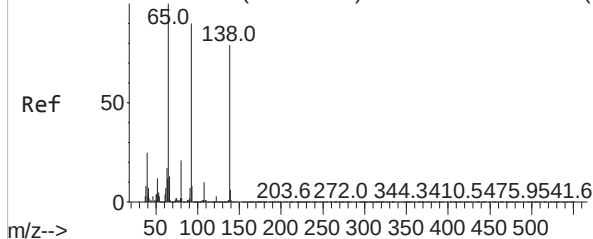
2,6-Dinitrotoluene  
Concen: 5.064 ng  
RT: 14.175 min Scan# 1885  
Delta R.T. -0.006 min  
Lab File: BP005771.D  
Acq: 08 Jun 2021 09:17

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 165   | Resp: | 30     |
| Ion      | Ratio | Lower | Upper  |
| 165      | 100   |       |        |
| 63       | 62.1  | 67.4  | 101.0# |
| 89       | 58.6  | 73.8  | 110.6# |





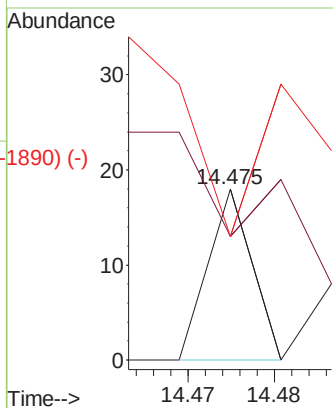
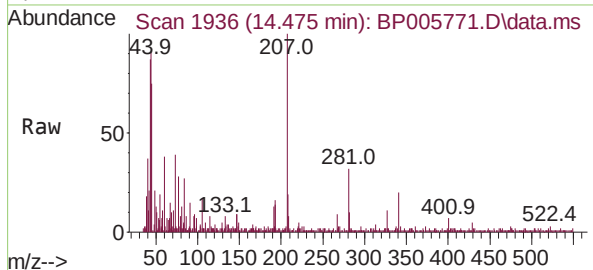
Abundance Scan 1942 (14.510 min): BP005627.D\data.ms (-1953) (-)



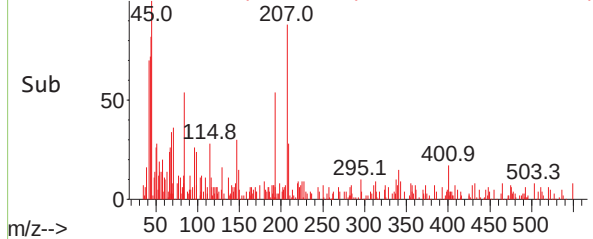
3-Nitroaniline  
Concen: 3.654 ng  
RT: 14.475 min Scan# 1936  
Delta R.T. -0.029 min  
Lab File: BP005771.D  
Acq: 08 Jun 2021 09:17

Instrument :  
BNA\_P  
ClientSampleId :  
FAM4-WC4

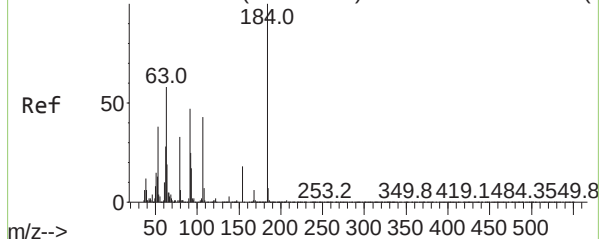
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 138   | Resp: | 6      |
| Ion      | Ratio | Lower | Upper  |
| 138      | 100   |       |        |
| 108      | 72.2  | 10.2  | 15.4#  |
| 92       | 72.2  | 108.1 | 162.1# |



Abundance Scan 1936 (14.475 min): BP005771.D\data.ms (-1890) (-)

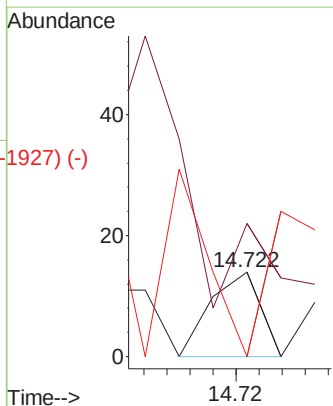
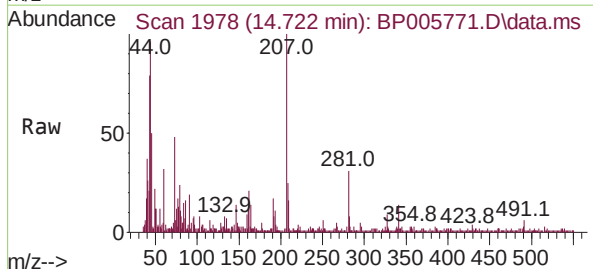


Abundance Scan 1976 (14.710 min): BP005627.D\data.ms (-1956) (-)

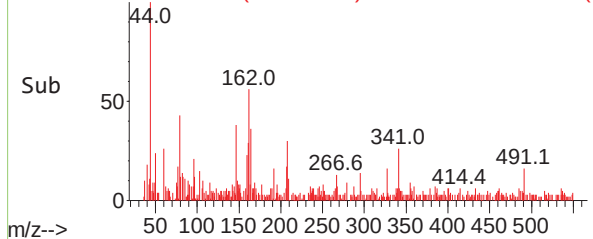


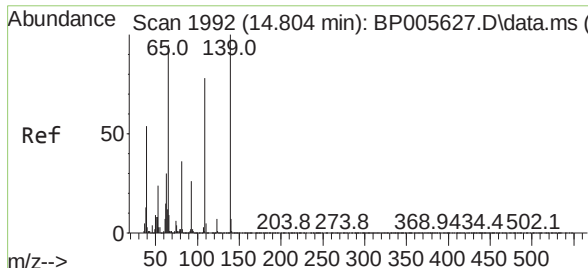
2,4-Dinitrophenol  
Concen: 6.531 ng  
RT: 14.722 min Scan# 1978  
Delta R.T. 0.000 min  
Lab File: BP005771.D  
Acq: 08 Jun 2021 09:17

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 184   | Resp: | 8     |
| Ion      | Ratio | Lower | Upper |
| 184      | 100   |       |       |
| 63       | 157.1 | 51.2  | 76.8# |
| 154      | 0.0   | 55.8  | 83.8# |



Abundance Scan 1978 (14.722 min): BP005771.D\data.ms (-1927) (-)

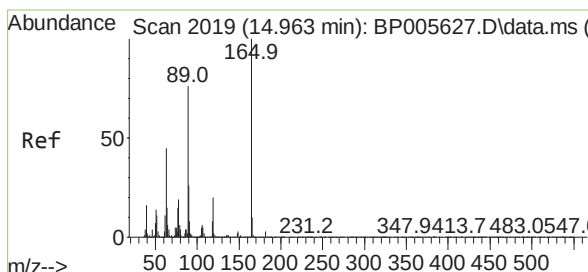
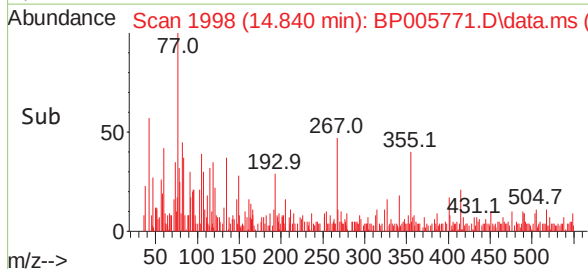
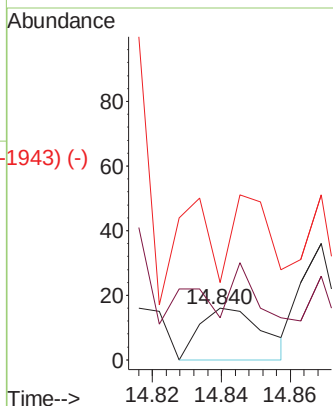
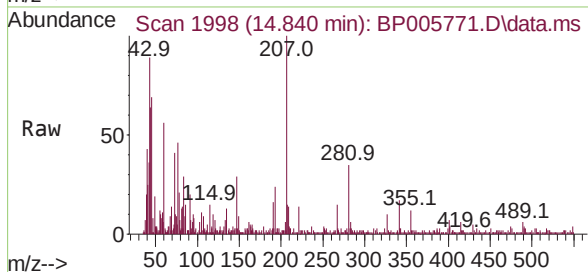




Scan 1992 (14.804 min): BP005627.D\data.ms (-1956) (-)  
 4-Nitrophenol  
 Concen: 3.749 ng  
 RT: 14.840 min Scan# 1998  
 Delta R.T. 0.024 min  
 Lab File: BP005771.D  
 Acq: 08 Jun 2021 09:17

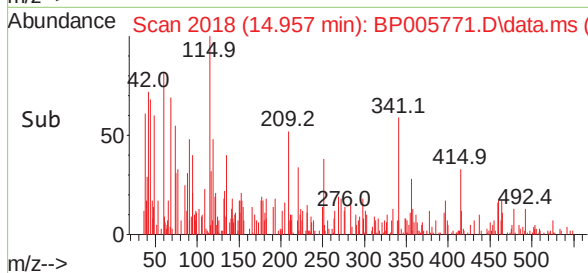
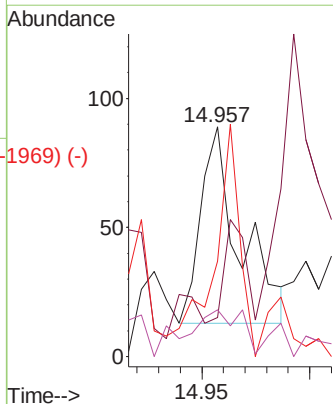
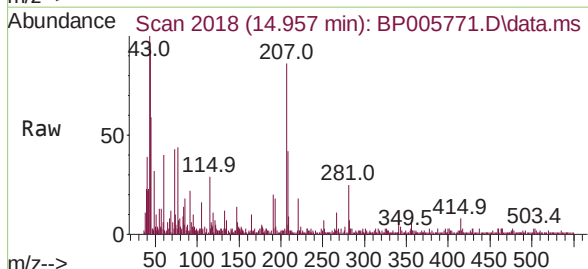
Instrument :  
 BNA\_P  
 ClientSampleId :  
 FAM4-WC4

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 139   | Resp: | 20    |
| Ion      | Ratio | Lower | Upper |
| 139      | 100   |       |       |
| 109      | 131.3 | 122.8 | 162.8 |
| 65       | 150.0 | 110.0 | 150.0 |

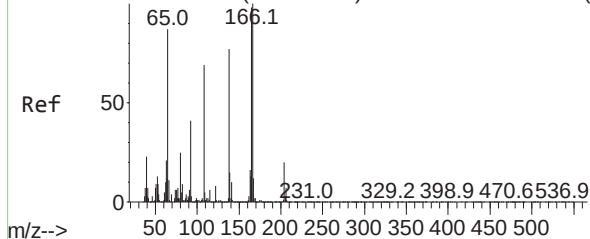


Scan 2019 (14.963 min): BP005627.D\data.ms (-2059) (-)  
 2,4-Dinitrotoluene  
 Concen: 4.276 ng  
 RT: 14.957 min Scan# 2018  
 Delta R.T. -0.012 min  
 Lab File: BP005771.D  
 Acq: 08 Jun 2021 09:17

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 165   | Resp: | 95     |
| Ion      | Ratio | Lower | Upper  |
| 165      | 100   |       |        |
| 63       | 16.9  | 56.7  | 85.1#  |
| 89       | 41.6  | 85.8  | 128.6# |
| 182      | 44.9  | 3.0   | 4.6#   |



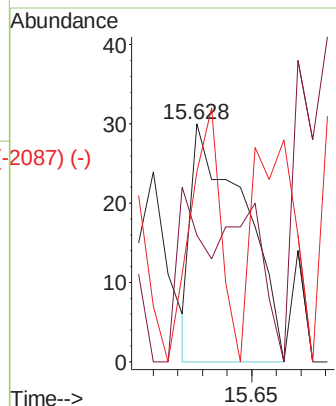
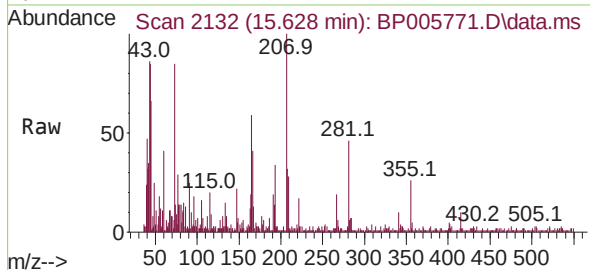
Abundance Scan 2139 (15.669 min): BP005627.D\data.ms (-2139) (-)



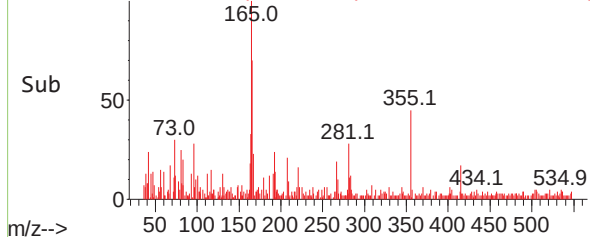
4-Nitroaniline  
Concen: 3.639 ng  
RT: 15.628 min Scan# 2132  
Delta R.T. -0.035 min  
Lab File: BP005771.D  
Acq: 08 Jun 2021 09:17

Instrument :  
BNA\_P  
ClientSampleId :  
FAM4-WC4

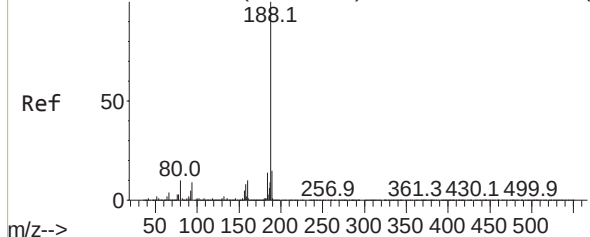
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 138   | Resp: | 44     |
| Ion      | Ratio | Lower | Upper  |
| 138      | 100   |       |        |
| 92       | 53.3  | 50.9  | 90.9   |
| 108      | 80.0  | 154.7 | 194.7# |



Abundance Scan 2132 (15.628 min): BP005771.D\data.ms (-2087) (-)

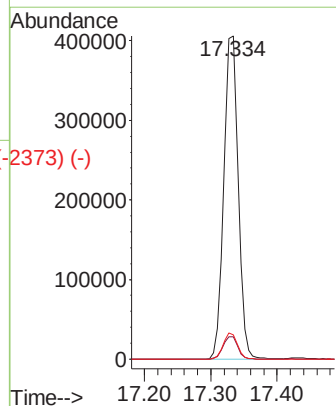
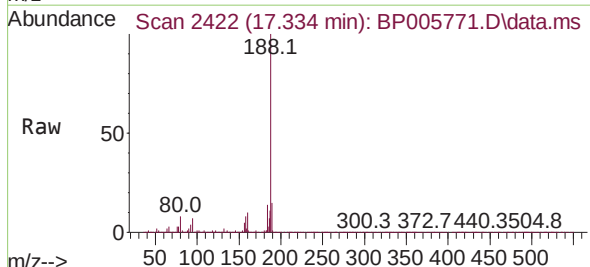


Abundance Scan 2425 (17.351 min): BP005627.D\data.ms (-2425) (-)

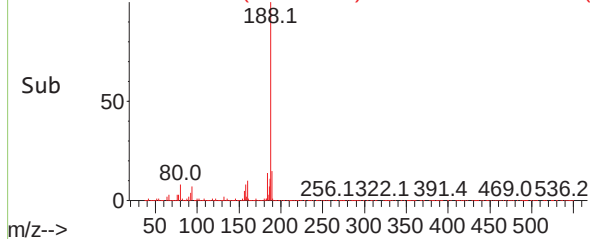


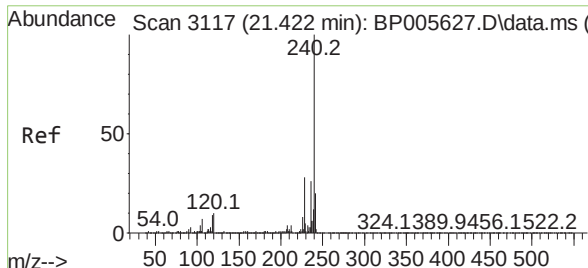
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.334 min Scan# 2422  
Delta R.T. -0.012 min  
Lab File: BP005771.D  
Acq: 08 Jun 2021 09:17

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 188   | Resp: | 600396 |
| Ion      | Ratio | Lower | Upper  |
| 188      | 100   |       |        |
| 94       | 7.0   | 5.0   | 7.6    |
| 80       | 7.6   | 5.9   | 8.9    |



Abundance Scan 2422 (17.334 min): BP005771.D\data.ms (-2373) (-)

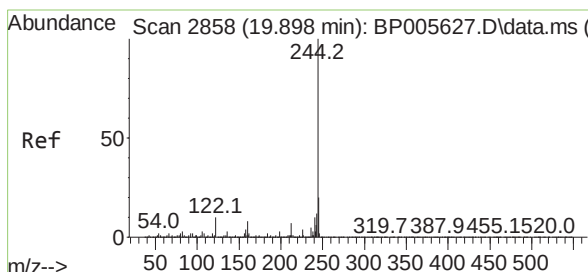
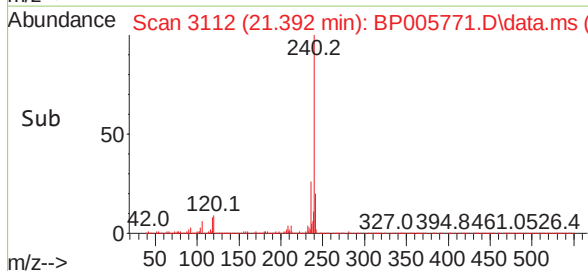
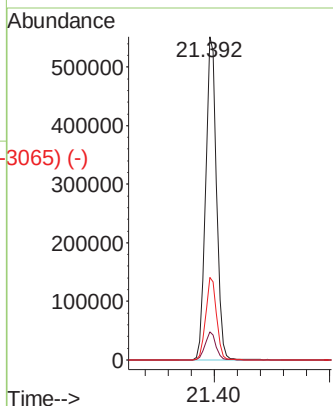
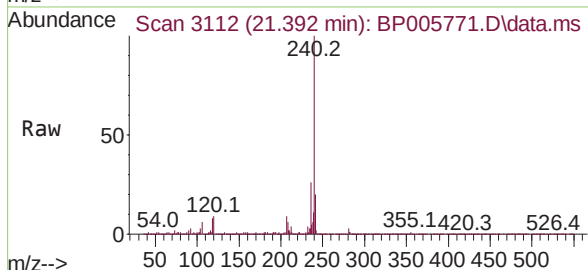




Chrysene-d12  
 Concen: 20.000 ng  
 RT: 21.392 min Scan# 3112  
 Delta R.T. -0.023 min  
 Lab File: BP005771.D  
 Acq: 08 Jun 2021 09:17

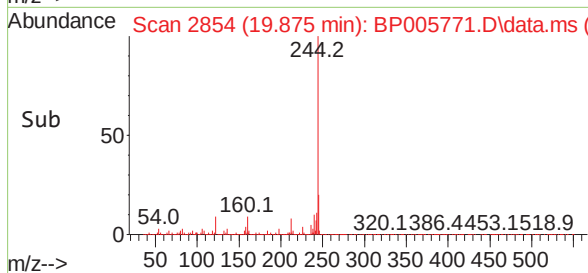
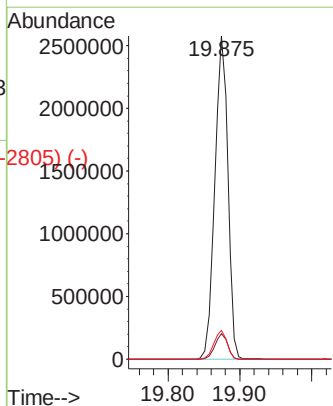
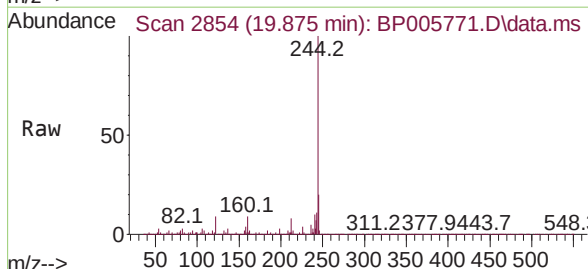
Instrument :  
 BNA\_P  
 ClientSampleId :  
 FAM4-WC4

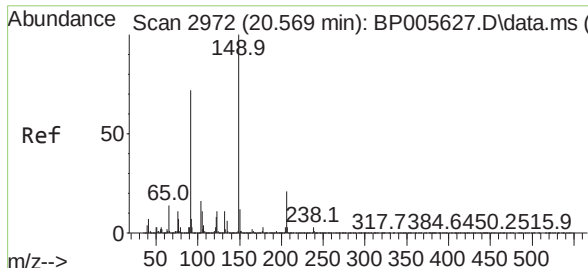
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 240   | Resp: | 725749 |
| Ion      | Ratio | Lower | Upper  |
| 240      | 100   |       |        |
| 120      | 8.7   | 4.2   | 6.2#   |
| 236      | 25.5  | 20.2  | 30.2   |



Terphenyl-d14  
 Concen: 83.799 ng  
 RT: 19.875 min Scan# 2854  
 Delta R.T. -0.012 min  
 Lab File: BP005771.D  
 Acq: 08 Jun 2021 09:17

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 244   | Resp: | 3241067 |
| Ion      | Ratio | Lower | Upper   |
| 244      | 100   |       |         |
| 212      | 7.9   | 5.8   | 8.6     |
| 122      | 8.8   | 5.2   | 7.8#    |

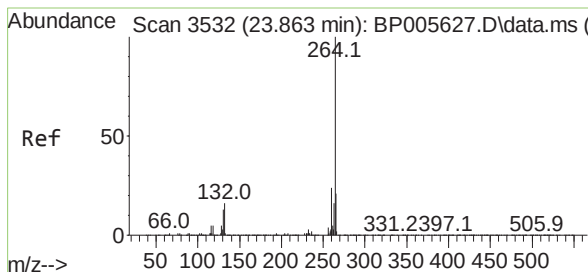
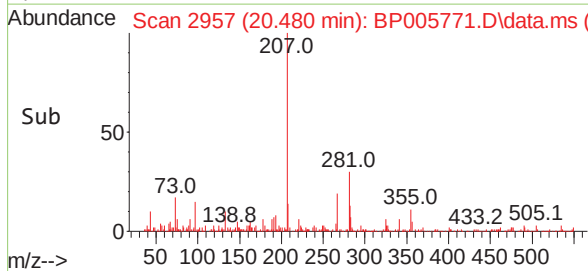
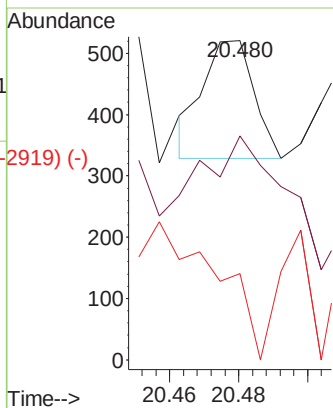
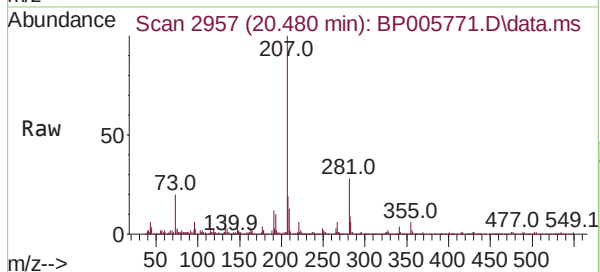




#80 (-)  
Butylbenzylphthalate  
Concen: 4.139 ng  
RT: 20.480 min Scan# 2957  
Delta R.T. -0.076 min  
Lab File: BP005771.D  
Acq: 08 Jun 2021 09:17

Instrument :  
BNA\_P  
ClientSampleId :  
FAM4-WC4

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 149   | Resp: | 196   |
| Ion      | Ratio | Lower | Upper |
| 149      | 100   |       |       |
| 91       | 70.1  | 60.2  | 90.4  |
| 206      | 27.1  | 23.9  | 35.9  |



#85 (-)  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.821 min Scan# 3525  
Delta R.T. -0.029 min  
Lab File: BP005771.D  
Acq: 08 Jun 2021 09:17

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 264   | Resp: | 725971 |
| Ion      | Ratio | Lower | Upper  |
| 264      | 100   |       |        |
| 260      | 23.3  | 20.6  | 30.8   |
| 265      | 21.8  | 19.0  | 28.6   |

