

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070820\  
 Data File : BP002671.D  
 Acq On : 08 Jul 2020 12:54  
 Operator : CG/JU  
 Sample : L3217-09  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 E3-41-NHL

Quant Time: Jul 08 13:49:03 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP062920.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 29 16:51:57 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.58  | 152  | 147280   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.34 | 136  | 694030   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.22 | 164  | 458384   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 16.98 | 188  | 1026240  | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.09 | 240  | 1228200  | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 23.29 | 264  | 1407109  | 20.00 | ng    | 0.00     |

|                             |       |     |        |       |    |      |
|-----------------------------|-------|-----|--------|-------|----|------|
| System Monitoring Compounds |       |     |        |       |    |      |
| 5) 2-Fluorophenol           | 5.22  | 112 | 22059  | 2.54  | ng | 0.03 |
| 7) Phenol-d6                | 6.96  | 99  | 266554 | 21.95 | ng | 0.19 |
| 23) Nitrobenzene-d5         | 8.72  | 82  | 147053 | 10.92 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol    | 15.72 | 330 | 124285 | 22.29 | ng | 0.00 |
| 45) 2-Fluorobiphenyl        | 12.83 | 172 | 373372 | 11.99 | ng | 0.00 |
| 79) Terphenyl-d14           | 19.57 | 244 | 721669 | 12.68 | ng | 0.00 |

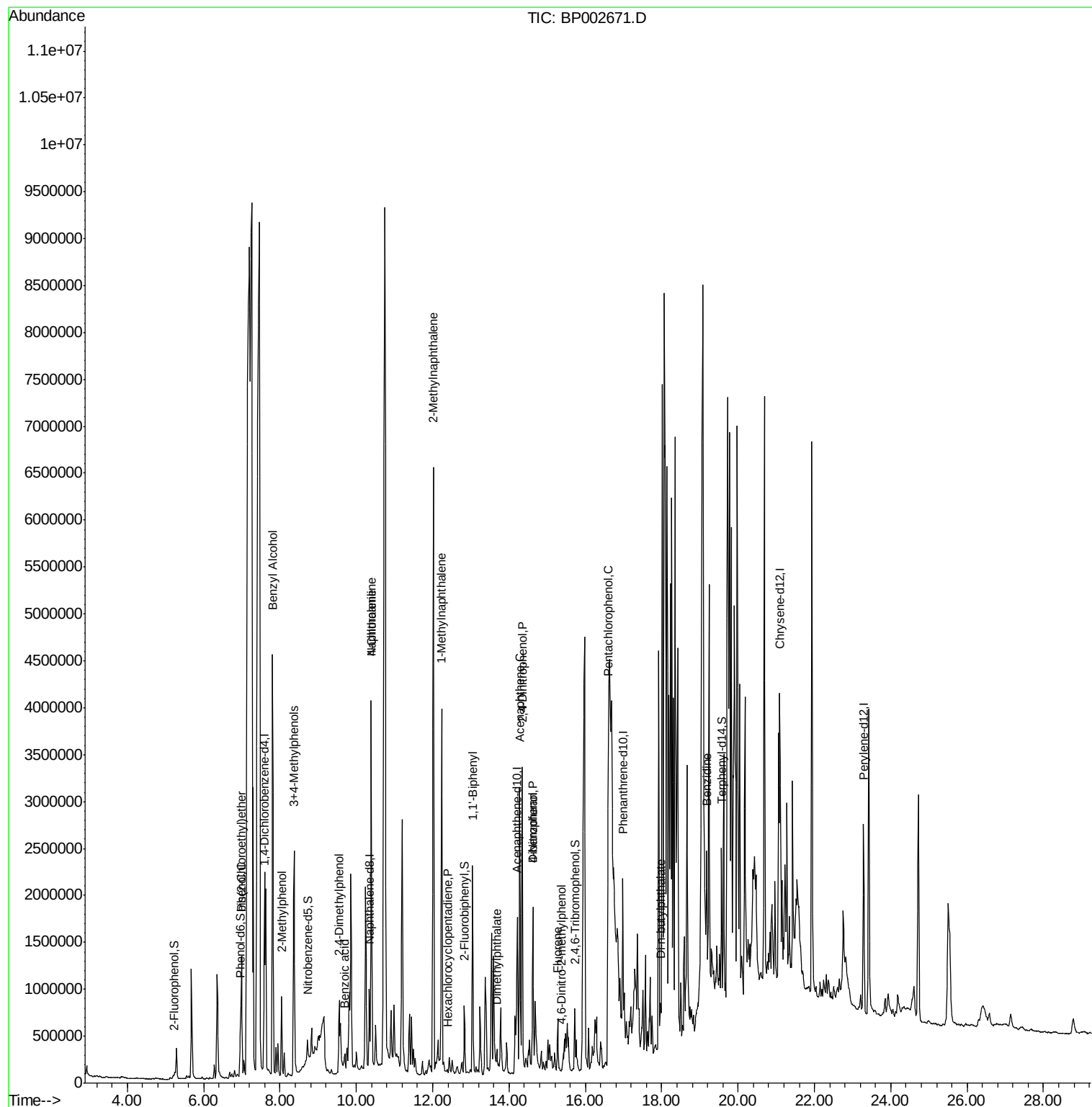
|                                |       |     |         |         |    |      |
|--------------------------------|-------|-----|---------|---------|----|------|
| Target Compounds               |       |     |         | Qvalue  |    |      |
| 10) Phenol                     | 6.99  | 94  | 1015072 | 82.905  | ng | 93   |
| 11) bis(2-Chloroethyl)ether    | 6.99  | 93  | 20769   | 2.067   | ng | # 1  |
| 15) Benzyl Alcohol             | 7.80  | 79  | 427123  | 46.818  | ng | # 59 |
| 17) 2-Methylphenol             | 8.04  | 107 | 263246  | 28.725  | ng | 98   |
| 20) 3+4-Methylphenols          | 8.37  | 107 | 1162908 | 94.121  | ng | 94   |
| 27) 2,4-Dimethylphenol         | 9.55  | 122 | 253770  | 25.756  | ng | 97   |
| 31) Naphthalene                | 10.39 | 128 | 3180699 | 86.573  | ng | 99   |
| 32) Benzoic acid               | 9.69  | 122 | 73817   | 16.509  | ng | 94   |
| 33) 4-Chloroaniline            | 10.39 | 127 | 421416  | 26.223  | ng | # 32 |
| 37) 2-Methylnaphthalene        | 12.02 | 142 | 3376737 | 126.052 | ng | 98   |
| 38) 1-Methylnaphthalene        | 12.24 | 142 | 1937263 | 76.786  | ng | 99   |
| 41) Hexachlorocyclopentadiene  | 12.39 | 237 | 46      | 4.387   | ng | # 53 |
| 46) 1,1'-Biphenyl              | 13.05 | 154 | 1187739 | 34.255  | ng | 99   |
| 50) Dimethylphthalate          | 13.68 | 163 | 126501  | 3.514   | ng | 100  |
| 52) Acenaphthene               | 14.28 | 154 | 1074931 | 41.015  | ng | 98   |
| 54) 2,4-Dinitrophenol          | 14.35 | 184 | 3238    | 6.627   | ng | # 1  |
| 55) Dibenzofuran               | 14.62 | 168 | 1068274 | 25.153  | ng | 97   |
| 56) 4-Nitrophenol              | 14.62 | 139 | 367390  | 55.732  | ng | # 6  |
| 58) Fluorene                   | 15.27 | 166 | 213519  | 6.601   | ng | 98   |
| 65) 4,6-Dinitro-2-methylphenol | 15.37 | 198 | 95      | 2.723   | ng | # 1  |
| 70) Pentachlorophenol          | 16.60 | 266 | 216     | 2.691   | ng | 90   |
| 74) Di-n-butylphthalate        | 17.97 | 149 | 145356  | 2.324   | ng | # 88 |
| 77) Benzidine                  | 19.18 | 184 | 768     | 3.770   | ng | # 1  |

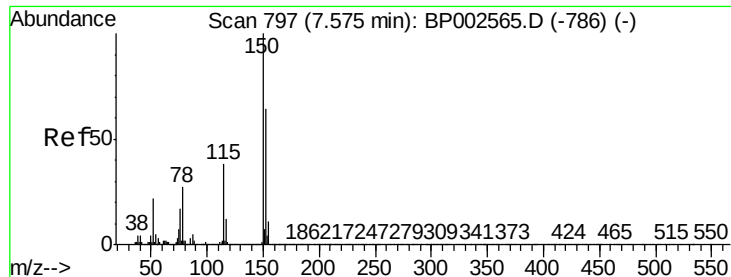
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP062920.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Jun 29 16:51:57 2020  
Response via : Initial Calibration



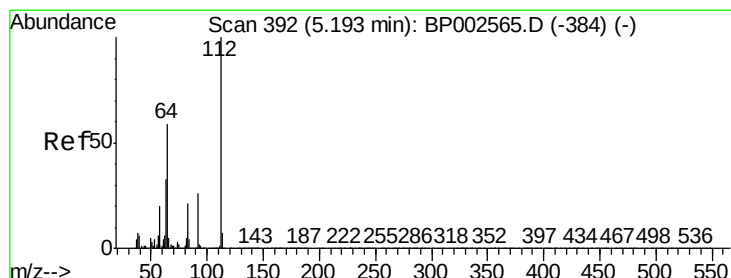
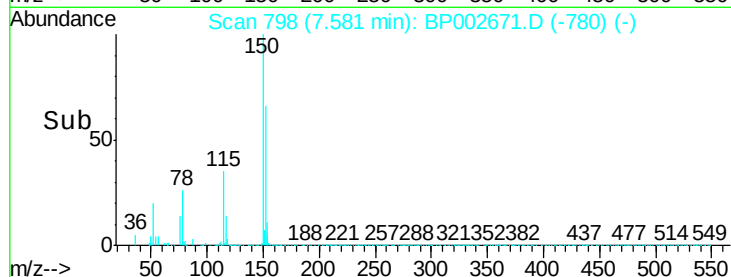
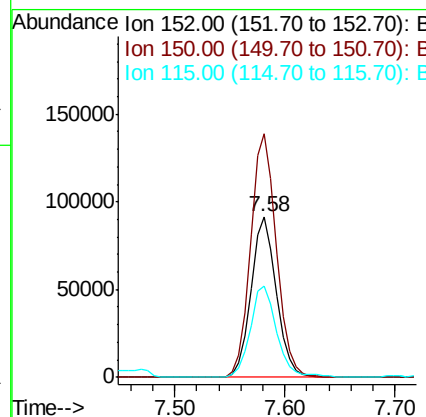
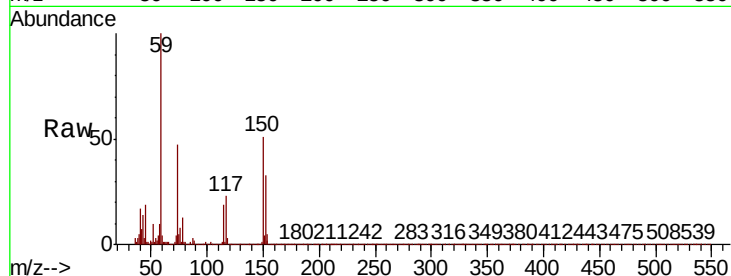


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.58 min Scan# 798  
Delta R.T. 0.01 min  
Lab File: BP002671.D  
Acq: 08 Jul 2020 12:54

Instrument :  
BNA\_P  
ClientSampleId :  
E3-41-NHL

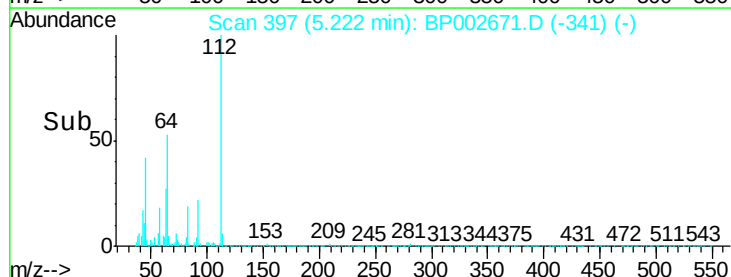
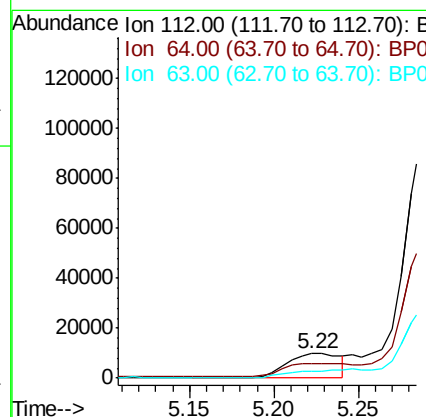
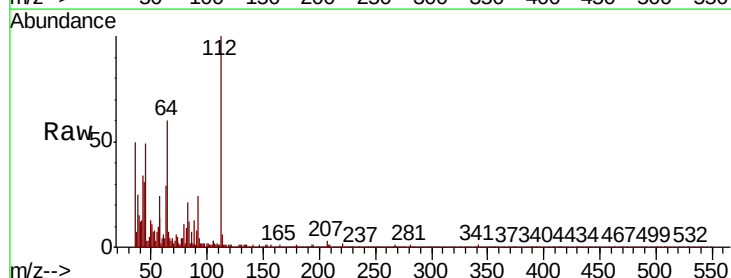
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 151.7 | 124.2 | 186.2 |
| 115     | 56.6  | 47.1  | 70.7  |

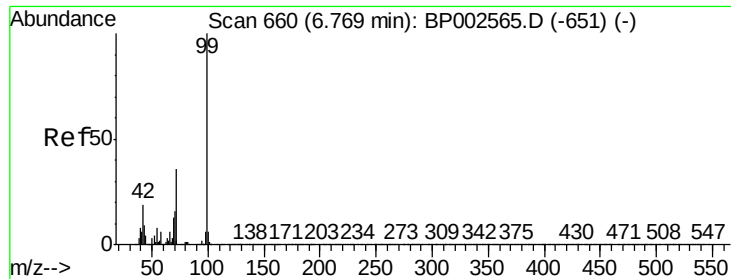


#5

2-Fluorophenol  
Concen: 2.536 ng  
RT: 5.22 min Scan# 397  
Delta R.T. 0.03 min  
Lab File: BP002671.D  
Acq: 08 Jul 2020 12:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 59.7  | 47.0  | 70.6  |
| 63      | 29.1  | 26.1  | 39.1  |





#7

Phenol-d6

Concen: 21.954 ng

RT: 6.96 min Scan# 692

Delta R.T. 0.19 min

Lab File: BP002671.D

Acq: 08 Jul 2020 12:54

Instrument :

BNA\_P

ClientSampleId :

E3-41-NHL

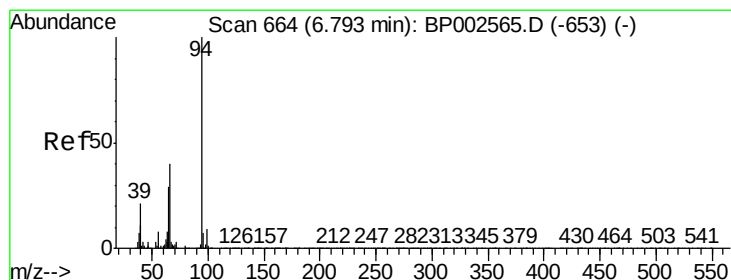
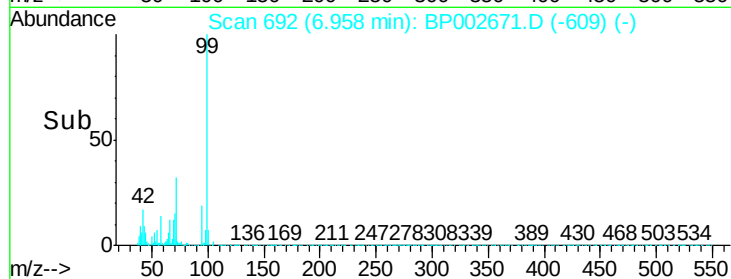
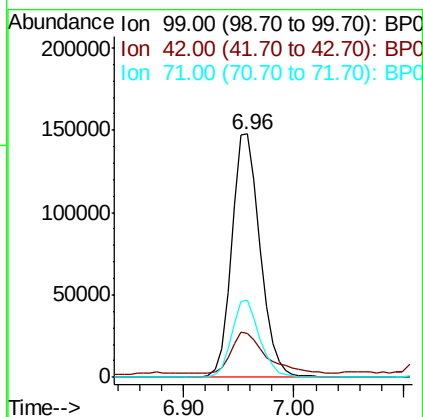
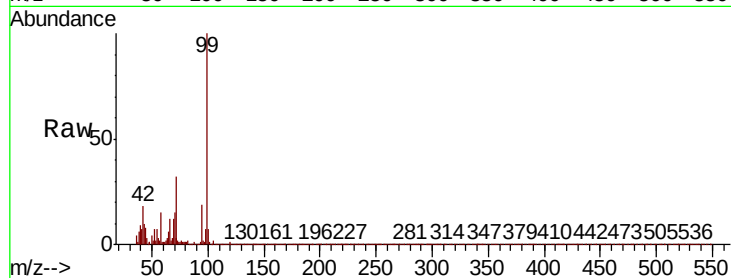
Tot Ion: 99 Resp: 266554

Ion Ratio Lower Upper

99 100

42 18.2 15.5 23.3

71 32.0 28.9 43.3



#10

Phenol

Concen: 82.905 ng

RT: 6.99 min Scan# 697

Delta R.T. 0.19 min

Lab File: BP002671.D

Acq: 08 Jul 2020 12:54

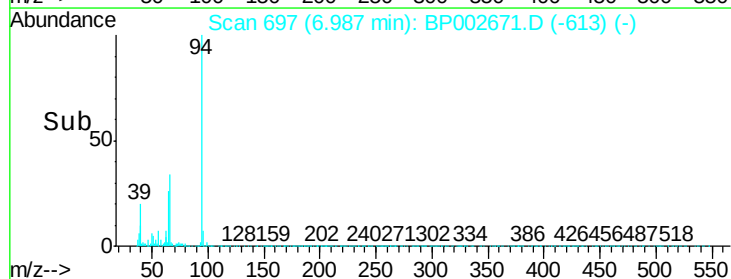
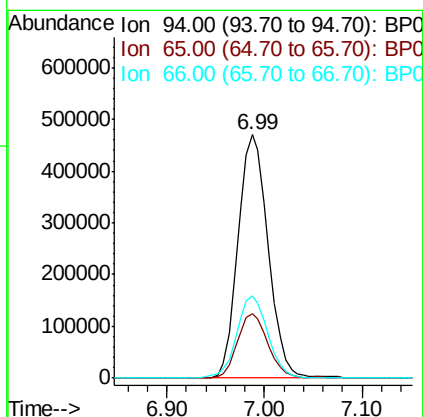
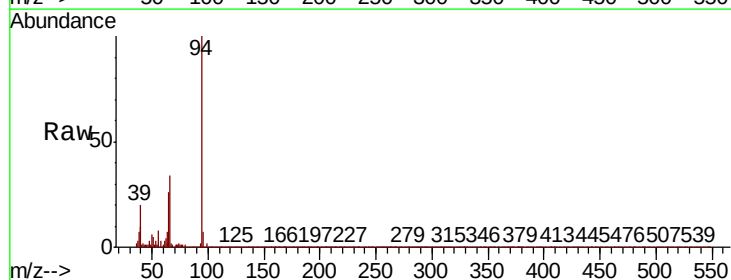
Tgt Ion: 94 Resp: 1015072

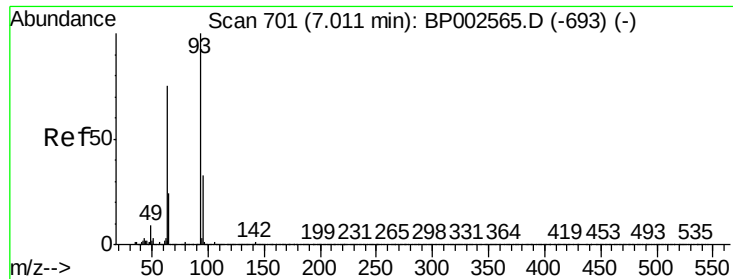
Ion Ratio Lower Upper

94 100

65 26.4 8.8 48.8

66 34.0 19.9 59.9

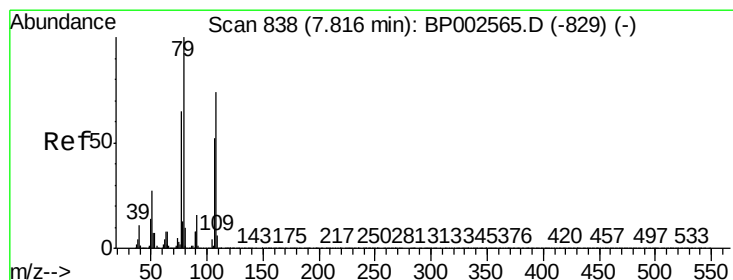
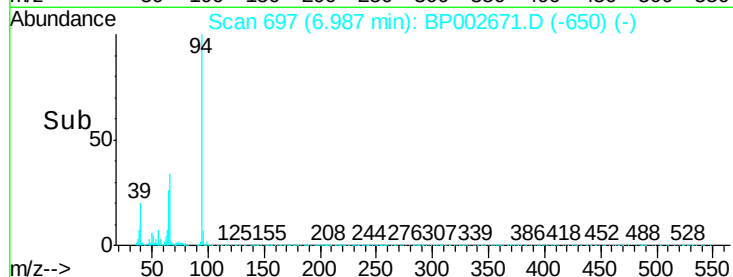
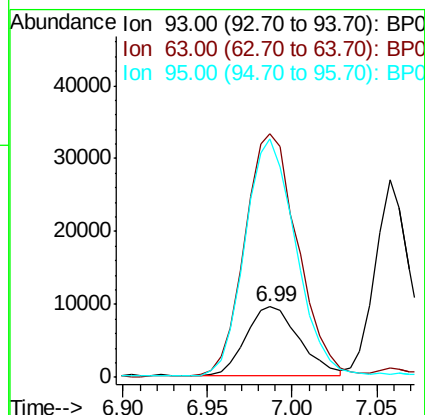
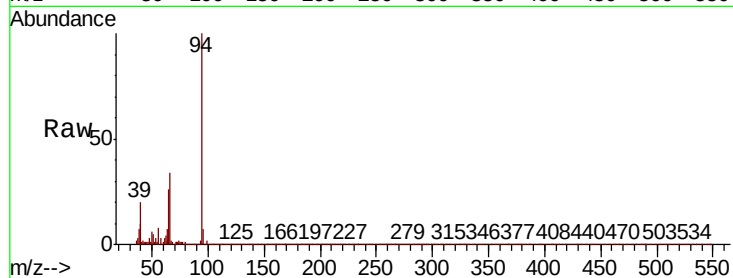




#11  
bis(2-Chloroethyl)ether  
Concen: 2.067 ng  
RT: 6.99 min Scan# 697  
Delta R.T. -0.02 min  
Lab File: BP002671.D  
Acq: 08 Jul 2020 12:54

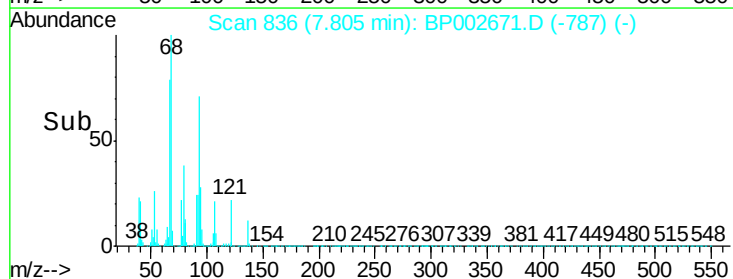
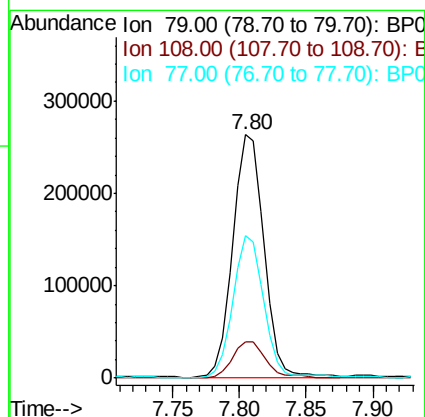
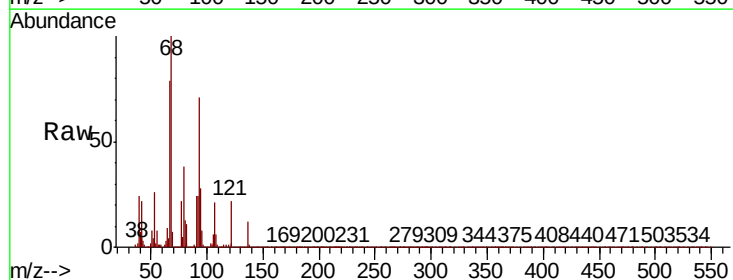
Instrument :  
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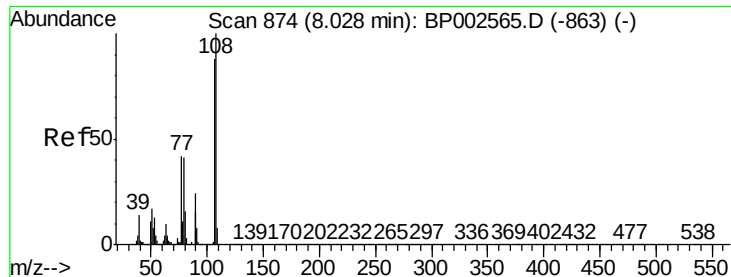
Tot Ion: 93 Resp: 20769  
Ion Ratio Lower Upper  
93 100  
63 346.6 54.5 94.5#  
95 340.0 13.1 53.1#



#15  
Benzyl Alcohol  
Concen: 46.818 ng  
RT: 7.80 min Scan# 836  
Delta R.T. -0.01 min  
Lab File: BP002671.D  
Acq: 08 Jul 2020 12:54

Tgt Ion: 79 Resp: 427123  
Ion Ratio Lower Upper  
79 100  
108 15.1 59.4 89.2#  
77 58.6 51.9 77.9

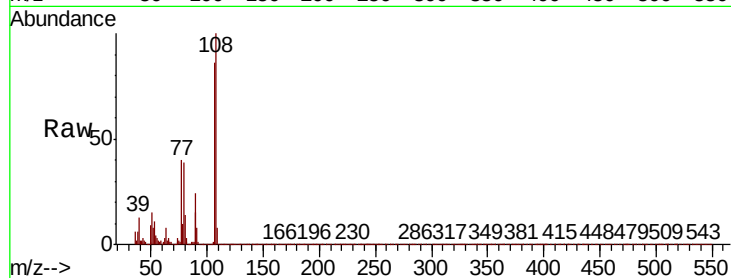




#17  
2-Methylphenol  
Concen: 28.725 ng  
RT: 8.04 min Scan# 876  
Delta R.T. 0.01 min  
Lab File: BP002671.D  
Acq: 08 Jul 2020 12:54

Instrument :  
BNA\_P  
ClientSampleId :  
E3-41-NHL

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 107   | Resp: | 263246 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 115.7 | 91.4  | 137.0  |
| 77       | 46.5  | 38.7  | 58.1   |
| 79       | 45.3  | 38.0  | 57.0   |



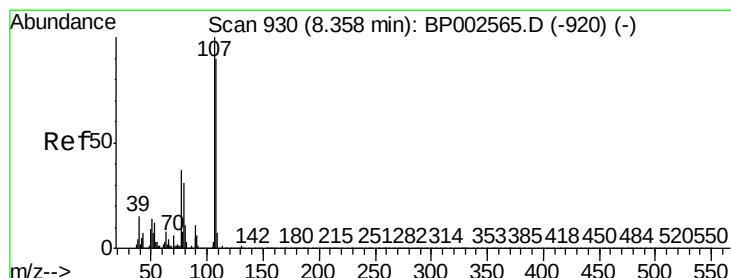
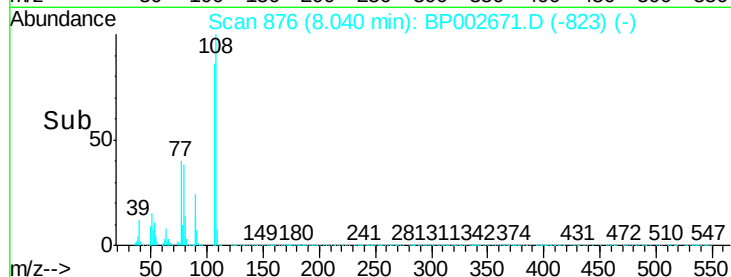
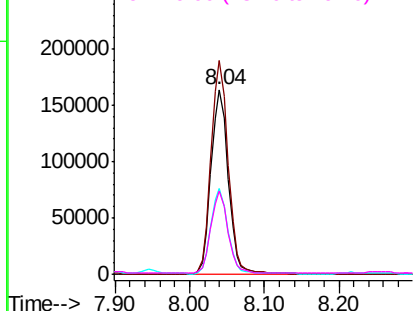
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

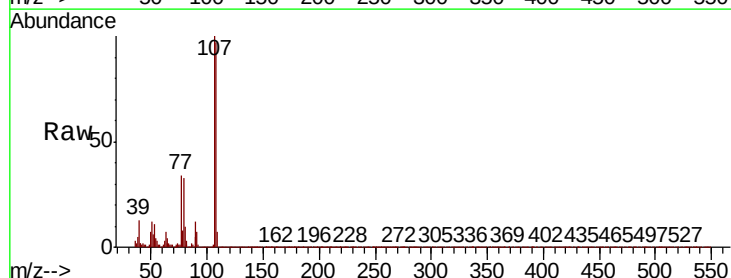
Ion 77.00 (76.70 to 77.70): BP0

Ion 79.00 (78.70 to 79.70): BP0



#20  
3+4-Methylphenols  
Concen: 94.121 ng  
RT: 8.37 min Scan# 932  
Delta R.T. 0.01 min  
Lab File: BP002671.D  
Acq: 08 Jul 2020 12:54

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 107   | Resp: | 1162908 |
| Ion      | Ratio | Lower | Upper   |
| 107      | 100   |       |         |
| 108      | 96.9  | 70.4  | 110.4   |
| 77       | 34.1  | 16.7  | 56.7    |
| 79       | 33.1  | 11.1  | 51.1    |



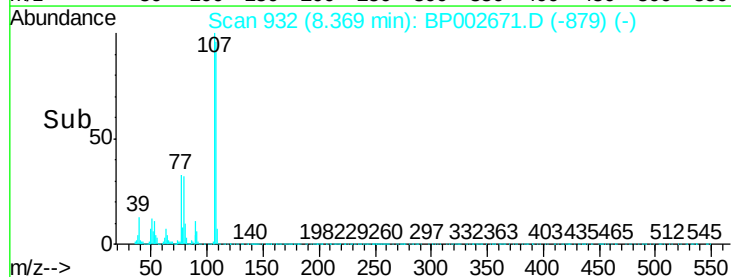
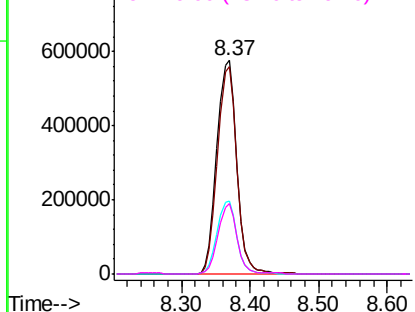
Abundance

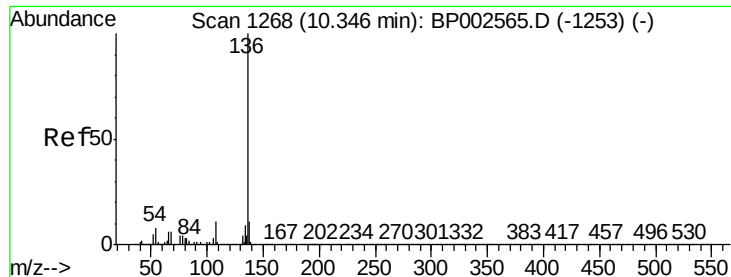
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BP0

Ion 79.00 (78.70 to 79.70): BP0

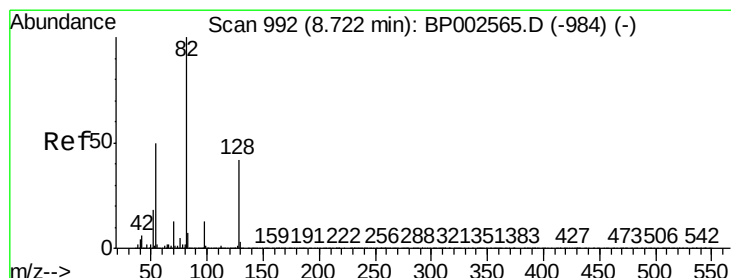
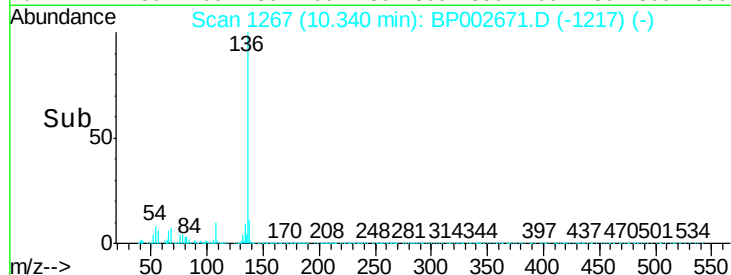
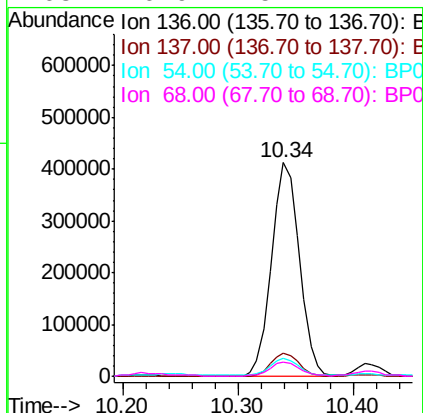
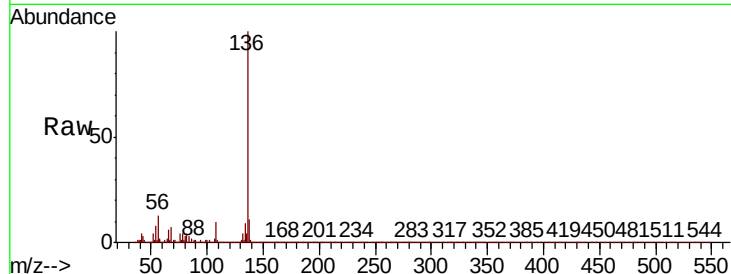




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.34 min Scan# 1267  
Delta R.T. -0.01 min  
Lab File: BP002671.D  
Acq: 08 Jul 2020 12:54

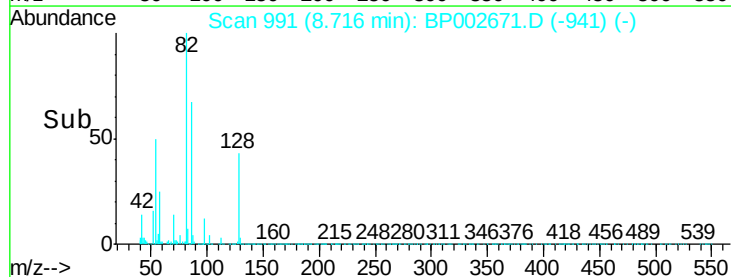
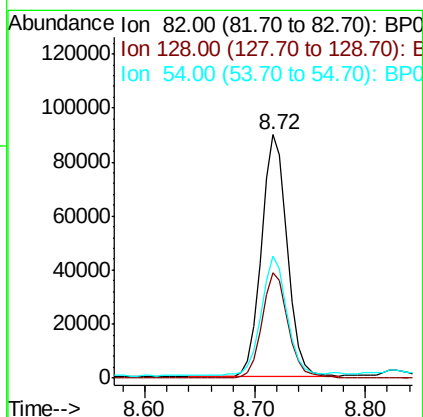
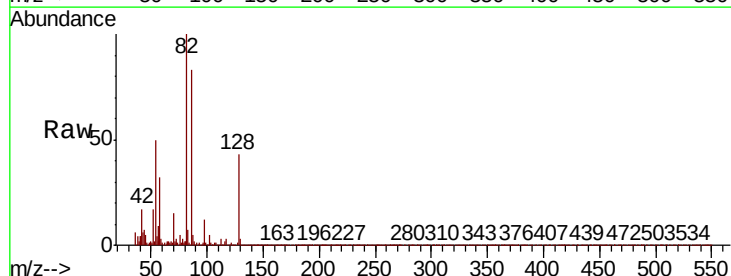
Instrument :  
BNA\_P  
ClientSampleId :  
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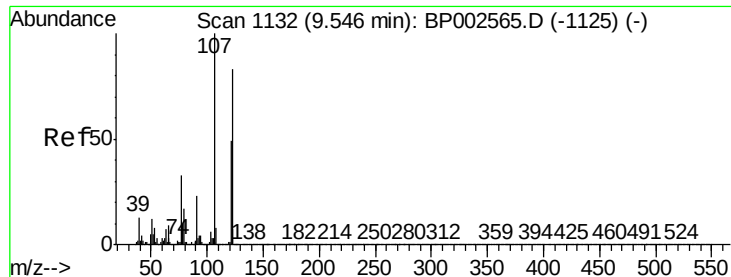
|             |       |        |  |
|-------------|-------|--------|--|
| Tot Ion:136 | Resp: | 694030 |  |
| Ion Ratio   | Lower | Upper  |  |
| 136 100     |       |        |  |
| 137 11.0    | 8.8   | 13.2   |  |
| 54 8.3      | 6.4   | 9.6    |  |
| 68 6.9      | 5.1   | 7.7    |  |



#23  
Nitrobenzene-d5  
Concen: 10.917 ng  
RT: 8.72 min Scan# 991  
Delta R.T. -0.01 min  
Lab File: BP002671.D  
Acq: 08 Jul 2020 12:54

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion: 82 | Resp: | 147053 |
| Ion | Ratio   | Lower | Upper  |
| 82  | 100     |       |        |
| 128 | 43.0    | 33.4  | 50.2   |
| 54  | 50.3    | 40.1  | 60.1   |

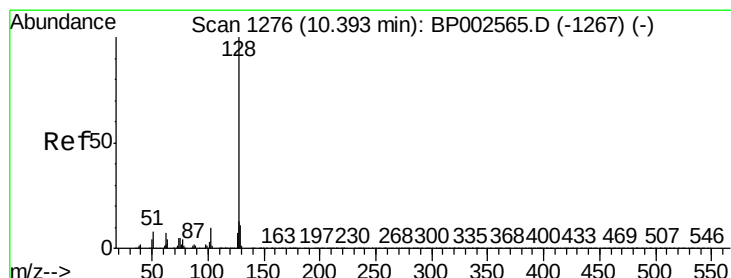
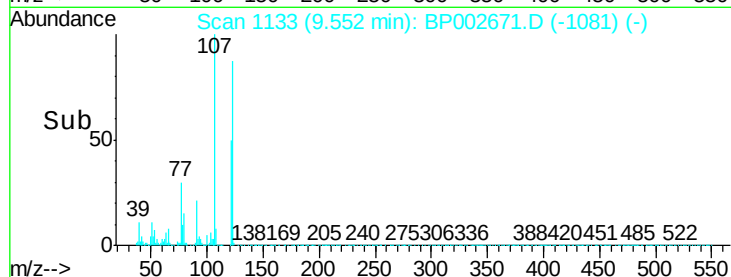
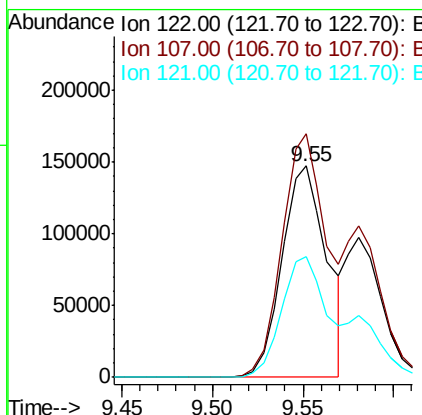
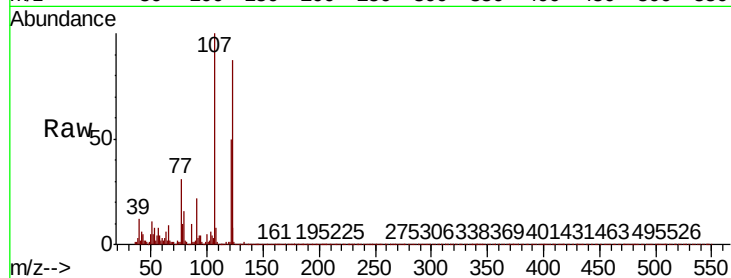




#27  
2,4-Dimethylphenol  
Concen: 25.756 ng  
RT: 9.55 min Scan# 1133  
Delta R.T. 0.01 min  
Lab File: BP002671.D  
Acq: 08 Jul 2020 12:54

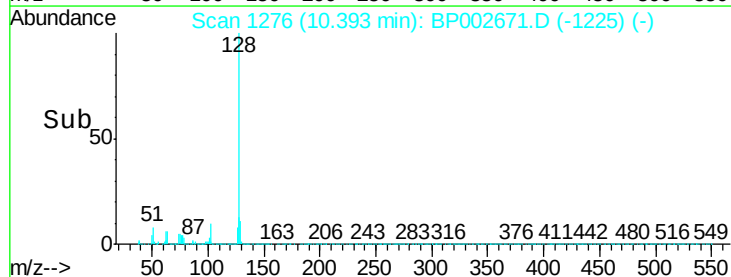
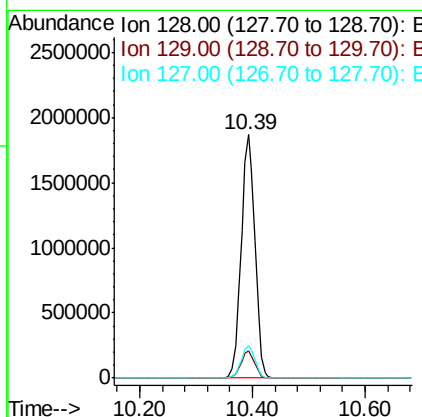
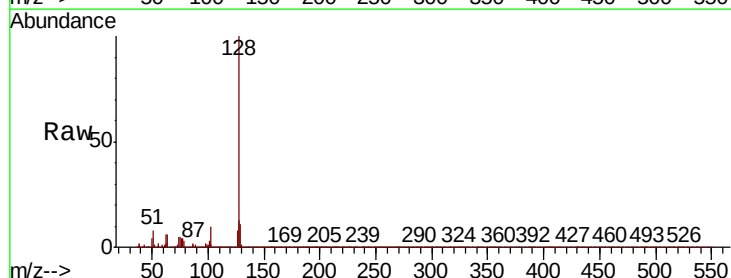
Instrument :  
BNA\_P  
ClientSampleId :  
E3-41-NHL

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 115.3 | 95.9  | 143.9 |
| 121     | 57.3  | 47.0  | 70.6  |

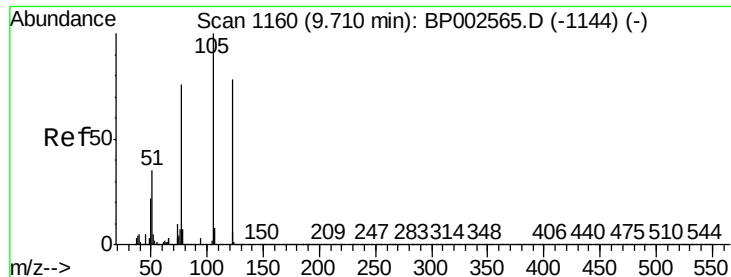


#31  
Naphthalene  
Concen: 86.573 ng  
RT: 10.39 min Scan# 1276  
Delta R.T. 0.00 min  
Lab File: BP002671.D  
Acq: 08 Jul 2020 12:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.2  | 8.6   | 13.0  |
| 127     | 13.2  | 10.3  | 15.5  |



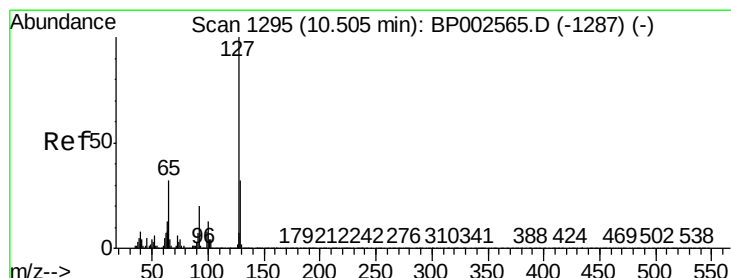
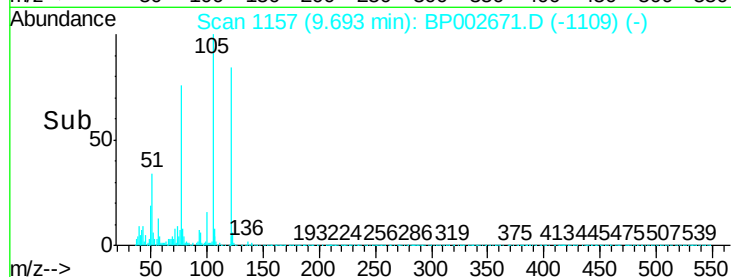
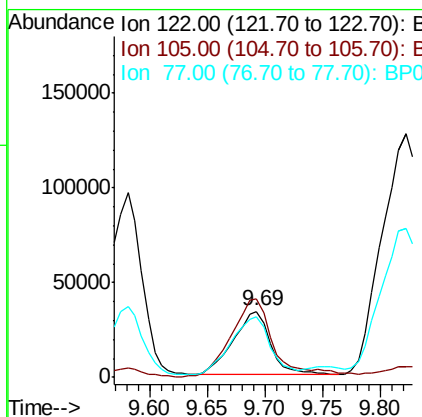
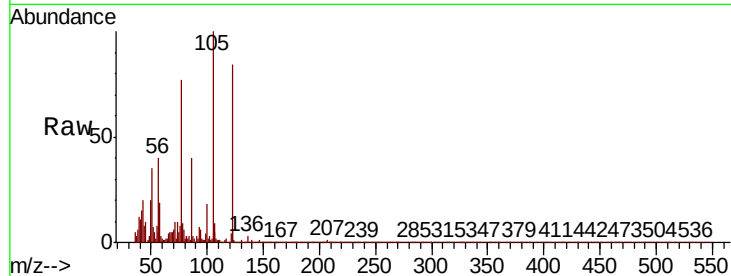




#32  
Benzoic acid  
Concen: 16.509 ng  
RT: 9.69 min Scan# 1157  
Delta R.T. -0.02 min  
Lab File: BP002671.D  
Acq: 08 Jul 2020 12:54

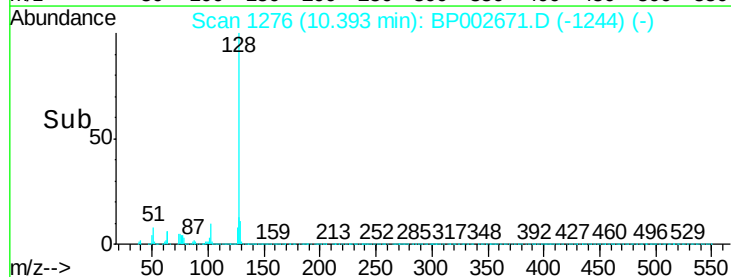
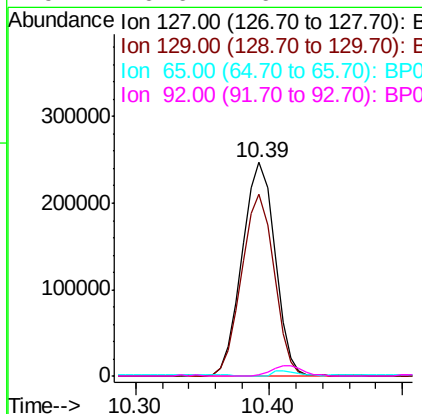
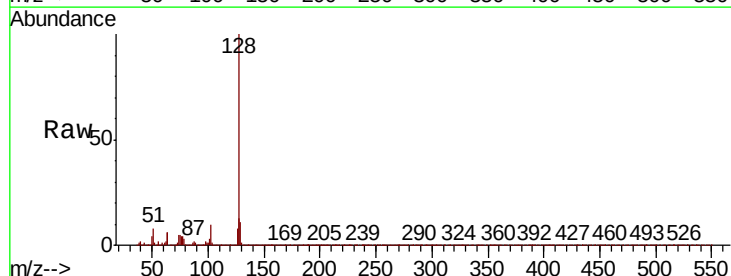
Instrument :  
BNA\_P  
ClientSampleId :  
E3-41-NHL

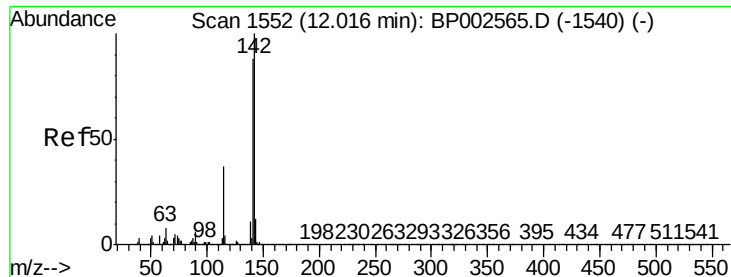
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 119.2 | 106.6 | 146.6 |
| 77      | 91.3  | 76.5  | 116.5 |



#33  
4-Chloroaniline  
Concen: 26.223 ng  
RT: 10.39 min Scan# 1276  
Delta R.T. -0.11 min  
Lab File: BP002671.D  
Acq: 08 Jul 2020 12:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 84.9  | 25.7  | 38.5# |
| 65      | 0.0   | 25.7  | 38.5# |
| 92      | 0.6   | 16.1  | 24.1# |

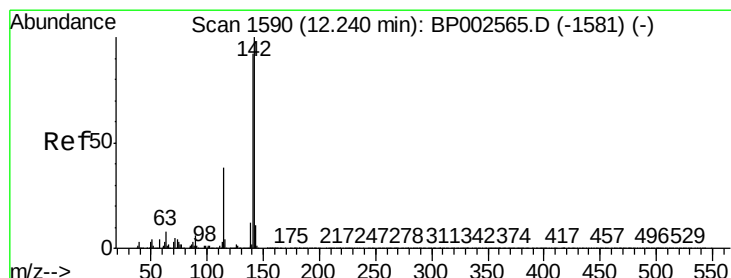
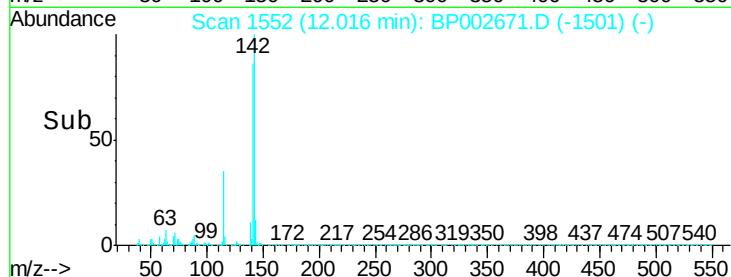
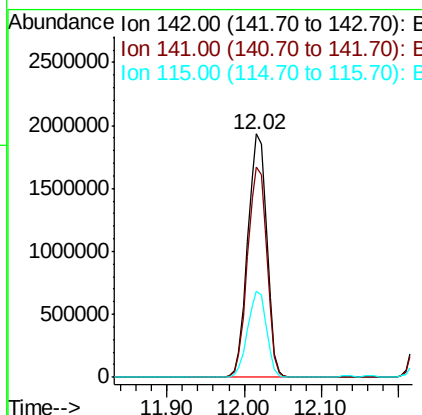
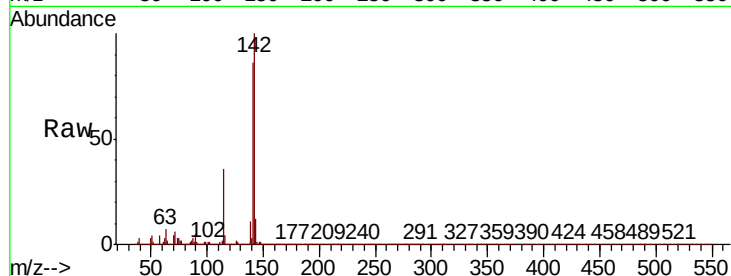




#37  
2-Methylnaphthalene  
Concen: 126.052 ng  
RT: 12.02 min Scan# 1552  
Delta R.T. 0.00 min  
Lab File: BP002671.D  
Acq: 08 Jul 2020 12:54

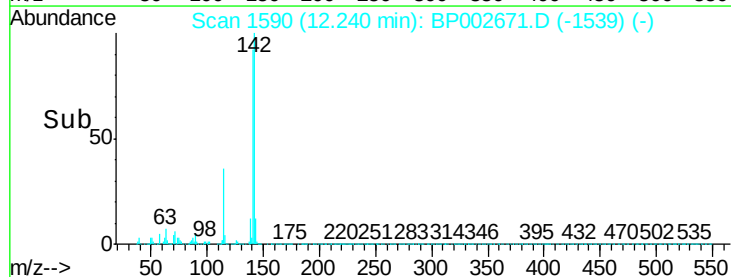
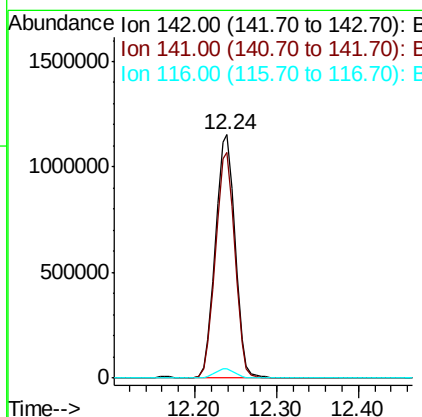
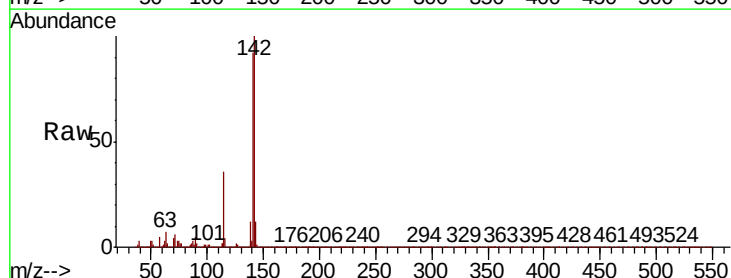
Instrument :  
BNA\_P  
ClientSampleId :  
E3-41-NHL

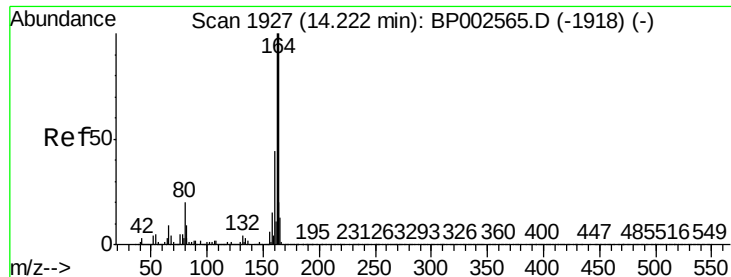
Tot Ion:142 Resp: 3376737  
Ion Ratio Lower Upper  
142 100  
141 86.4 70.7 106.1  
115 35.6 29.7 44.5



#38  
1-Methylnaphthalene  
Concen: 76.786 ng  
RT: 12.24 min Scan# 1590  
Delta R.T. 0.00 min  
Lab File: BP002671.D  
Acq: 08 Jul 2020 12:54

Tgt Ion:142 Resp: 1937263  
Ion Ratio Lower Upper  
142 100  
141 92.5 73.4 110.2  
116 3.9 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.22 min Scan# 1926

Delta R.T. -0.01 min

Lab File: BP002671.D

Acq: 08 Jul 2020 12:54

Instrument :

BNA\_P

ClientSampleId :

E3-41-NHL

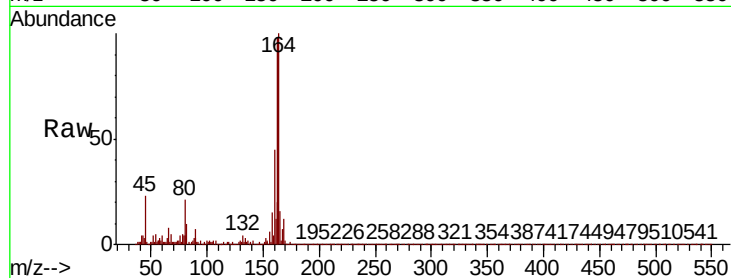
Tot Ion:164 Resp: 458384

Ion Ratio Lower Upper

164 100

162 98.0 80.3 120.5

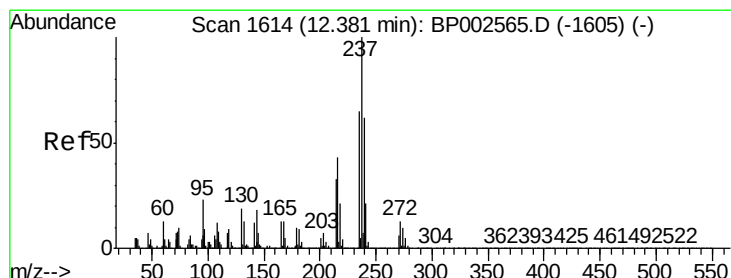
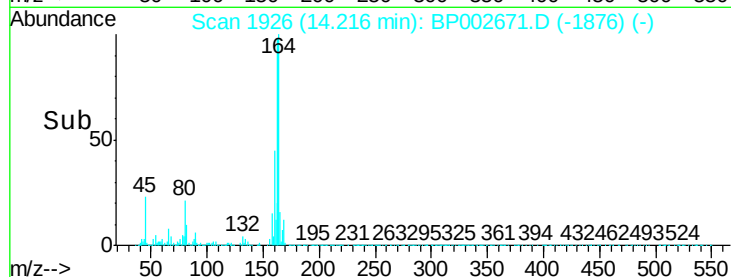
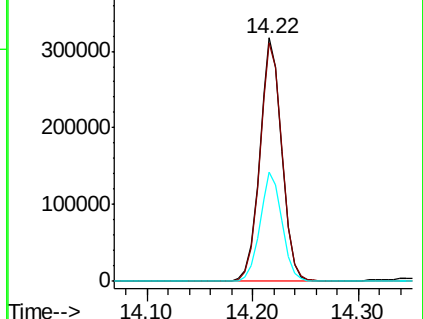
160 44.8 35.0 52.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

Hexachlorocyclopentadiene

Concen: 4.387 ng

RT: 12.39 min Scan# 1616

Delta R.T. 0.01 min

Lab File: BP002671.D

Acq: 08 Jul 2020 12:54

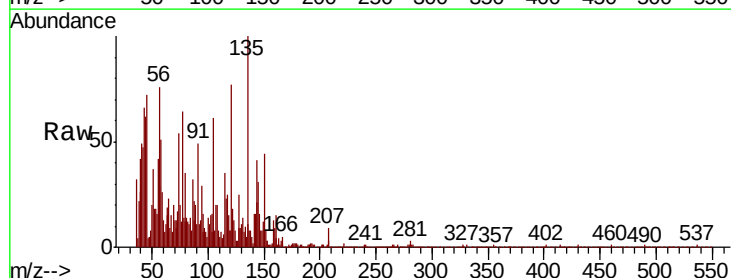
Tgt Ion:237 Resp: 46

Ion Ratio Lower Upper

237 100

235 41.2 45.4 85.4#

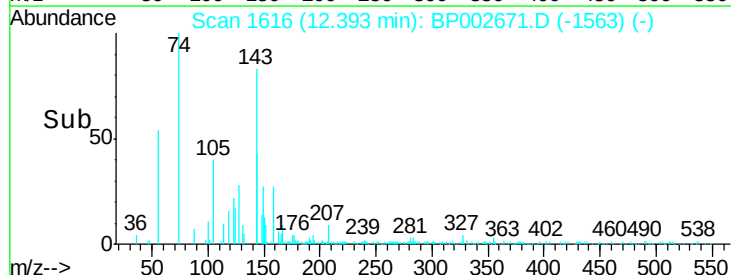
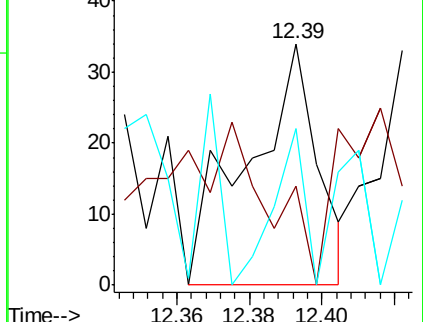
272 64.7 0.0 32.6#

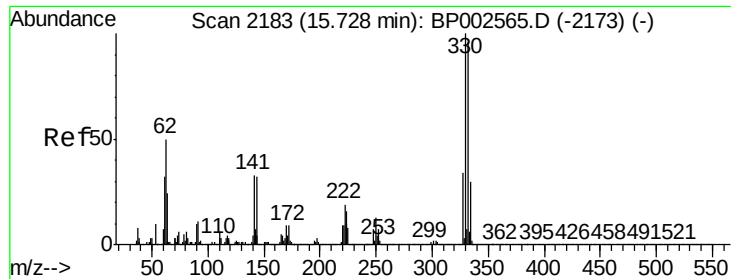


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

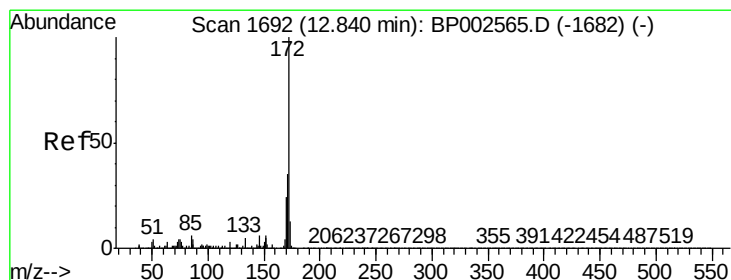
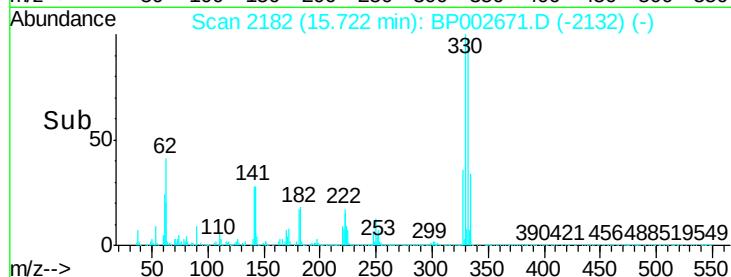
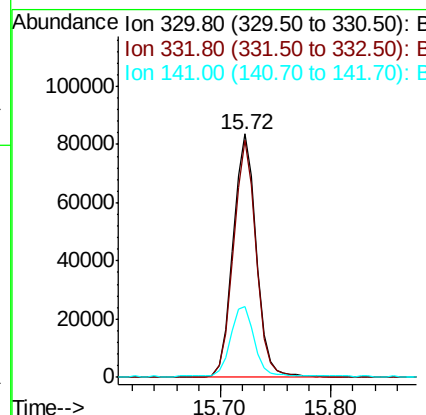
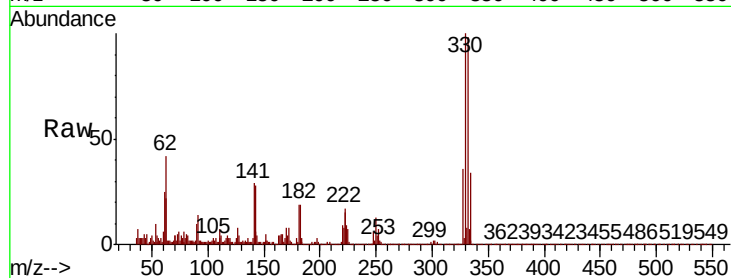




#42  
2,4,6-Tribromophenol  
Concen: 22.292 ng  
RT: 15.72 min Scan# 2182  
Delta R.T. -0.01 min  
Lab File: BP002671.D  
Acq: 08 Jul 2020 12:54

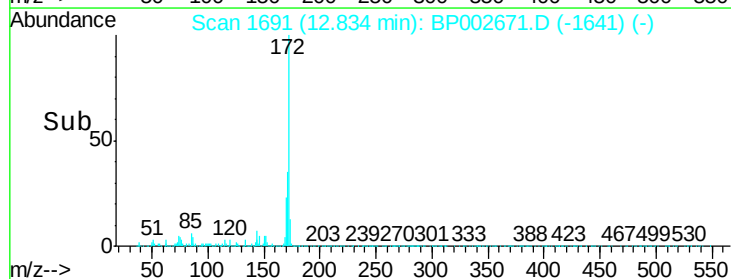
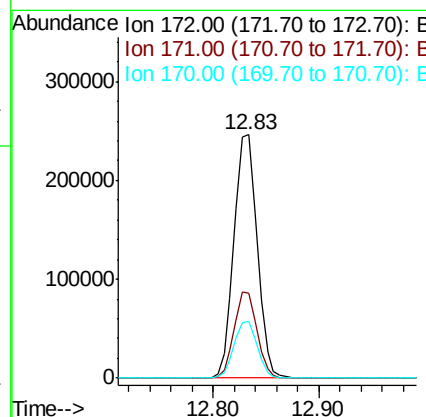
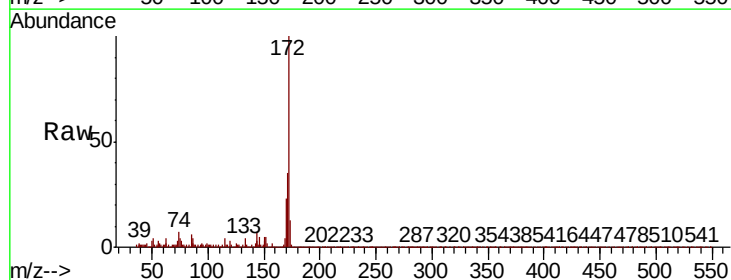
Instrument :  
BNA\_P  
ClientSampleId :  
E3-41-NHL

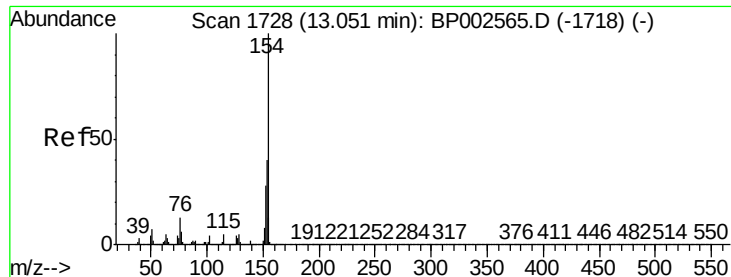
Tot Ion:330 Resp: 124285  
Ion Ratio Lower Upper  
330 100  
332 95.3 77.7 116.5  
141 29.4 29.0 43.6



#45  
2-Fluorobiphenyl  
Concen: 11.989 ng  
RT: 12.83 min Scan# 1691  
Delta R.T. -0.01 min  
Lab File: BP002671.D  
Acq: 08 Jul 2020 12:54

Tgt Ion:172 Resp: 373372  
Ion Ratio Lower Upper  
172 100  
171 34.8 28.0 42.0  
170 23.3 19.0 28.4



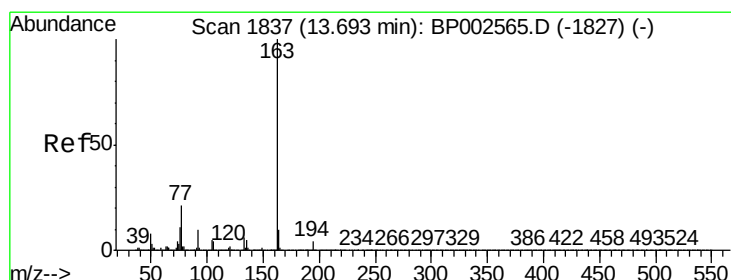
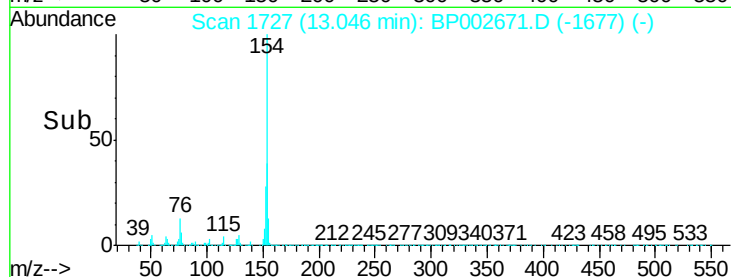
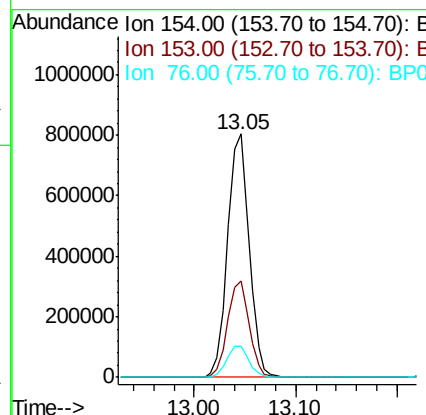
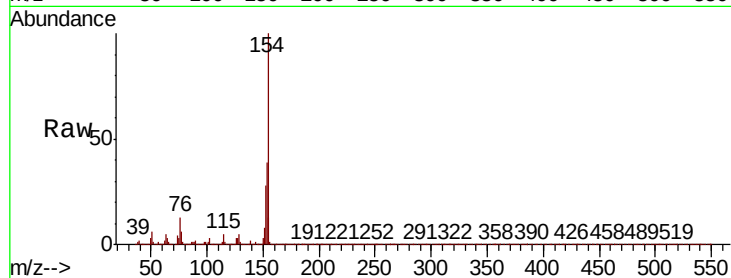


#46  
 1,1'-Biphenyl  
 Concen: 34.255 ng  
 RT: 13.05 min Scan# 1727  
 Delta R.T. -0.01 min  
 Lab File: BP002671.D  
 Acq: 08 Jul 2020 12:54

Instrument :  
 BNA\_P  
 ClientSampleId :  
 E3-41-NHL

Tot Ion:154 Resp: 1187739  

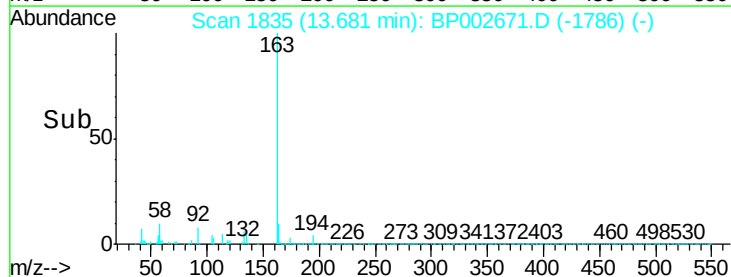
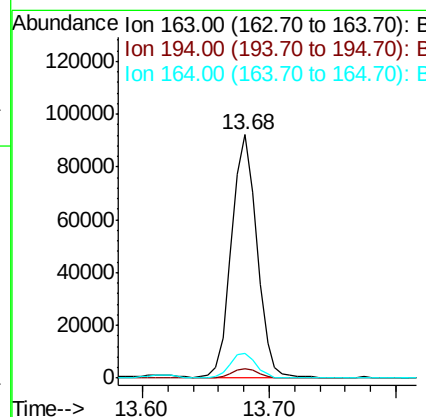
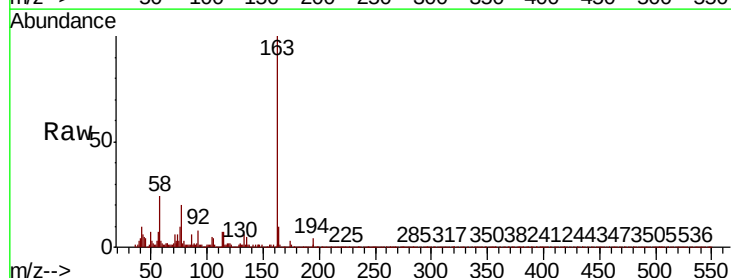
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 154 | 100   |       |       |
| 153 | 39.5  | 20.0  | 60.0  |
| 76  | 12.7  | 0.0   | 33.0  |

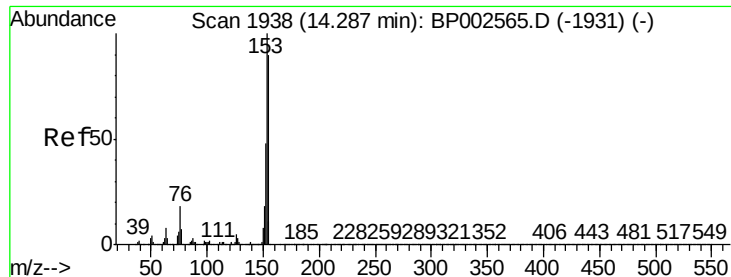


#50  
 Dimethylphthalate  
 Concen: 3.514 ng  
 RT: 13.68 min Scan# 1835  
 Delta R.T. -0.01 min  
 Lab File: BP002671.D  
 Acq: 08 Jul 2020 12:54

Tgt Ion:163 Resp: 126501  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100   |       |       |
| 194 | 4.1   | 3.4   | 5.0   |
| 164 | 10.1  | 8.2   | 12.4  |





#52

Acenaphthene

Concen: 41.015 ng

RT: 14.28 min Scan# 1937

Delta R.T. -0.01 min

Lab File: BP002671.D

Acq: 08 Jul 2020 12:54

Instrument :

BNA\_P

ClientSampleId :

E3-41-NHL

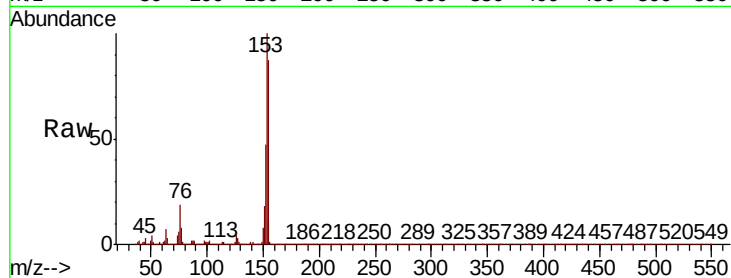
Tot Ion:154 Resp: 1074931

Ion Ratio Lower Upper

154 100

153 114.7 89.1 133.7

152 54.1 43.2 64.8

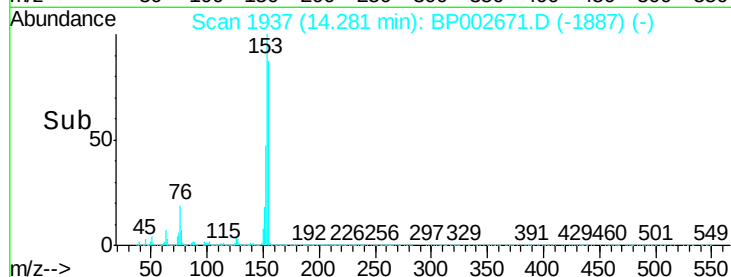


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Time-->

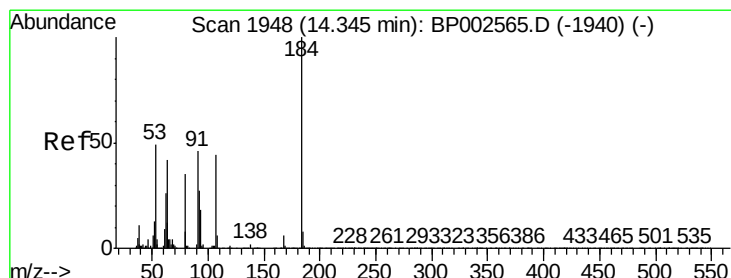


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Time-->



#54

2,4-Dinitrophenol

Concen: 6.627 ng

RT: 14.35 min Scan# 1948

Delta R.T. 0.00 min

Lab File: BP002671.D

Acq: 08 Jul 2020 12:54

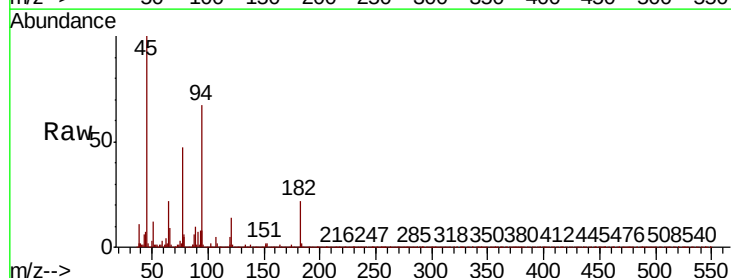
Tgt Ion:184 Resp: 3238

Ion Ratio Lower Upper

184 100

63 1425.9 56.2 84.2#

154 161.4 50.9 76.3#

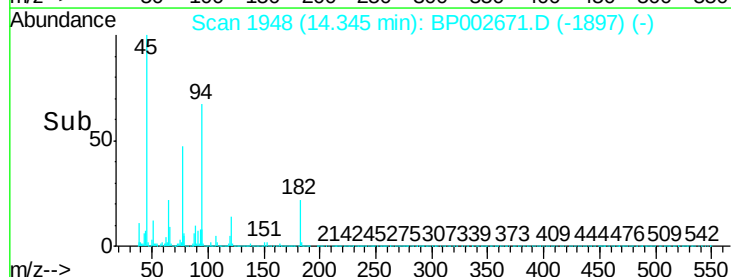


Abundance Ion 184.00 (183.70 to 184.70): E

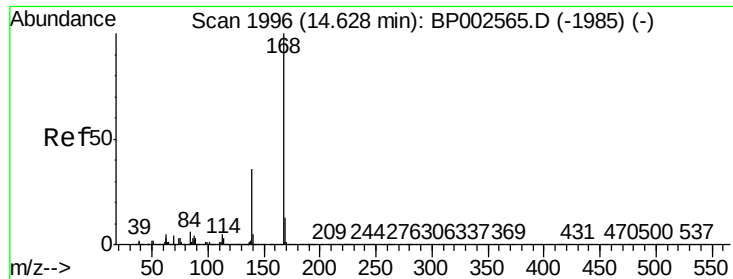
Ion 63.00 (62.70 to 63.70): BP0

Ion 154.00 (153.70 to 154.70): E

Time-->



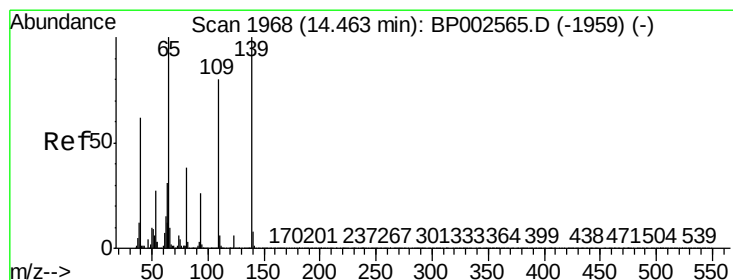
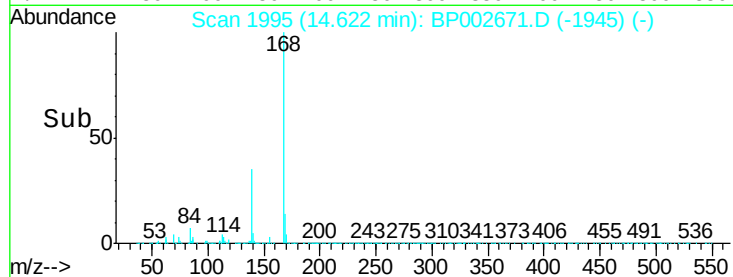
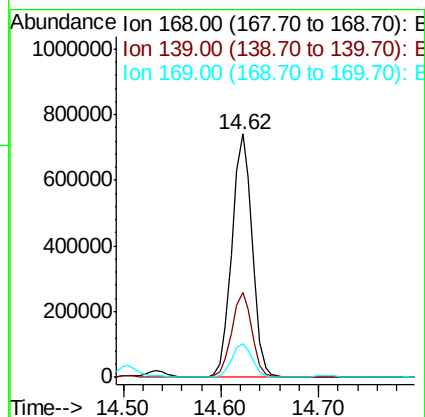
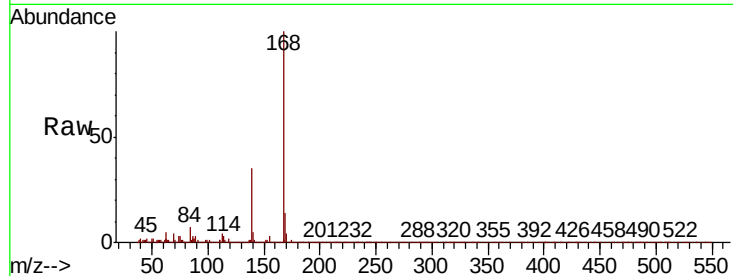
Time-->



#55  
Dibenzofuran  
Concen: 25.153 ng  
RT: 14.62 min Scan# 1995  
Delta R.T. -0.01 min  
Lab File: BP002671.D  
Acq: 08 Jul 2020 12:54

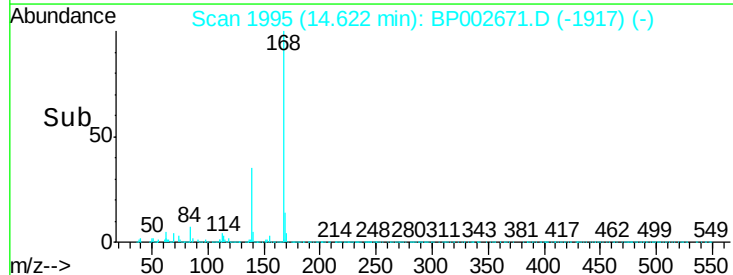
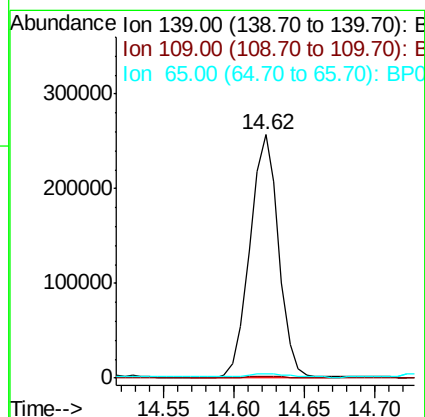
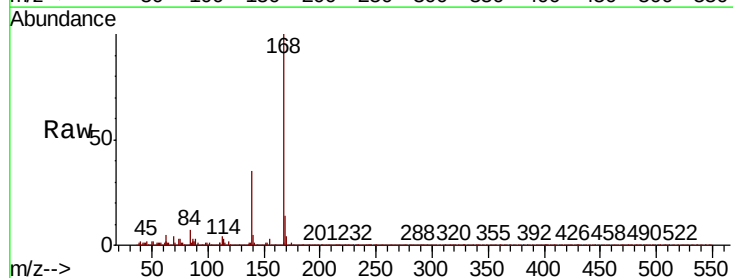
Instrument :  
BNA\_P  
ClientSampled :  
E3-41-NHL

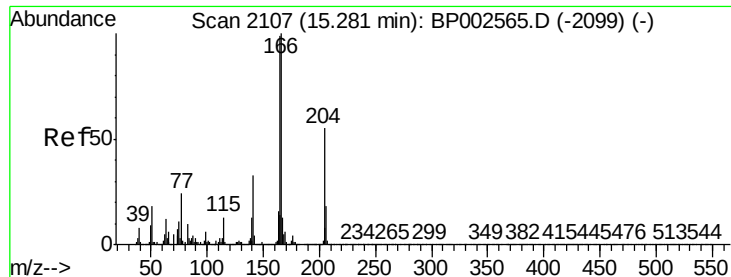
Tot Ion:168 Resp: 1068274  
Ion Ratio Lower Upper  
168 100  
139 34.7 29.3 43.9  
169 13.7 10.6 15.8



#56  
4-Nitrophenol  
Concen: 55.732 ng  
RT: 14.62 min Scan# 1995  
Delta R.T. 0.16 min  
Lab File: BP002671.D  
Acq: 08 Jul 2020 12:54

Tgt Ion:139 Resp: 367390  
Ion Ratio Lower Upper  
139 100  
109 0.8 60.1 100.1#  
65 1.9 80.3 120.3#

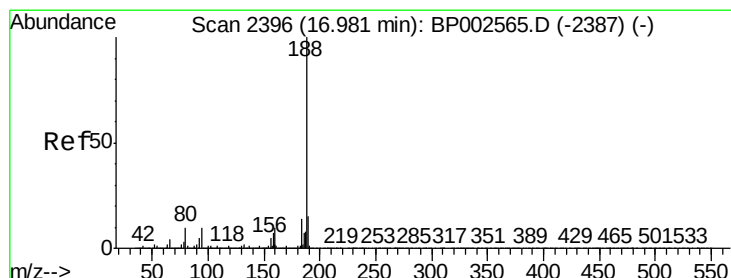
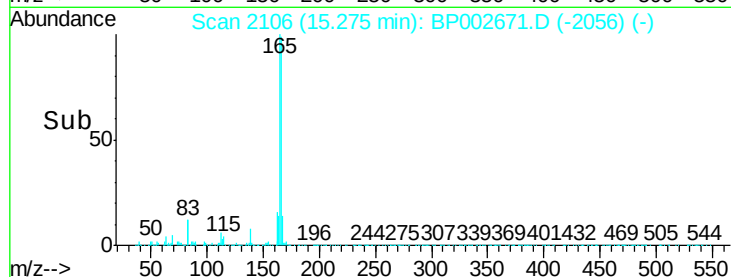
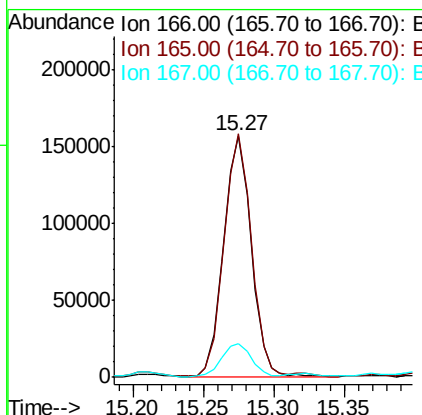
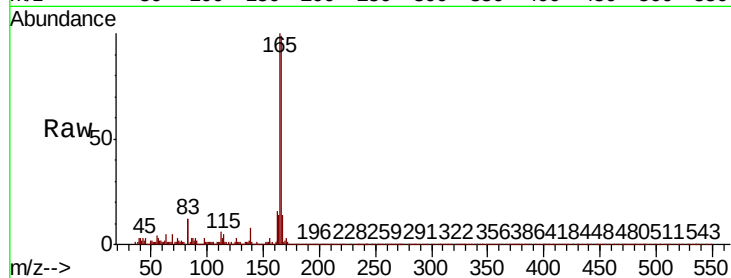




#58  
Fluorene  
Concen: 6.601 ng  
RT: 15.27 min Scan# 2106  
Delta R.T. -0.01 min  
Lab File: BP002671.D  
Acq: 08 Jul 2020 12:54

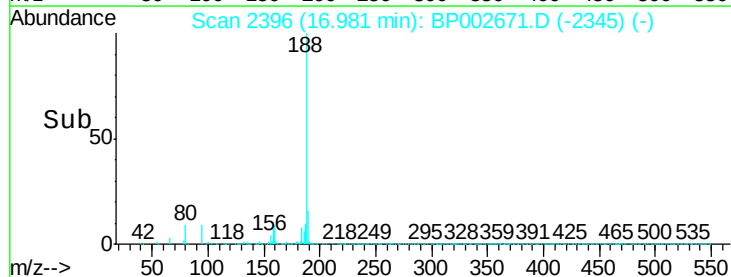
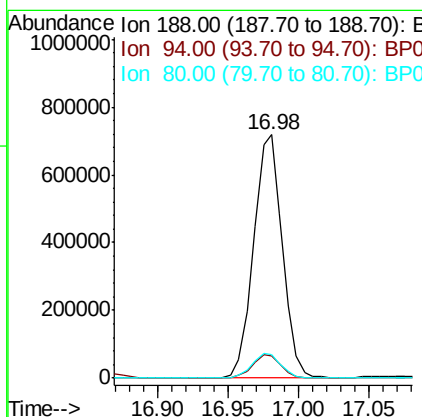
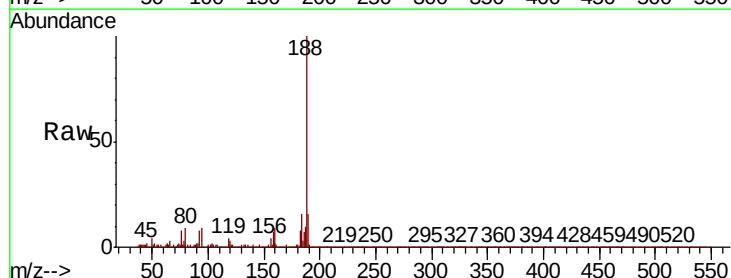
Instrument :  
BNA\_P  
ClientSampleId :  
E3-41-NHL

| Tot Ion   | 166   | Resp | 213519 |
|-----------|-------|------|--------|
| Ion Ratio | 100   |      |        |
| Lower     |       |      |        |
| Upper     |       |      |        |
| 165       | 100.8 | 79.1 | 118.7  |
| 167       | 14.1  | 10.8 | 16.2   |

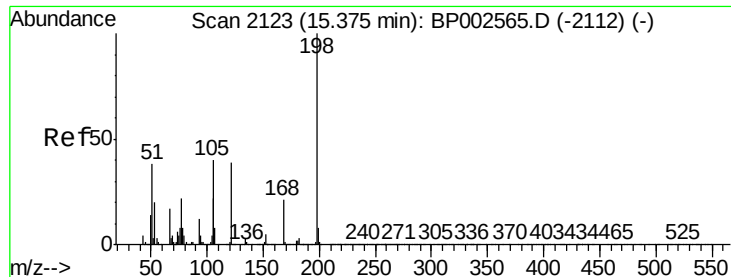


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 16.98 min Scan# 2396  
Delta R.T. 0.00 min  
Lab File: BP002671.D  
Acq: 08 Jul 2020 12:54

| Tgt Ion   | 188 | Resp | 1026240 |
|-----------|-----|------|---------|
| Ion Ratio | 100 |      |         |
| Lower     |     |      |         |
| Upper     |     |      |         |
| 94        | 9.1 | 7.8  | 11.6    |
| 80        | 9.4 | 8.2  | 12.4    |



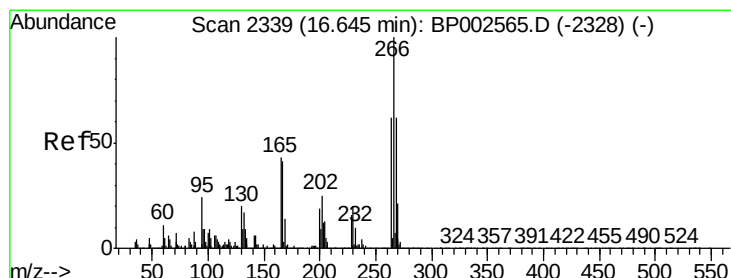
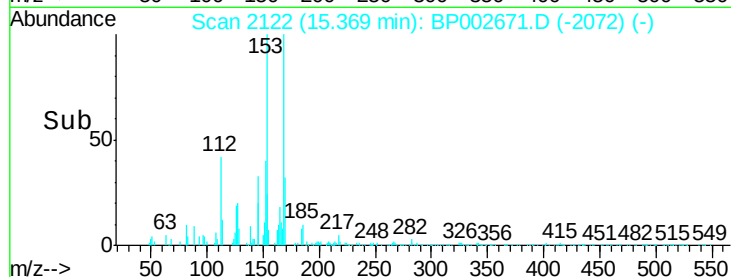
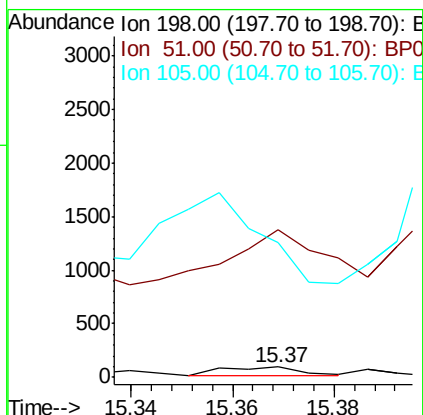
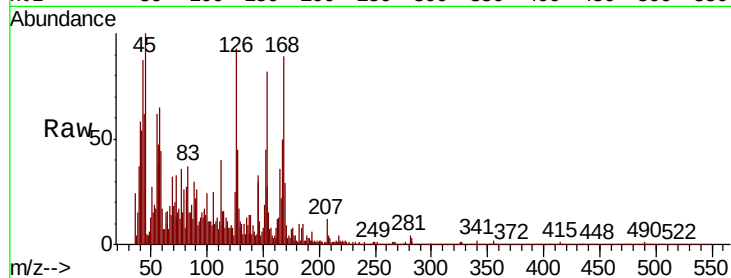




#65  
4,6-Dinitro-2-methylphenol  
Concen: 2.723 ng  
RT: 15.37 min Scan# 2122  
Delta R.T. -0.01 min  
Lab File: BP002671.D  
Acq: 08 Jul 2020 12:54

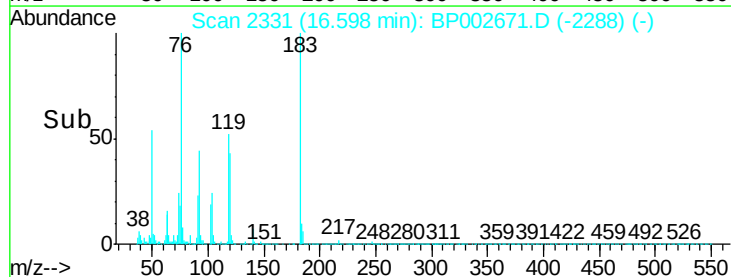
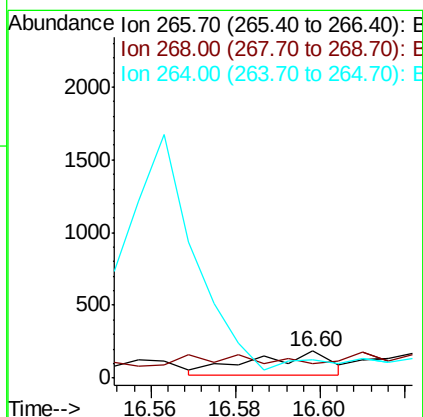
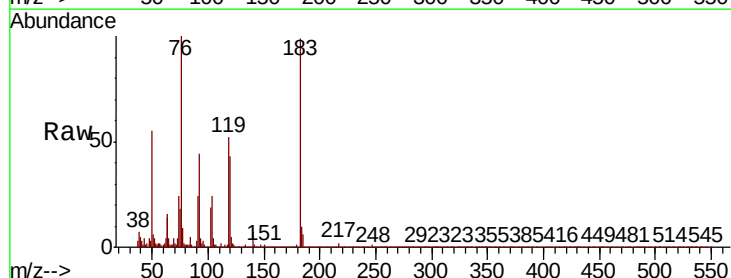
Instrument :  
BNA\_P  
ClientSampleId :  
E3-41-NHL

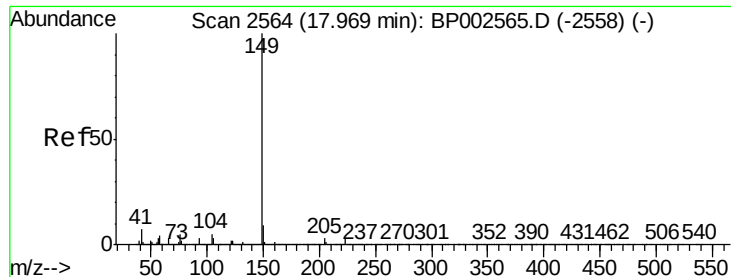
Tot Ion:198 Resp: 95  
Ion Ratio Lower Upper  
198 100  
51 1430.2 24.2 64.2#  
105 1312.5 20.7 60.7#



#70  
Pentachlorophenol  
Concen: 2.691 ng  
RT: 16.60 min Scan# 2331  
Delta R.T. -0.05 min  
Lab File: BP002671.D  
Acq: 08 Jul 2020 12:54

Tgt Ion:266 Resp: 216  
Ion Ratio Lower Upper  
266 100  
268 52.9 49.7 74.5  
264 67.9 49.3 73.9





#74

Di-n-butylphthalate

Concen: 2.324 ng

RT: 17.97 min Scan# 2564

Delta R.T. 0.00 min

Lab File: BP002671.D

Acq: 08 Jul 2020 12:54

Instrument :

BNA\_P

ClientSampleId :

E3-41-NHL

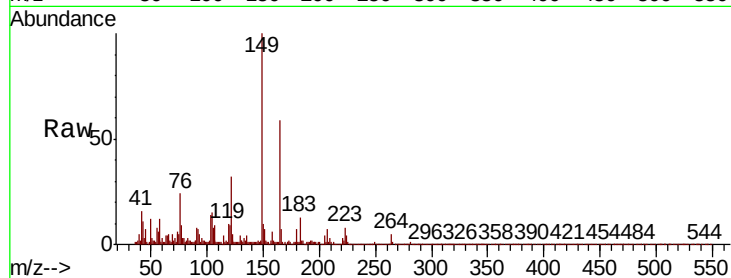
Tot Ion:149 Resp: 145356

Ion Ratio Lower Upper

149 100

150 9.5 7.3 10.9

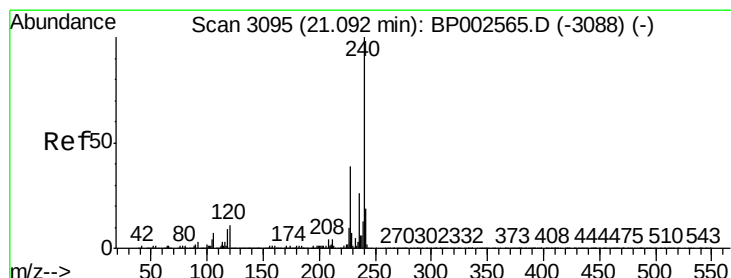
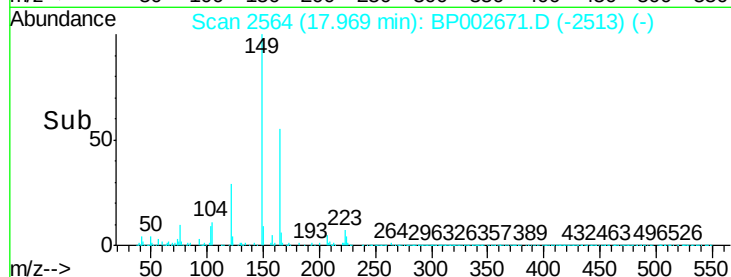
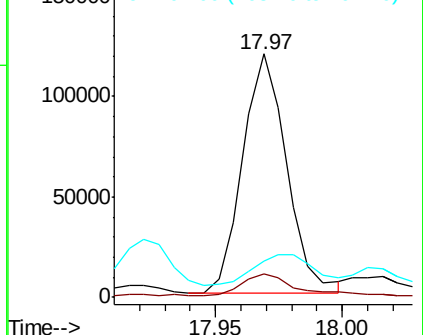
104 15.1 4.2 6.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.09 min Scan# 3095

Delta R.T. 0.00 min

Lab File: BP002671.D

Acq: 08 Jul 2020 12:54

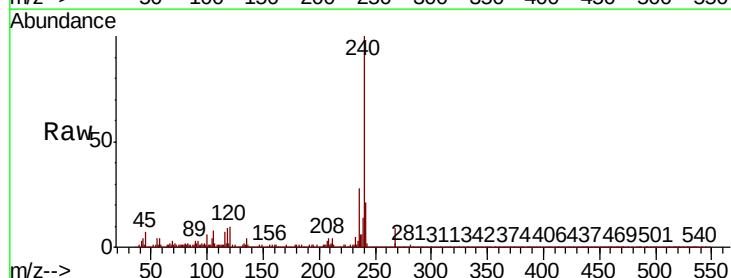
Tgt Ion:240 Resp: 1228200

Ion Ratio Lower Upper

240 100

120 9.9 8.6 13.0

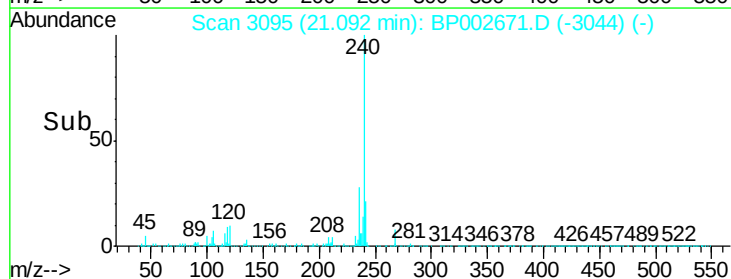
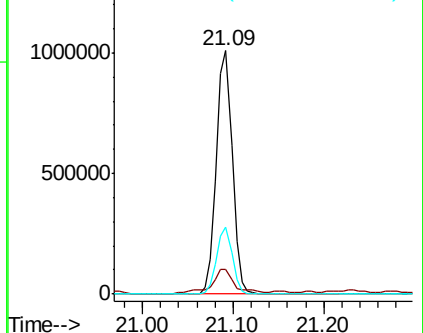
236 27.6 20.8 31.2

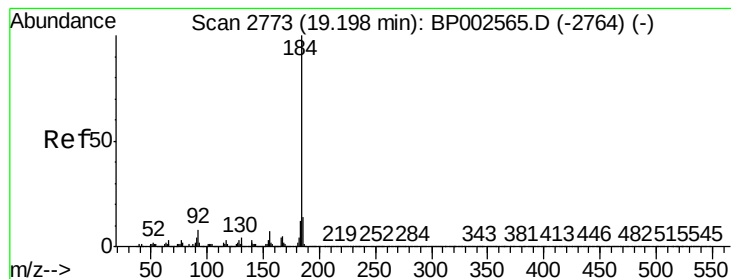


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 3.770 ng

RT: 19.18 min Scan# 2770

Delta R.T. -0.02 min

Lab File: BP002671.D

Acq: 08 Jul 2020 12:54

Instrument :

BNA\_P

ClientSampleId :

E3-41-NHL

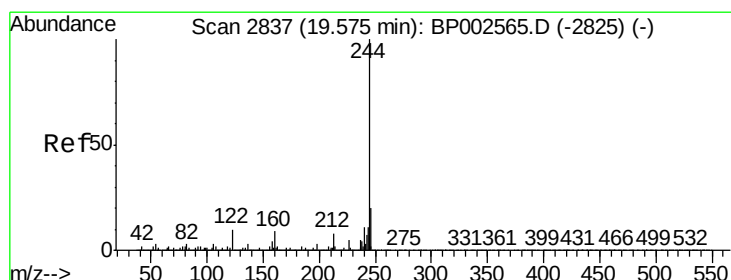
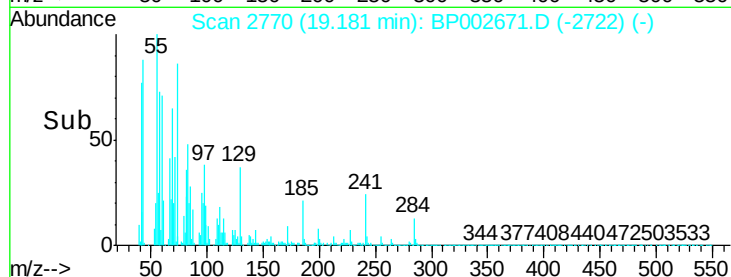
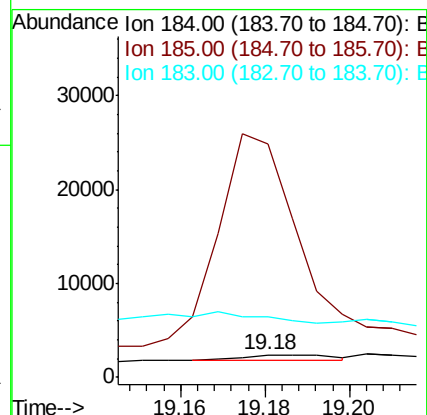
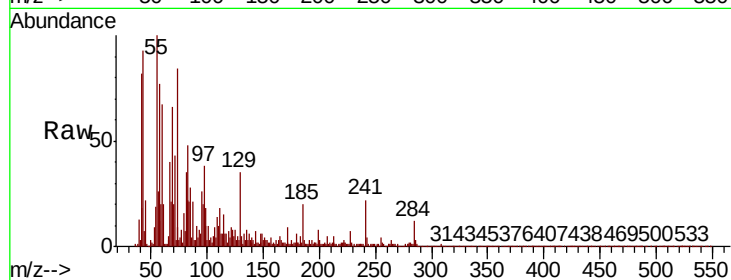
Tot Ion:184 Resp: 768

Ion Ratio Lower Upper

184 100

185 1035.6 11.4 17.2#

183 267.5 9.2 13.8#



#79

Terphenyl-d14

Concen: 12.683 ng

RT: 19.57 min Scan# 2836

Delta R.T. -0.01 min

Lab File: BP002671.D

Acq: 08 Jul 2020 12:54

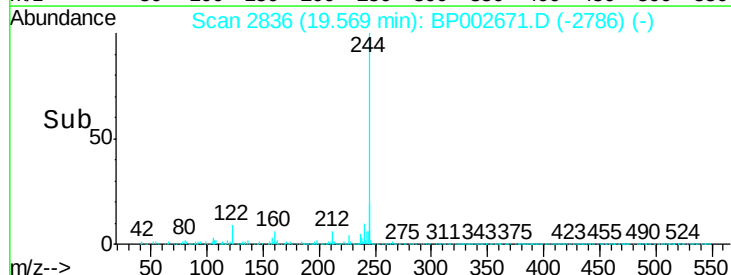
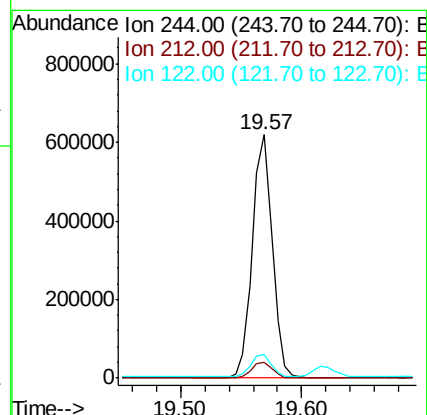
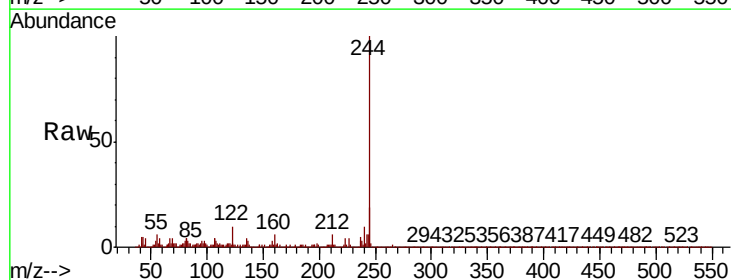
Tgt Ion:244 Resp: 721669

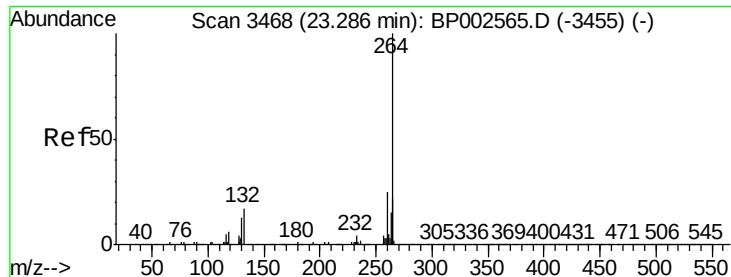
Ion Ratio Lower Upper

244 100

212 6.5 6.5 9.7#

122 9.8 7.9 11.9





#86  
Pervlene-d12  
Concen: 20.000 ng  
RT: 23.29 min Scan# 3468  
Delta R.T. 0.00 min  
Lab File: BP002671.D  
Acq: 08 Jul 2020 12:54

Instrument :  
BNA\_P  
ClientSampleId :  
E3-41-NHL

Tot Ion:264 Resp: 1407109  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 25.4  | 19.7  | 29.5  |
| 265 | 22.8  | 17.6  | 26.4  |

