

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF031522\  
 Data File : BF127337.D  
 Acq On : 15 Mar 2022 21:40  
 Operator : CG\JU  
 Sample : N1918-02  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 AVENUE-X-GROUT-SAMPLE-A

Quant Time: Mar 16 05:31:18 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF031022.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 10 16:51:53 2022  
 Response via : Initial Calibration

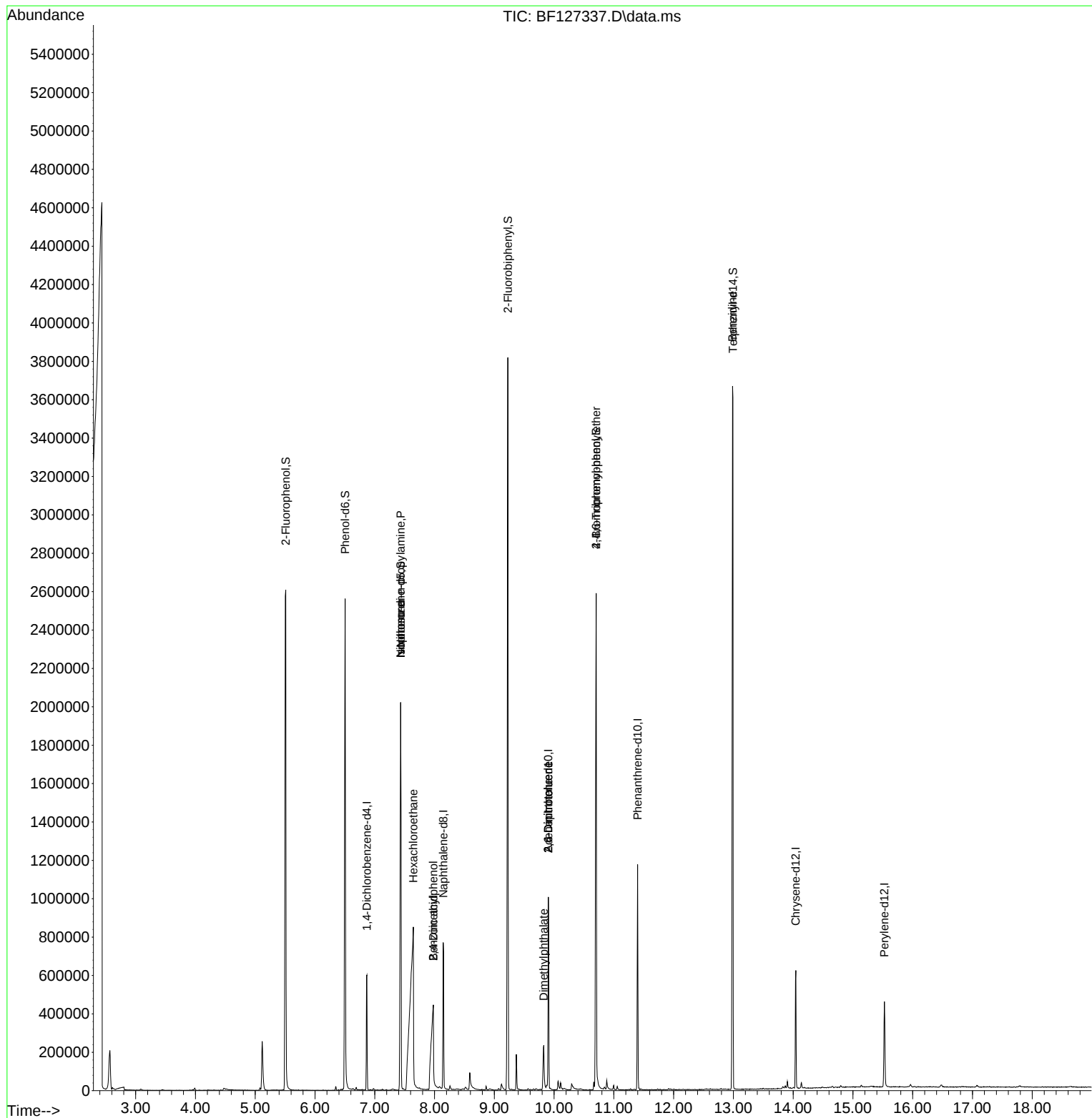
| Compound                      | R.T.   | QIon | Response | Conc      | Units | Dev(Min)  |
|-------------------------------|--------|------|----------|-----------|-------|-----------|
| -----                         |        |      |          |           |       |           |
| Internal Standards            |        |      |          |           |       |           |
| 1) 1,4-Dichlorobenzene-d4     | 6.869  | 152  | 85659    | 20.000    | ng    | 0.00      |
| 21) Naphthalene-d8            | 8.145  | 136  | 327030   | 20.000    | ng    | #-0.01    |
| 39) Acenaphthene-d10          | 9.904  | 164  | 198227   | 20.000    | ng    | -0.01     |
| 64) Phenanthrene-d10          | 11.398 | 188  | 376914   | 20.000    | ng    | # 0.00    |
| 76) Chrysene-d12              | 14.045 | 240  | 216038   | 20.000    | ng    | # 0.00    |
| 86) Perylene-d12              | 15.527 | 264  | 197248   | 20.000    | ng    | 0.00      |
| System Monitoring Compounds   |        |      |          |           |       |           |
| 5) 2-Fluorophenol             | 5.510  | 112  | 693372   | 130.125   | ng    | 0.02      |
| 7) Phenol-d6                  | 6.504  | 99   | 866124   | 118.159   | ng    | 0.00      |
| 23) Nitrobenzene-d5           | 7.434  | 82   | 710545   | 89.729    | ng    | 0.00      |
| 42) 2,4,6-Tribromophenol      | 10.704 | 330  | 326519   | 153.015   | ng    | 0.00      |
| 45) 2-Fluorobiphenyl          | 9.228  | 172  | 1213719  | 86.565    | ng    | 0.00      |
| 79) Terphenyl-d14             | 12.992 | 244  | 1492486  | 118.960   | ng    | 0.00      |
| Target Compounds              |        |      |          |           |       |           |
| 9) Benzaldehyde               | 6.434  | 77   | 1560     | Below Cal |       | Qvalue 92 |
| 18) Hexachloroethane          | 7.645  | 117  | 5458     | 2.289     | ng    | # 8       |
| 19) n-Nitroso-di-n-propyla... | 7.434  | 70   | 98032    | 21.431    | ng    | # 87      |
| 25) Isophorone                | 7.434  | 82   | 710545   | 55.803    | ng    | # 69      |
| 27) 2,4-Dimethylphenol        | 7.981  | 122  | 215263   | 46.232    | ng    | # 5       |
| 32) Benzoic acid              | 7.981  | 122  | 215263   | 63.959    | ng    | 92        |
| 50) Dimethylphthalate         | 9.828  | 163  | 89386    | 6.293     | ng    | # 95      |
| 51) 2,6-Dinitrotoluene        | 9.904  | 165  | 25685    | 8.939     | ng    | # 21      |
| 57) 2,4-Dinitrotoluene        | 9.904  | 165  | 25685    | 6.794     | ng    | # 15      |
| 67) 4-Bromophenyl-phenylether | 10.704 | 248  | 20951    | 4.611     | ng    | # 1       |
| 77) Benzidine                 | 12.986 | 184  | 18563    | 3.379     | ng    | # 91      |
| -----                         |        |      |          |           |       |           |

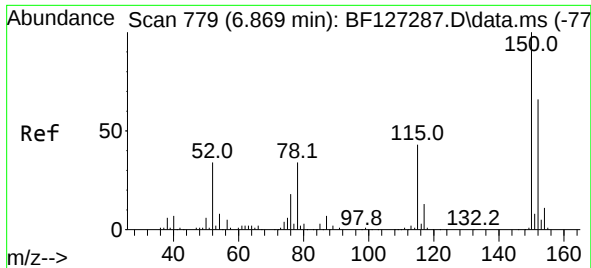
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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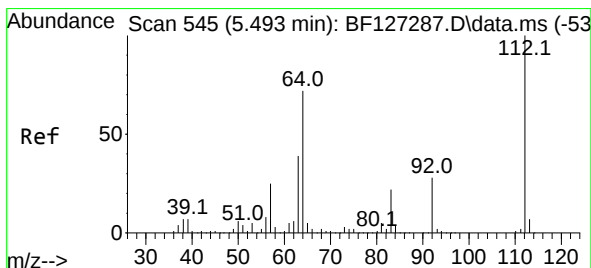
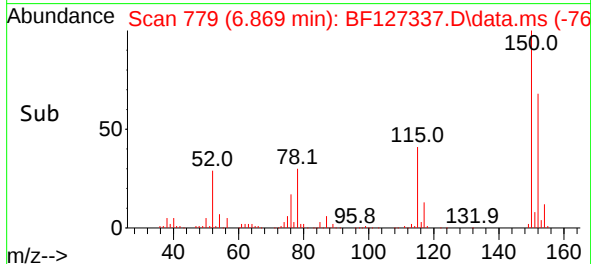
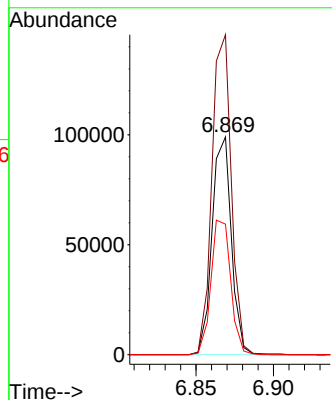
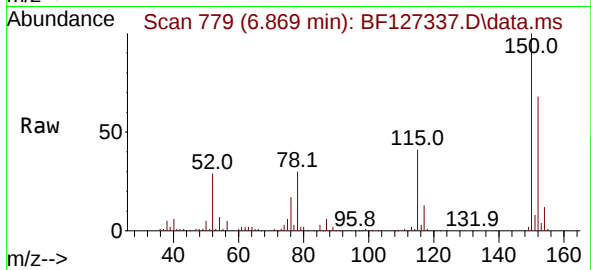




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.869 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: BF127337.D  
Acq: 15 Mar 2022 21:40

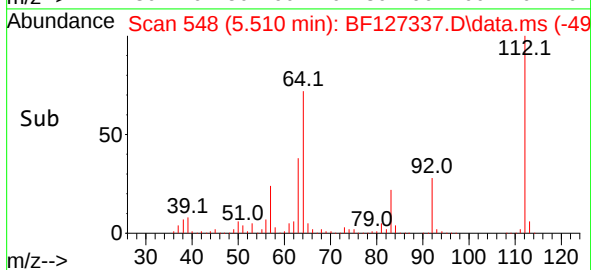
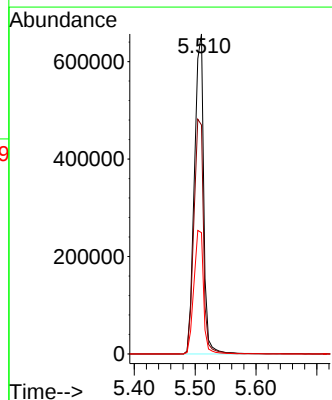
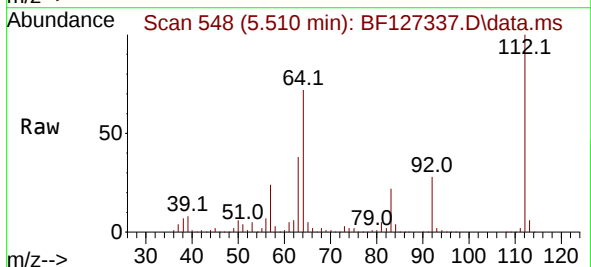
Instrument :  
BNA\_F  
ClientSampleId :  
AVENUE-X-GROUT-SAMPLE-A

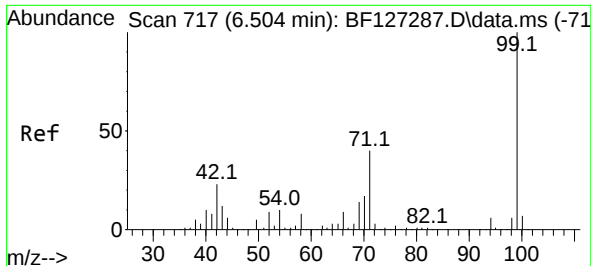
Tgt Ion:152 Resp: 85659  
Ion Ratio Lower Upper  
152 100  
150 146.9 128.1 192.1  
115 59.9 56.7 85.1



#5  
2-Fluorophenol  
Concen: 130.125 ng  
RT: 5.510 min Scan# 548  
Delta R.T. 0.018 min  
Lab File: BF127337.D  
Acq: 15 Mar 2022 21:40

Tgt Ion:112 Resp: 693372  
Ion Ratio Lower Upper  
112 100  
64 71.6 49.5 74.3  
63 37.9 23.9 35.9#





#7

Phenol-d6

Concen: 118.159 ng

RT: 6.504 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF127337.D

Acq: 15 Mar 2022 21:40

Instrument :

BNA\_F

ClientSampleId :

AVENUE-X-GROUT-SAMPLE-A

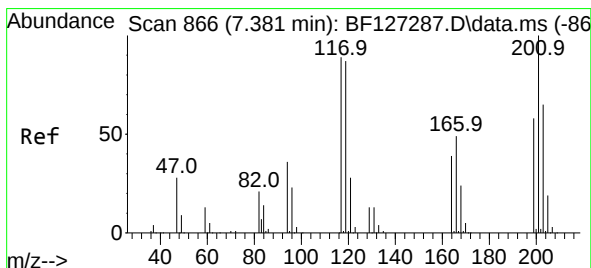
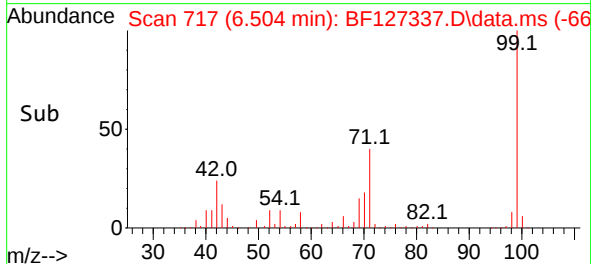
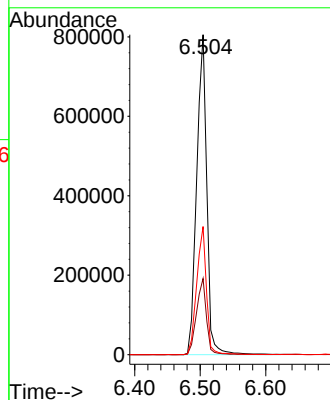
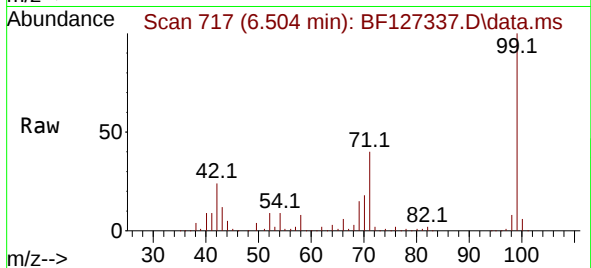
Tgt Ion: 99 Resp: 866124

Ion Ratio Lower Upper

99 100

42 23.8 14.2 21.4#

71 40.0 24.3 36.5#



#18

Hexachloroethane

Concen: 2.289 ng

RT: 7.645 min Scan# 911

Delta R.T. 0.265 min

Lab File: BF127337.D

Acq: 15 Mar 2022 21:40

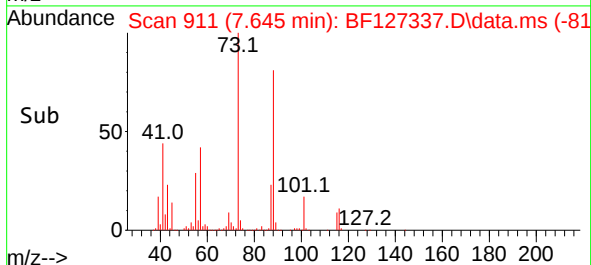
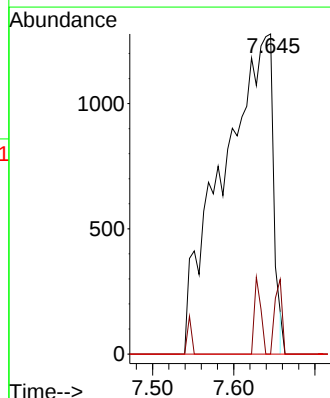
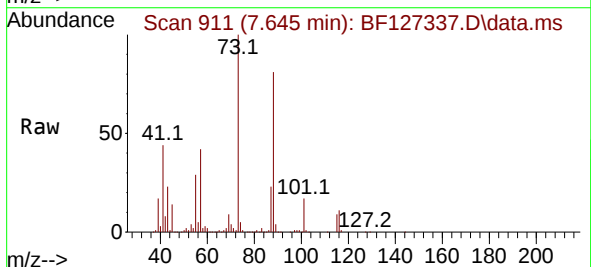
Tgt Ion: 117 Resp: 5458

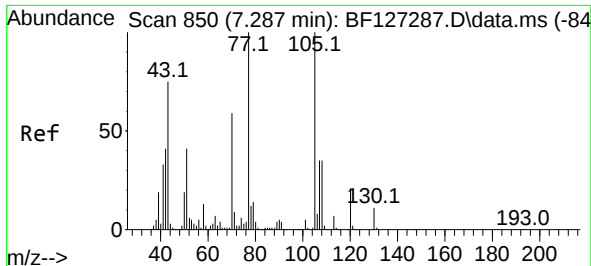
Ion Ratio Lower Upper

117 100

119 0.0 75.4 113.0#

201 0.0 56.8 85.2#





#19

n-Nitroso-di-n-propylamine

Concen: 21.431 ng

RT: 7.434 min Scan# 81

Delta R.T. 0.147 min

Lab File: BF127337.D

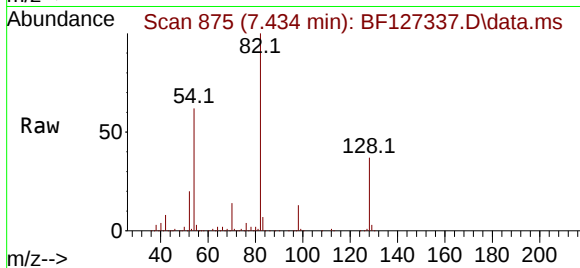
Acq: 15 Mar 2022 21:40

Instrument :

BNA\_F

ClientSampleId :

AVENUE-X-GROUT-SAMPLE-A



Tgt Ion: 70 Resp: 98032

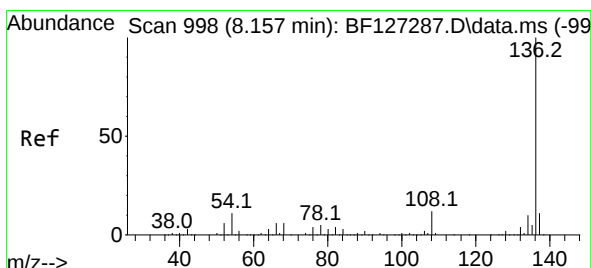
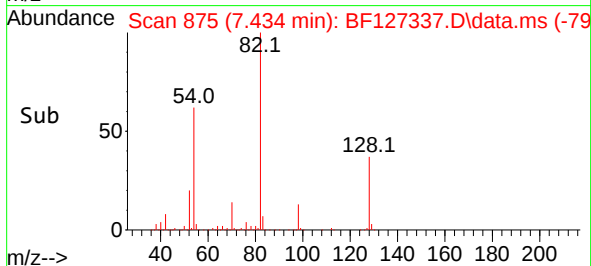
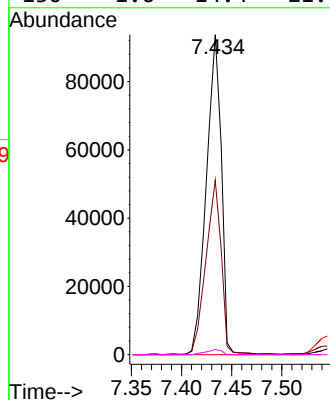
Ion Ratio Lower Upper

70 100

42 54.6 45.8 68.8

101 0.0 6.9 10.3#

130 1.6 14.4 21.6#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.145 min Scan# 996

Delta R.T. -0.012 min

Lab File: BF127337.D

Acq: 15 Mar 2022 21:40

Tgt Ion:136 Resp: 327030

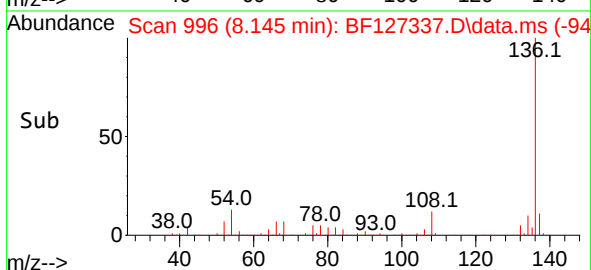
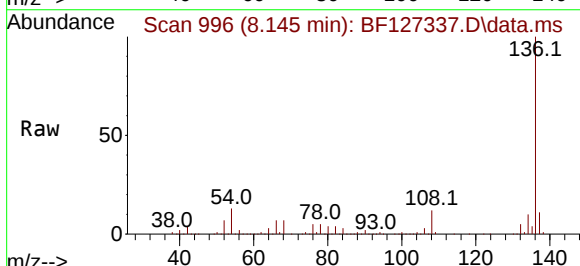
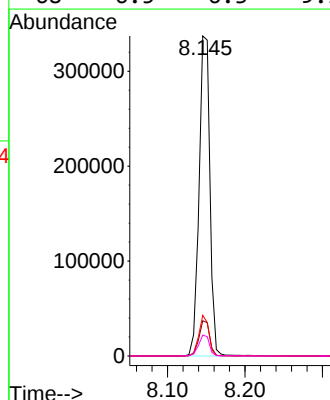
Ion Ratio Lower Upper

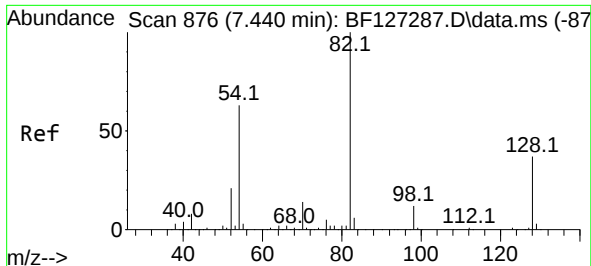
136 100

137 11.0 8.6 13.0

54 12.7 7.8 11.6#

68 6.5 6.3 9.5

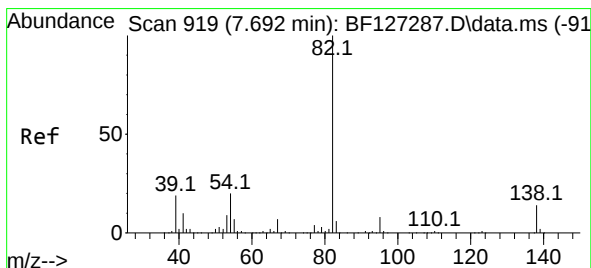
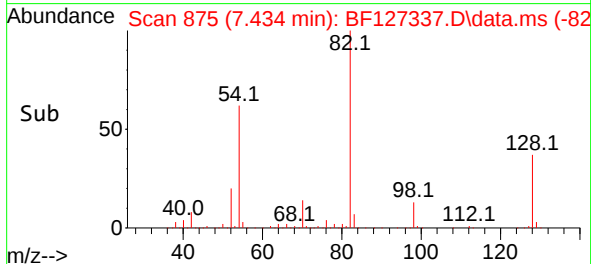
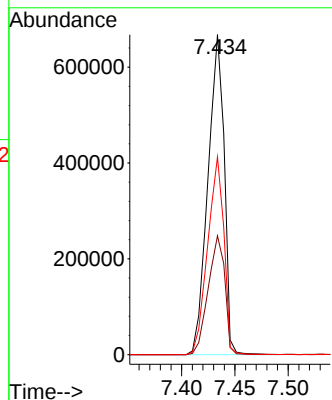
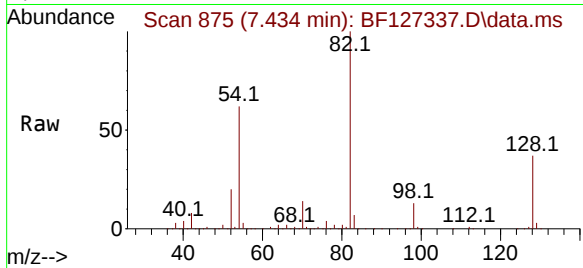




#23  
Nitrobenzene-d5  
Concen: 89.729 ng  
RT: 7.434 min Scan# 875  
Delta R.T. -0.006 min  
Lab File: BF127337.D  
Acq: 15 Mar 2022 21:40

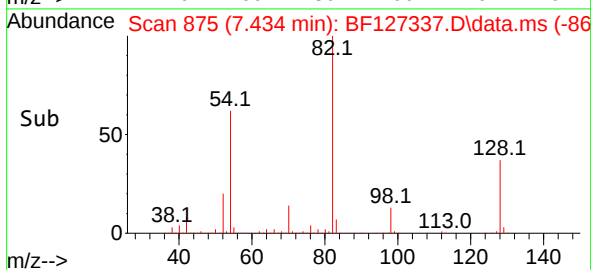
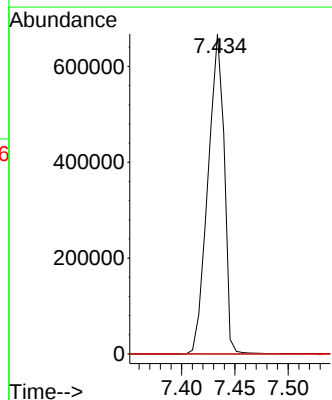
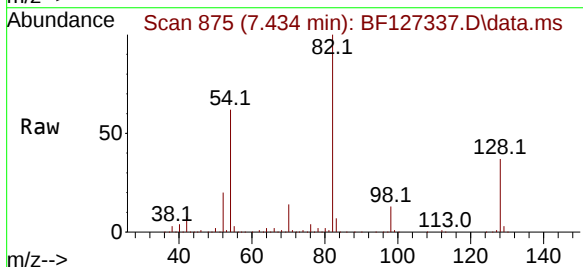
Instrument :  
BNA\_F  
ClientSampleId :  
AVENUE-X-GROUT-SAMPLE-A

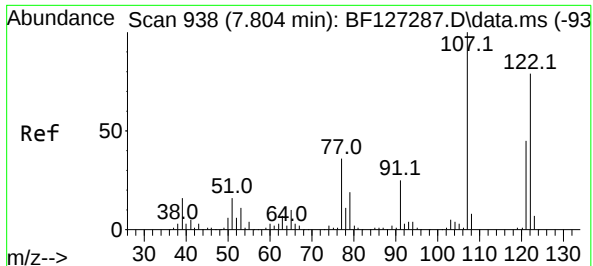
Tgt Ion: 82 Resp: 710545  
Ion Ratio Lower Upper  
82 100  
128 37.2 32.7 49.1  
54 61.8 41.7 62.5



#25  
Isophorone  
Concen: 55.803 ng  
RT: 7.434 min Scan# 875  
Delta R.T. -0.259 min  
Lab File: BF127337.D  
Acq: 15 Mar 2022 21:40

Tgt Ion: 82 Resp: 710545  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.0 7.4#  
138 0.0 12.3 18.5#





#27

2,4-Dimethylphenol

Concen: 46.232 ng

RT: 7.981 min Scan# 90

Delta R.T. 0.176 min

Lab File: BF127337.D

Acq: 15 Mar 2022 21:40

Instrument :

BNA\_F

ClientSampleId :

AVENUE-X-GROUT-SAMPLE-A

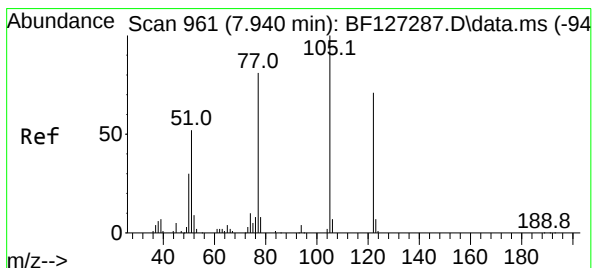
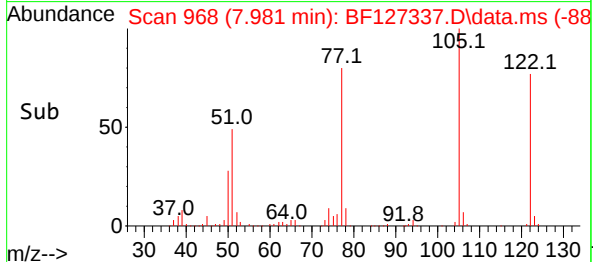
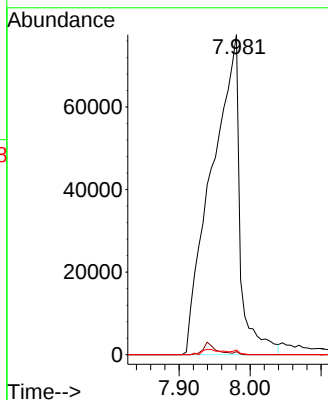
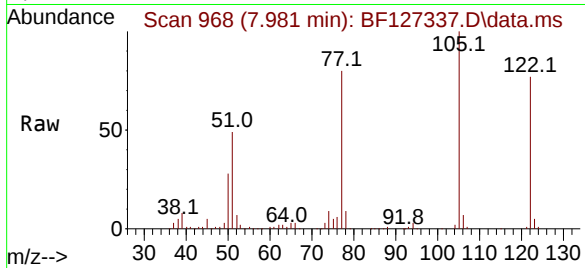
Tgt Ion:122 Resp: 215263

Ion Ratio Lower Upper

122 100

107 0.9 91.2 136.8#

121 1.5 44.4 66.6#



#32

Benzoic acid

Concen: 63.959 ng

RT: 7.981 min Scan# 968

Delta R.T. 0.041 min

Lab File: BF127337.D

Acq: 15 Mar 2022 21:40

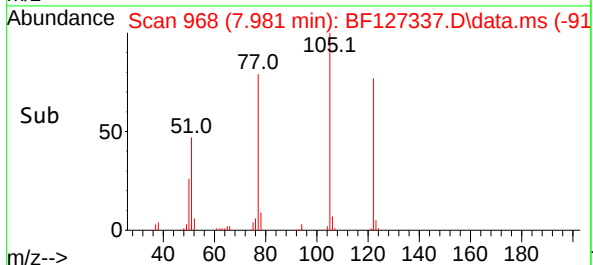
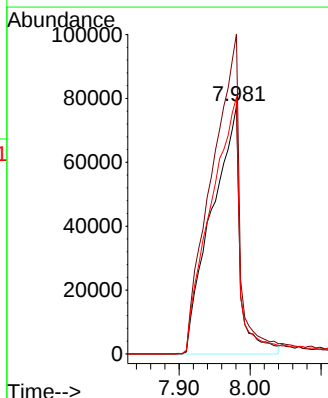
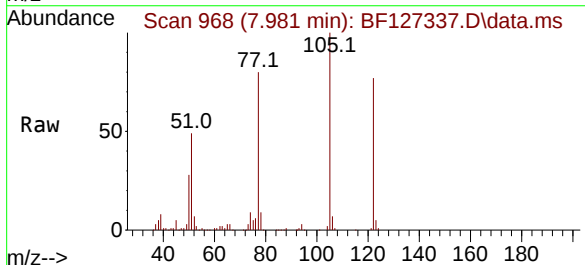
Tgt Ion:122 Resp: 215263

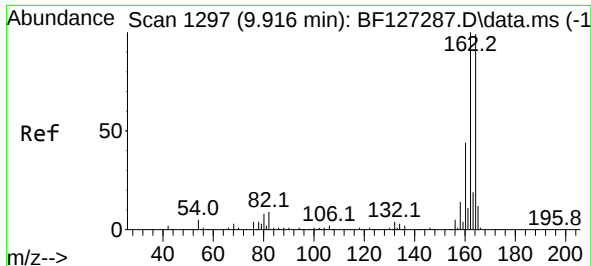
Ion Ratio Lower Upper

122 100

105 129.2 101.0 141.0

77 103.5 74.5 114.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF127337.D

Acq: 15 Mar 2022 21:40

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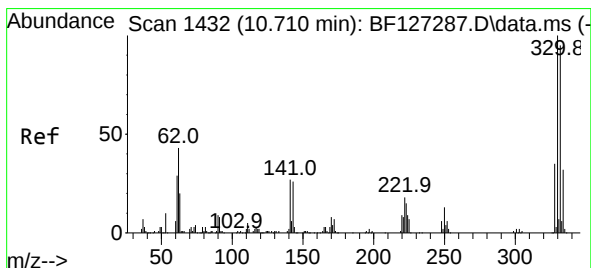
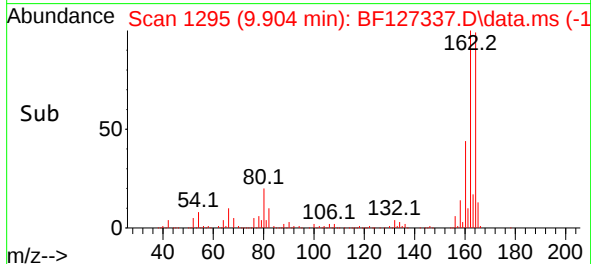
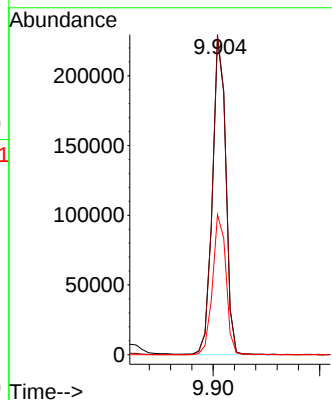
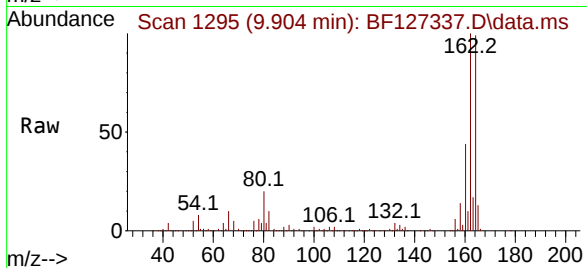
Tgt Ion:164 Resp: 198227

Ion Ratio Lower Upper

164 100

162 101.1 81.4 122.0

160 44.2 36.6 54.8



#42

2,4,6-Tribromophenol

Concen: 153.015 ng

RT: 10.704 min Scan# 1431

Delta R.T. -0.006 min

Lab File: BF127337.D

Acq: 15 Mar 2022 21:40

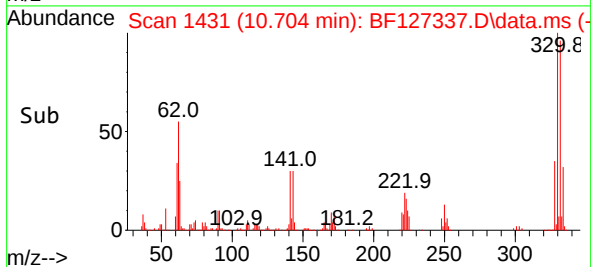
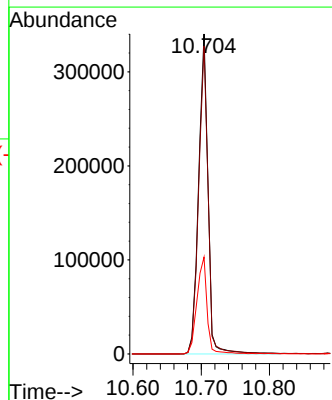
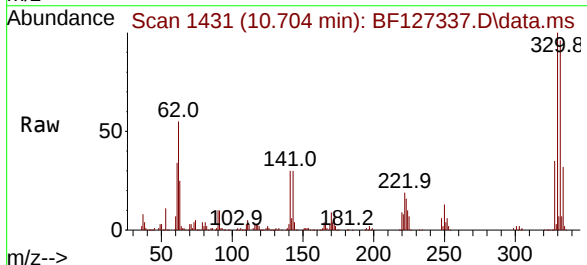
Tgt Ion:330 Resp: 326519

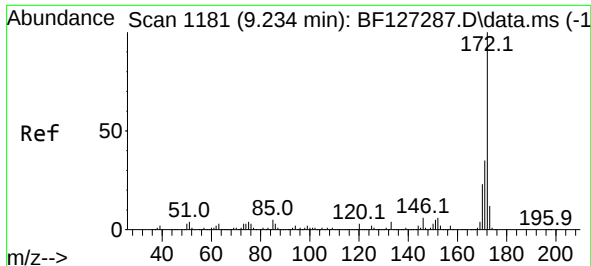
Ion Ratio Lower Upper

330 100

332 96.7 76.0 114.0

141 32.6 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 86.565 ng

RT: 9.228 min Scan# 1181

Delta R.T. -0.006 min

Lab File: BF127337.D

Acq: 15 Mar 2022 21:40

Instrument :

BNA\_F

ClientSampleId :

AVENUE-X-GROUT-SAMPLE-A

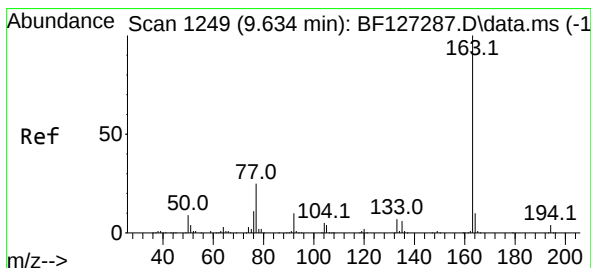
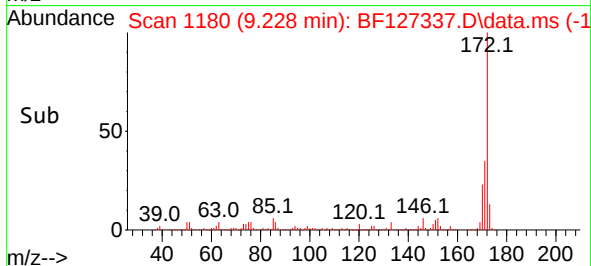
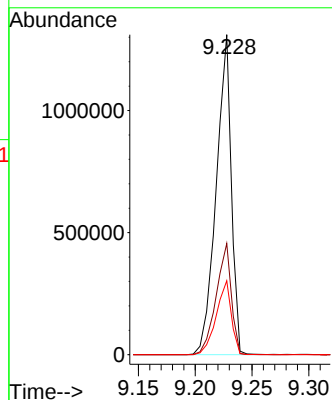
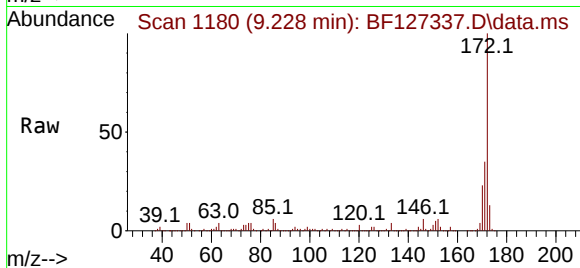
Tgt Ion:172 Resp: 1213719

Ion Ratio Lower Upper

172 100

171 34.7 28.3 42.5

170 23.1 19.0 28.6



#50

Dimethylphthalate

Concen: 6.293 ng

RT: 9.828 min Scan# 1282

Delta R.T. 0.194 min

Lab File: BF127337.D

Acq: 15 Mar 2022 21:40

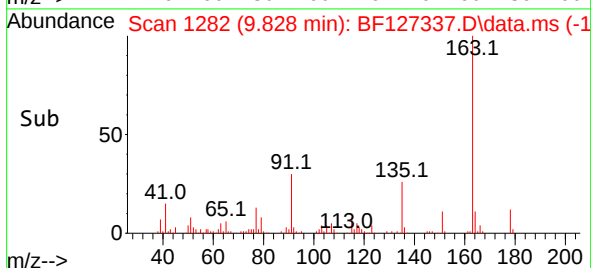
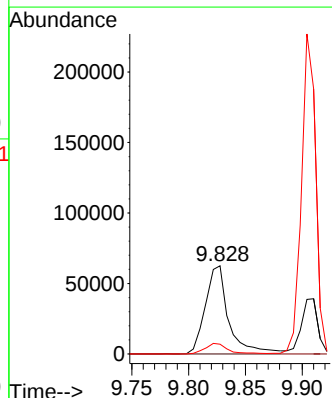
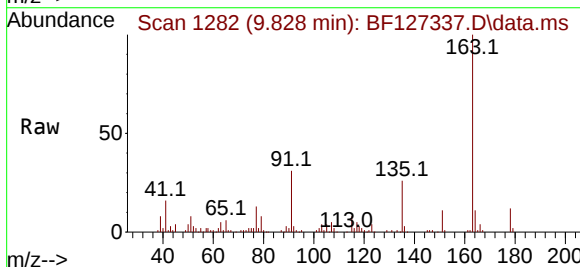
Tgt Ion:163 Resp: 89386

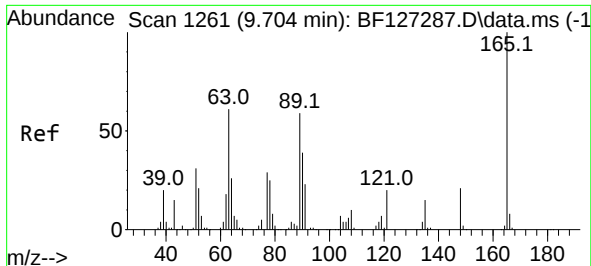
Ion Ratio Lower Upper

163 100

194 0.0 2.6 3.8#

164 11.1 7.8 11.8

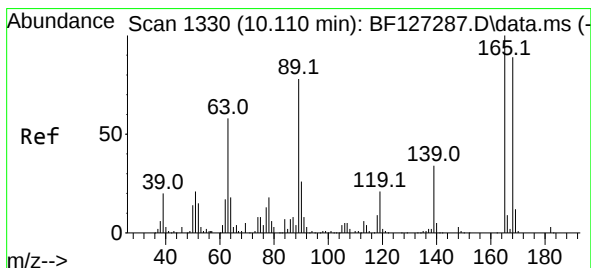
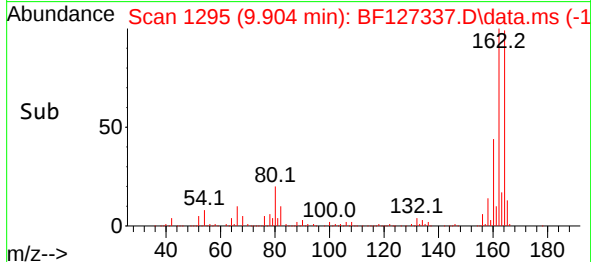
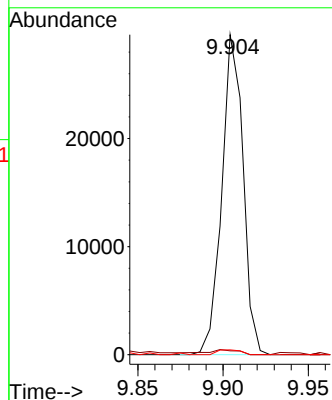
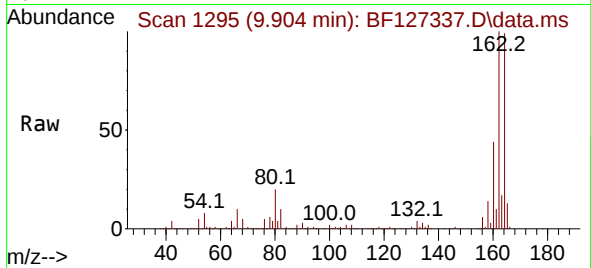




#51  
2,6-Dinitrotoluene  
Concen: 8.939 ng  
RT: 9.904 min Scan# 1295  
Delta R.T. 0.200 min  
Lab File: BF127337.D  
Acq: 15 Mar 2022 21:40

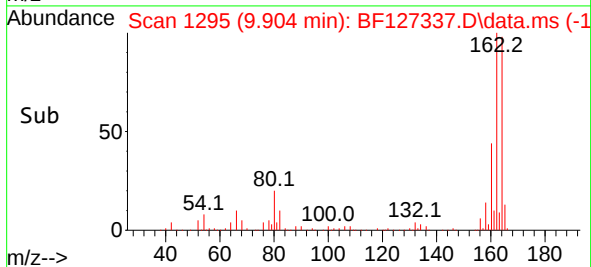
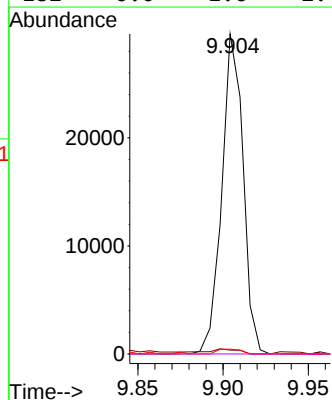
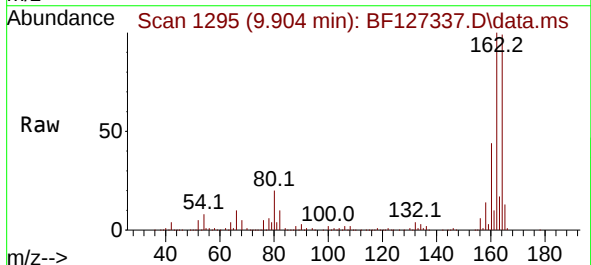
Instrument :  
BNA\_F  
ClientSampleId :  
AVENUE-X-GROUT-SAMPLE-A

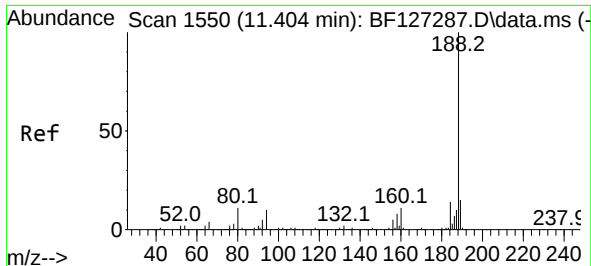
Tgt Ion:165 Resp: 25685  
Ion Ratio Lower Upper  
165 100  
63 1.2 48.4 72.6#  
89 1.5 50.5 75.7#



#57  
2,4-Dinitrotoluene  
Concen: 6.794 ng  
RT: 9.904 min Scan# 1295  
Delta R.T. -0.206 min  
Lab File: BF127337.D  
Acq: 15 Mar 2022 21:40

Tgt Ion:165 Resp: 25685  
Ion Ratio Lower Upper  
165 100  
63 1.2 43.0 64.6#  
89 1.5 71.0 106.4#  
182 0.0 1.6 2.4#

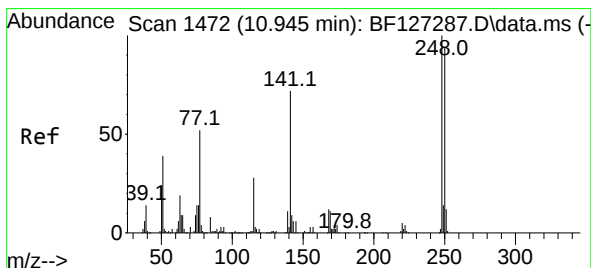
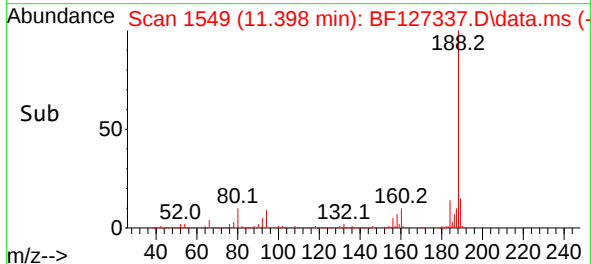
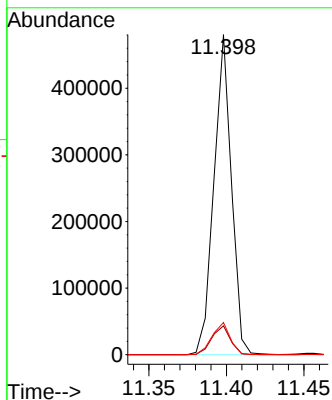
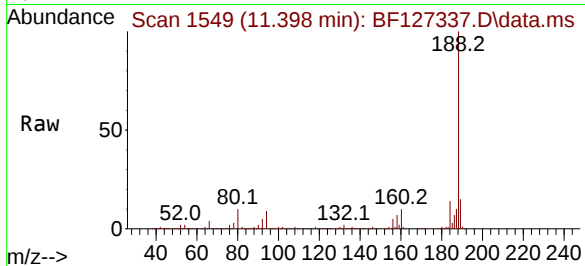




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.398 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF127337.D  
Acq: 15 Mar 2022 21:40

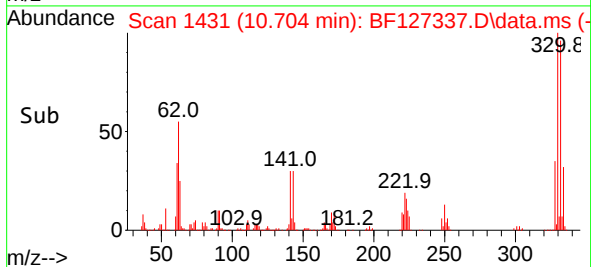
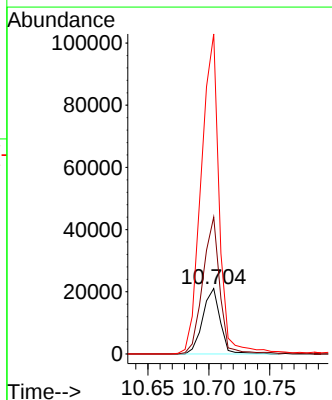
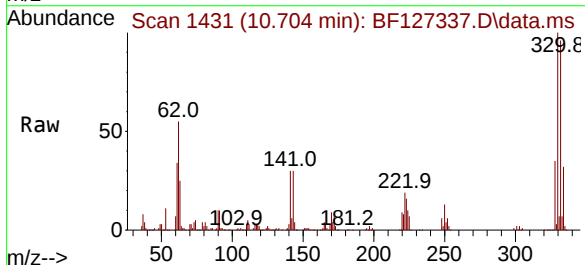
Instrument :  
BNA\_F  
ClientSampleId :  
AVENUE-X-GROUT-SAMPLE-A

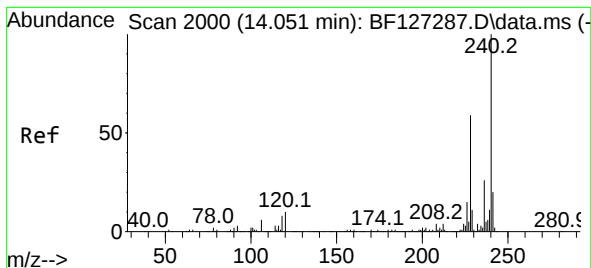
Tgt Ion:188 Resp: 376914  
Ion Ratio Lower Upper  
188 100  
94 9.0 10.1 15.1#  
80 10.1 11.8 17.6#



#67  
4-Bromophenyl-phenylether  
Concen: 4.611 ng  
RT: 10.704 min Scan# 1431  
Delta R.T. -0.241 min  
Lab File: BF127337.D  
Acq: 15 Mar 2022 21:40

Tgt Ion:248 Resp: 20951  
Ion Ratio Lower Upper  
248 100  
250 209.2 76.2 114.4#  
141 489.0 66.2 99.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 1819

Delta R.T. -0.006 min

Lab File: BF127337.D

Acq: 15 Mar 2022 21:40

Instrument :

BNA\_F

ClientSampleId :

AVENUE-X-GROUT-SAMPLE-A

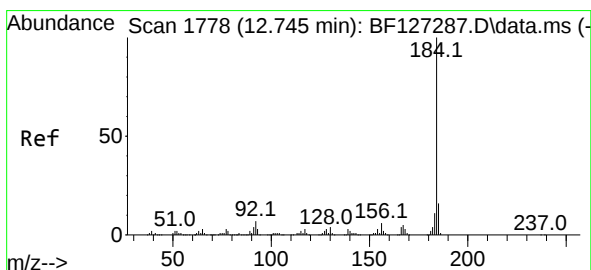
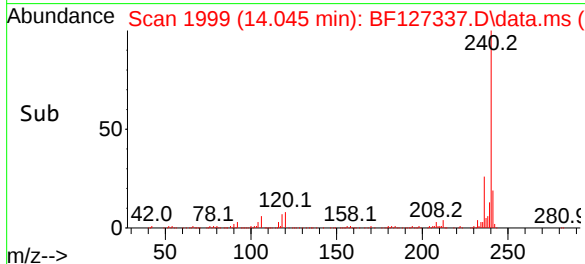
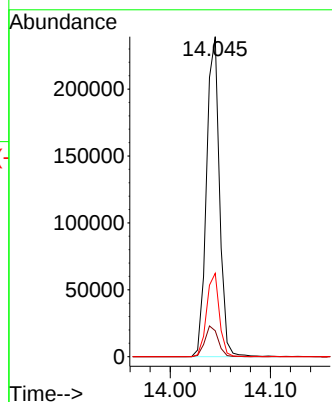
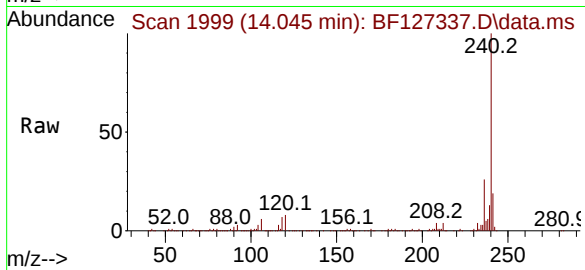
Tgt Ion:240 Resp: 216038

Ion Ratio Lower Upper

240 100

120 8.1 14.4 21.6#

236 26.0 20.5 30.7



#77

Benzidine

Concen: 3.379 ng

RT: 12.986 min Scan# 1819

Delta R.T. 0.241 min

Lab File: BF127337.D

Acq: 15 Mar 2022 21:40

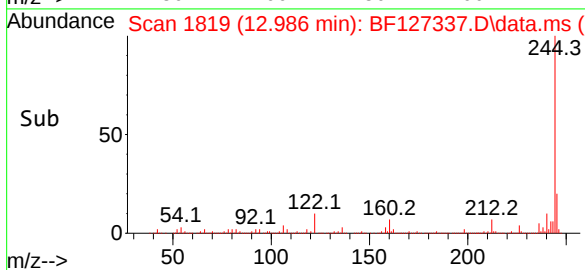
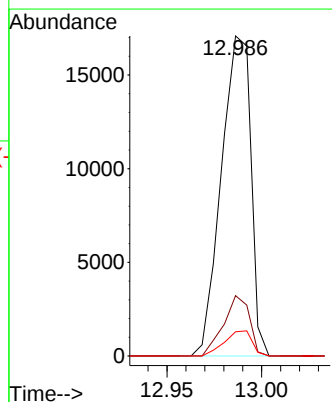
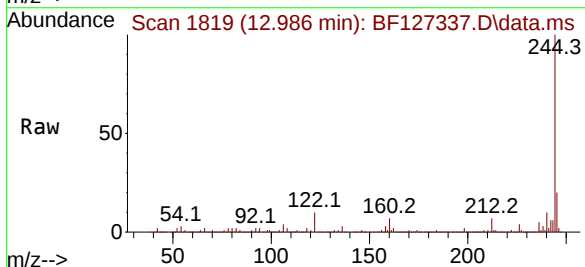
Tgt Ion:184 Resp: 18563

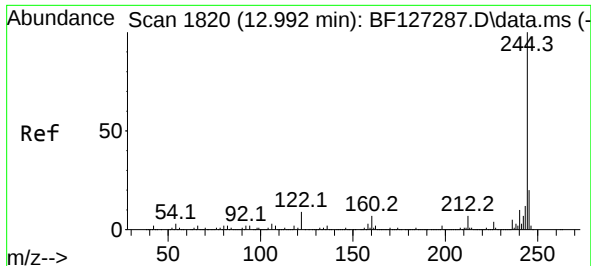
Ion Ratio Lower Upper

184 100

185 18.9 11.8 17.8#

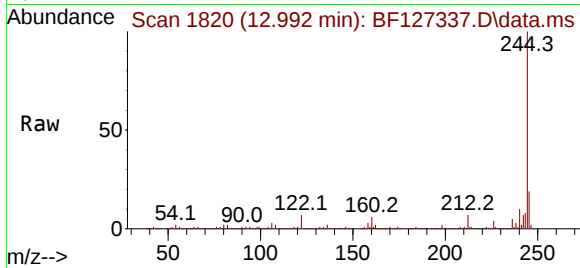
183 7.5 8.2 12.2#



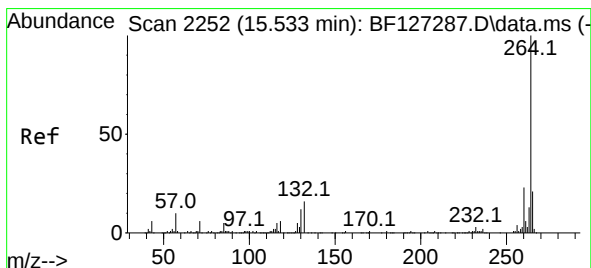
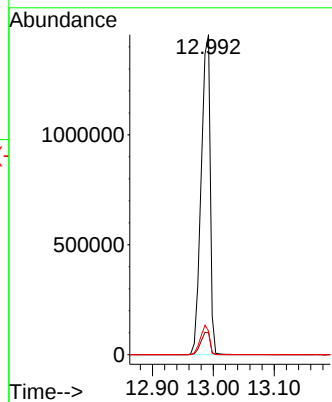
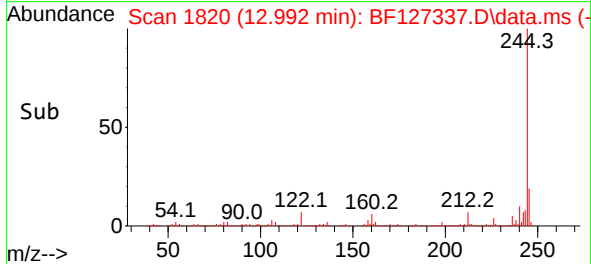


#79  
 Terphenyl-d14  
 Concen: 118.960 ng  
 RT: 12.992 min Scan# 1820  
 Delta R.T. -0.000 min  
 Lab File: BF127337.D  
 Acq: 15 Mar 2022 21:40

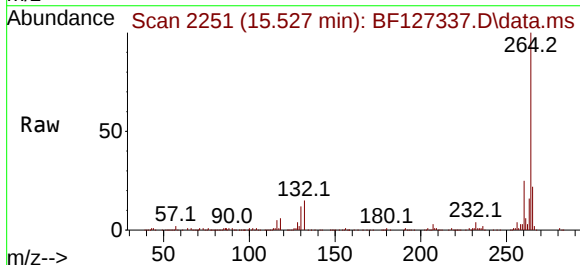
Instrument :  
 BNA\_F  
 ClientSampleId :  
 AVENUE-X-GROUT-SAMPLE-A



Tgt Ion:244 Resp: 1492486  
 Ion Ratio Lower Upper  
 244 100  
 212 6.8 5.0 7.4  
 122 7.4 13.3 19.9#



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.527 min Scan# 2251  
 Delta R.T. -0.006 min  
 Lab File: BF127337.D  
 Acq: 15 Mar 2022 21:40



Tgt Ion:264 Resp: 197248  
 Ion Ratio Lower Upper  
 264 100  
 260 24.6 19.2 28.8  
 265 21.6 17.4 26.2

