

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP111821\  
 Data File : BP008014.D  
 Acq On : 18 Nov 2021 13:42  
 Operator : CG/JU  
 Sample : M4724-05  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 STUCCO-1ST-FLOOR

Quant Time: Nov 18 15:16:40 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP111321.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Nov 15 05:36:49 2021  
 Response via : Initial Calibration

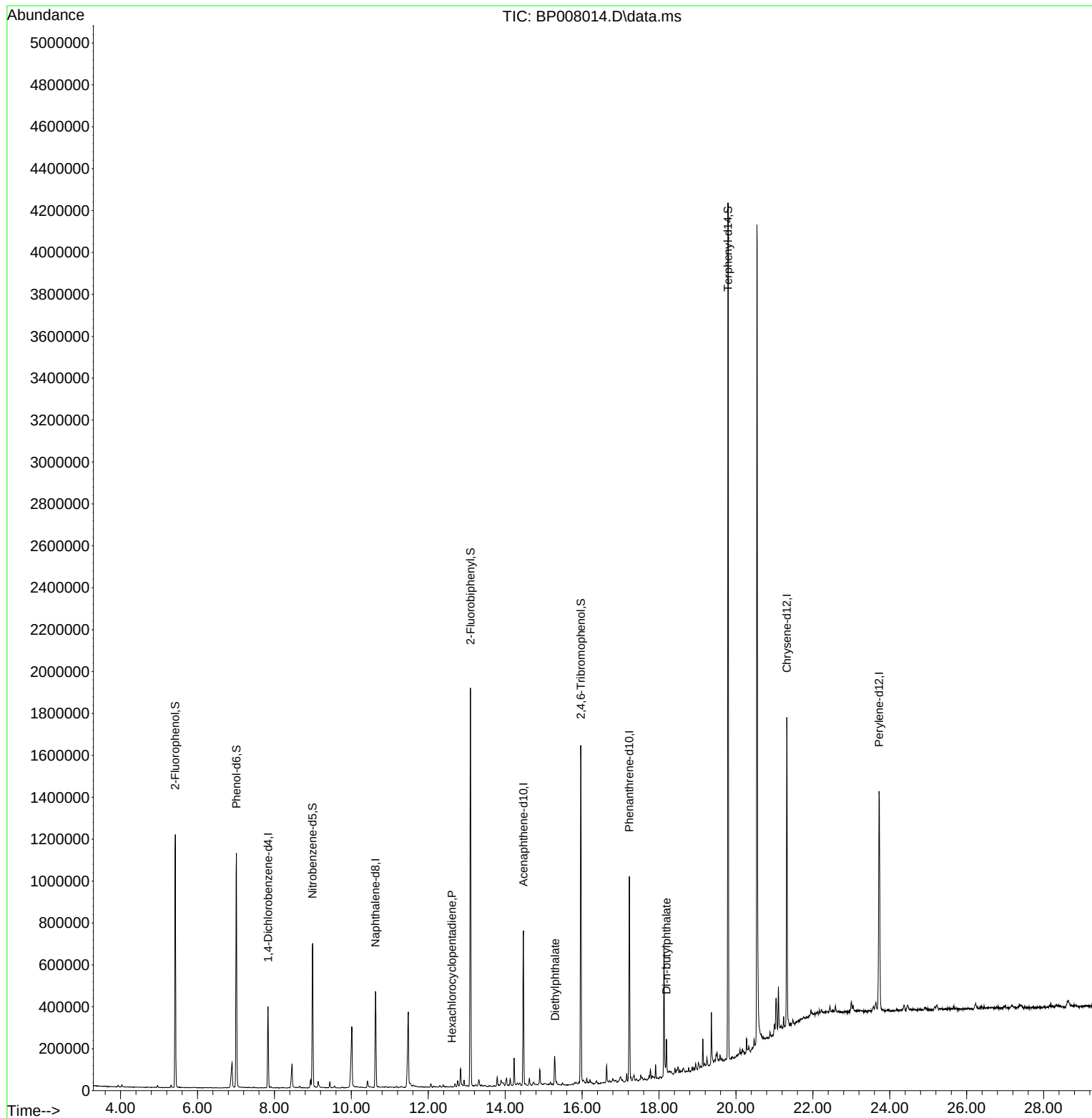
| Compound                      | R.T.   | QIon | Response | Conc      | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|-------|----------|
| -----                         |        |      |          |           |       |          |
| Internal Standards            |        |      |          |           |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.834  | 152  | 103593   | 20.000    | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.628 | 136  | 377338   | 20.000    | ng    | -0.01    |
| 39) Acenaphthene-d10          | 14.475 | 164  | 253668   | 20.000    | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.228 | 188  | 574465   | 20.000    | ng    | #-0.01   |
| 76) Chrysene-d12              | 21.322 | 240  | 735150   | 20.000    | ng    | -0.01    |
| 86) Perylene-d12              | 23.722 | 264  | 845409   | 20.000    | ng    | -0.02    |
| System Monitoring Compounds   |        |      |          |           |       |          |
| 5) 2-Fluorophenol             | 5.423  | 112  | 504969   | 79.076    | ng    | 0.00     |
| 7) Phenol-d6                  | 7.011  | 99   | 608571   | 71.635    | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 8.993  | 82   | 387905   | 55.012    | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 15.969 | 330  | 335597   | 84.085    | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.099 | 172  | 968012   | 53.529    | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.792 | 244  | 1933741  | 53.337    | ng    | -0.01    |
| Target Compounds              |        |      |          |           |       |          |
|                               |        |      |          |           |       | Qvalue   |
| 9) Benzaldehyde               | 6.958  | 77   | 333      | Below Cal | #     | 21       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.452  | 45   | 9939     | Below Cal |       | 79       |
| 41) Hexachlorocyclopentadiene | 12.616 | 237  | 7        | 3.071     | ng    | 92       |
| 60) Diethylphthalate          | 15.298 | 149  | 39641    | 2.049     | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.192 | 149  | 106252   | 3.178     | ng    | 99       |
| -----                         |        |      |          |           |       |          |

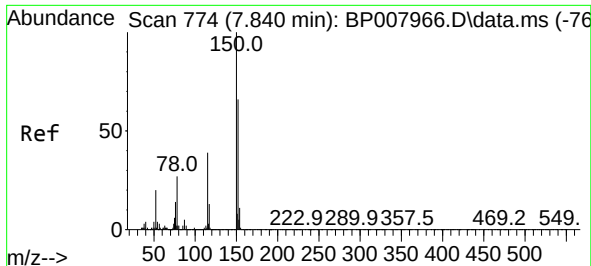
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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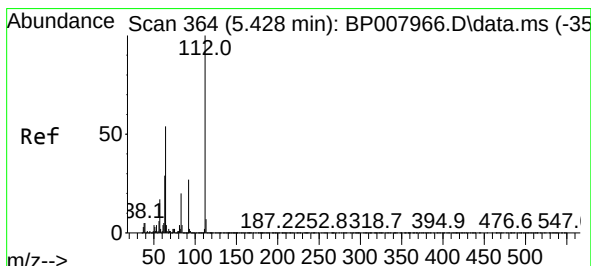
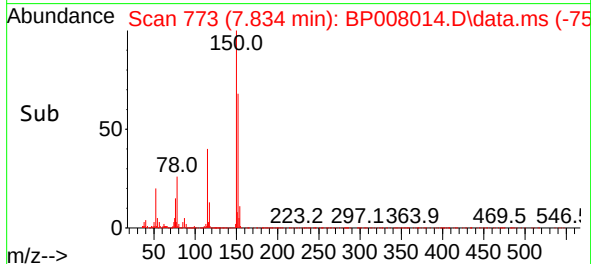
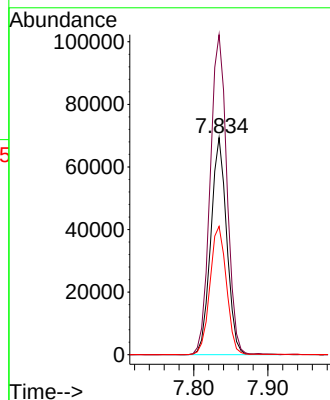
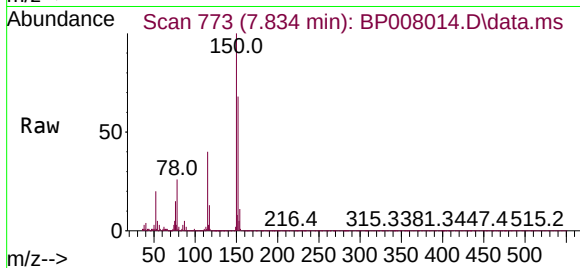




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.834 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BP008014.D  
Acq: 18 Nov 2021 13:42

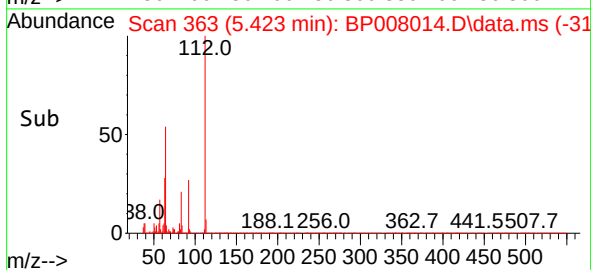
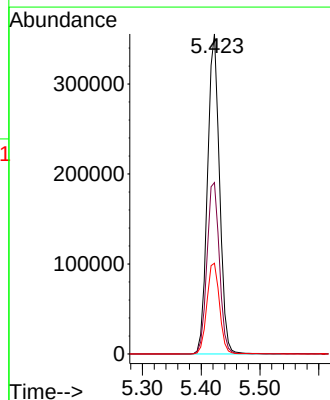
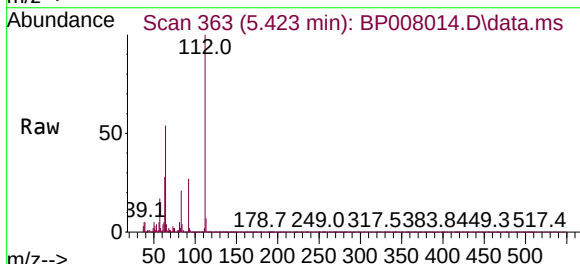
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BNA\_P  
ClientSampleId :  
STUCCO-1ST-FLOOR

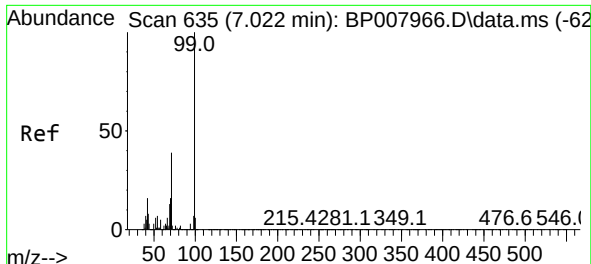
Tgt Ion:152 Resp: 103593  
Ion Ratio Lower Upper  
152 100  
150 147.4 124.1 186.1  
115 59.1 48.1 72.1



#5  
2-Fluorophenol  
Concen: 79.076 ng  
RT: 5.423 min Scan# 363  
Delta R.T. -0.005 min  
Lab File: BP008014.D  
Acq: 18 Nov 2021 13:42

Tgt Ion:112 Resp: 504969  
Ion Ratio Lower Upper  
112 100  
64 53.5 46.6 70.0  
63 28.4 25.0 37.6

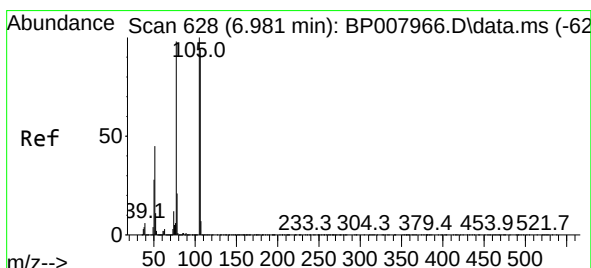
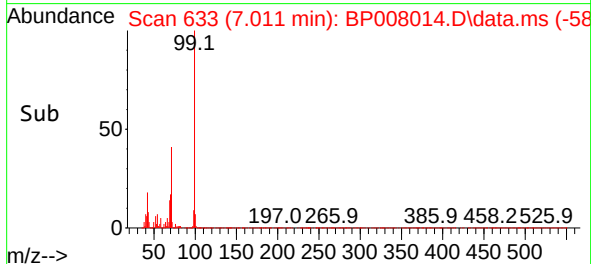
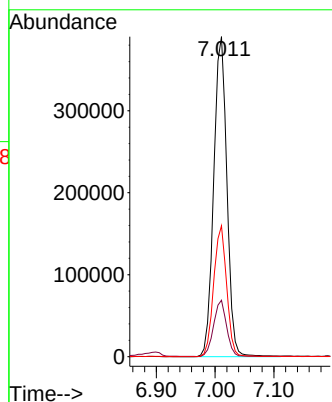
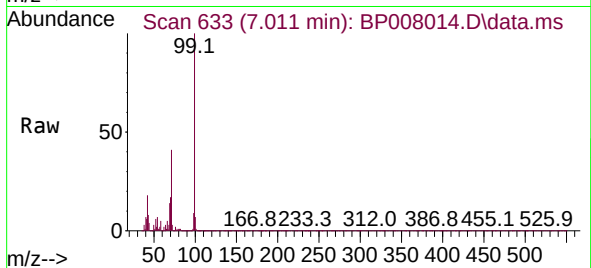




#7  
Phenol-d6  
Concen: 71.635 ng  
RT: 7.011 min Scan# 61  
Delta R.T. -0.011 min  
Lab File: BP008014.D  
Acq: 18 Nov 2021 13:42

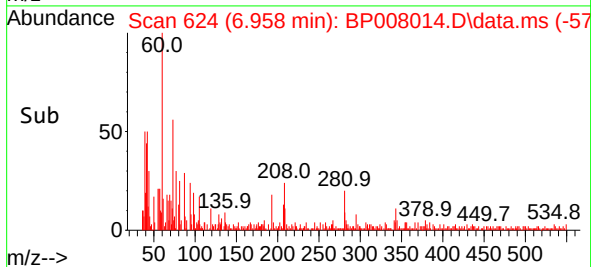
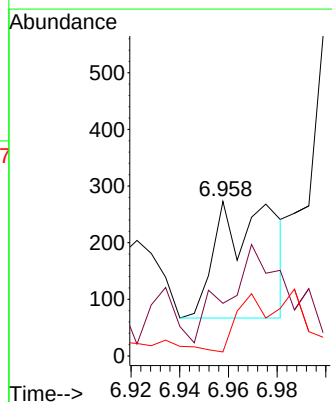
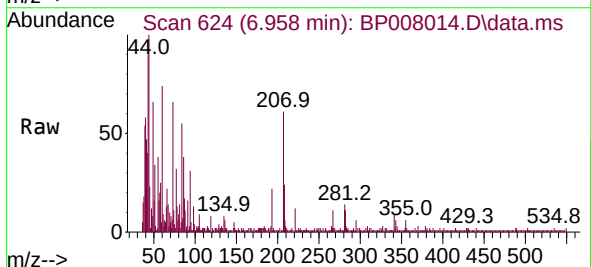
Instrument :  
BNA\_P  
ClientSampleId :  
STUCCO-1ST-FLOOR

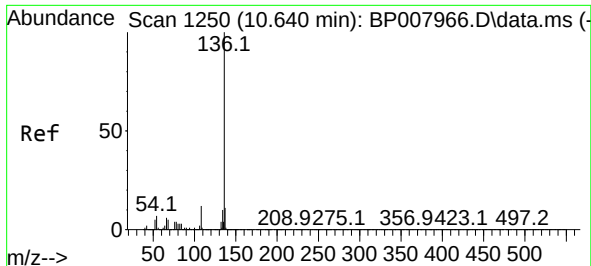
Tgt Ion: 99 Resp: 608571  
Ion Ratio Lower Upper  
99 100  
42 17.7 14.9 22.3  
71 40.9 29.2 43.8



#9  
Benzaldehyde  
Concen: Below Cal  
RT: 6.958 min Scan# 624  
Delta R.T. -0.023 min  
Lab File: BP008014.D  
Acq: 18 Nov 2021 13:42

Tgt Ion: 77 Resp: 333  
Ion Ratio Lower Upper  
77 100  
105 34.1 77.5 117.5#  
106 2.6 72.1 112.1#

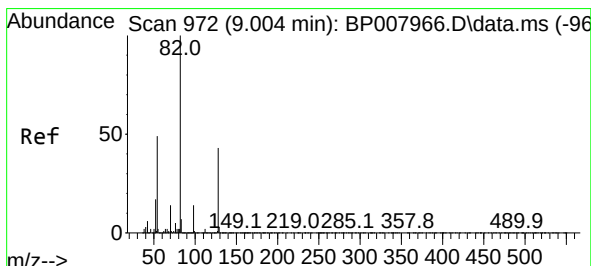
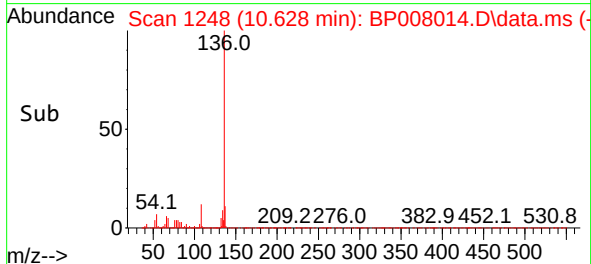
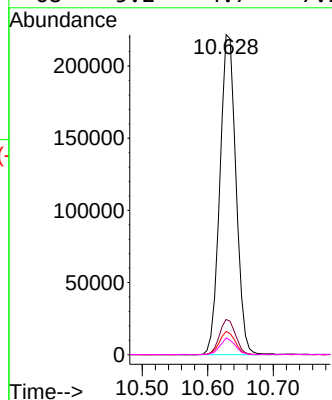
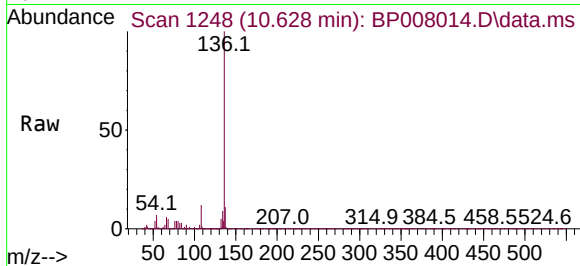




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.628 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BP008014.D  
Acq: 18 Nov 2021 13:42

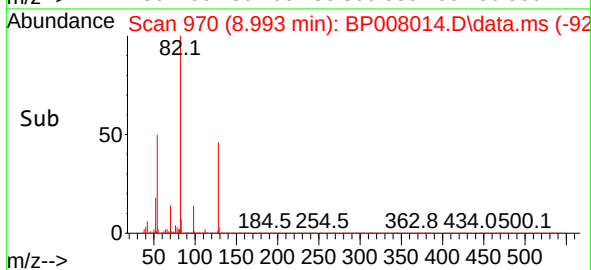
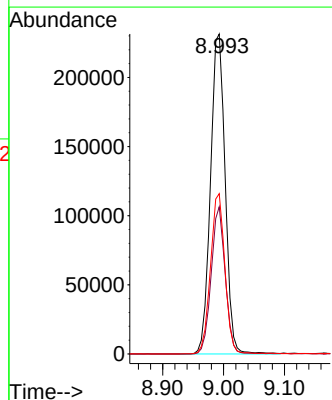
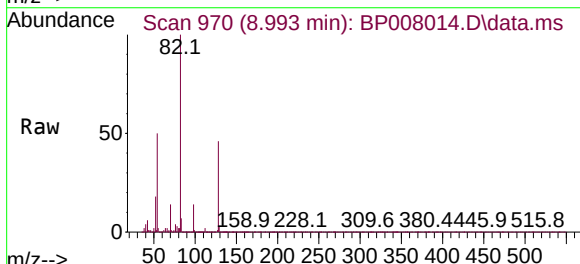
Instrument :  
BNA\_P  
ClientSampleId :  
STUCCO-1ST-FLOOR

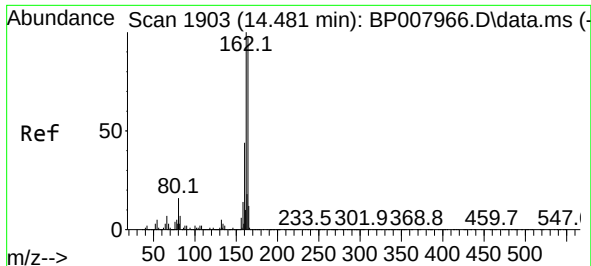
Tgt Ion:136 Resp: 377338  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.6 13.0  
54 7.3 6.2 9.4  
68 5.2 4.7 7.1



#23  
Nitrobenzene-d5  
Concen: 55.012 ng  
RT: 8.993 min Scan# 970  
Delta R.T. -0.011 min  
Lab File: BP008014.D  
Acq: 18 Nov 2021 13:42

Tgt Ion: 82 Resp: 387905  
Ion Ratio Lower Upper  
82 100  
128 46.0 32.6 48.8  
54 50.1 40.4 60.6

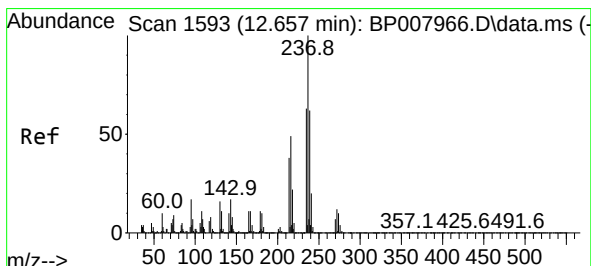
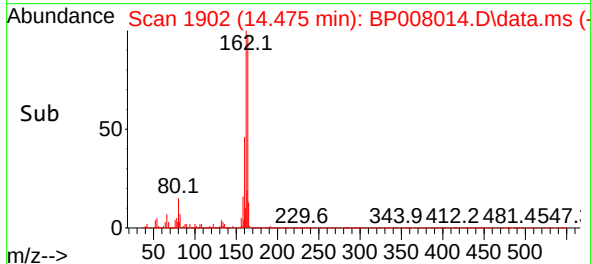
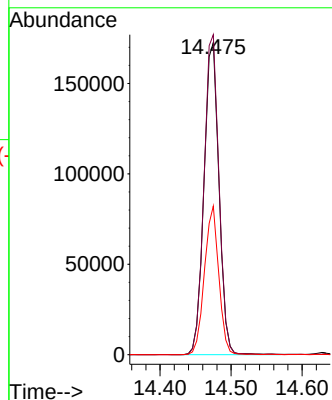
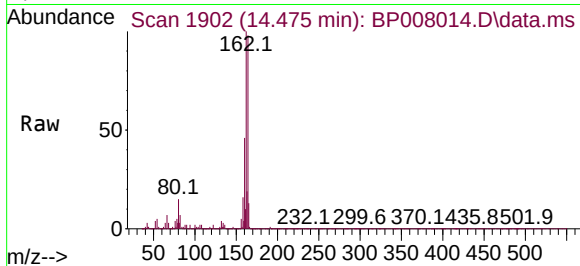




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.475 min Scan# 1586  
Delta R.T. -0.006 min  
Lab File: BP008014.D  
Acq: 18 Nov 2021 13:42

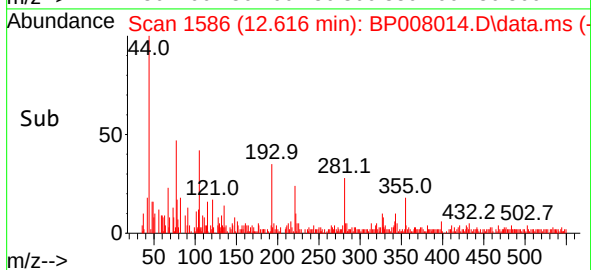
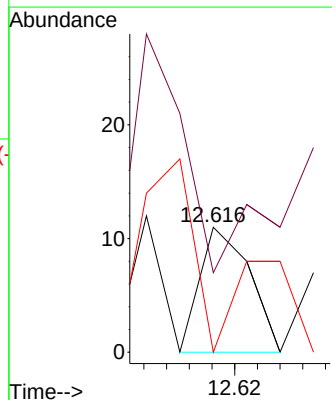
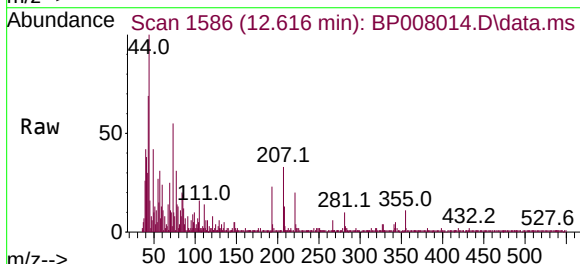
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ClientSampleId :  
STUCCO-1ST-FLOOR

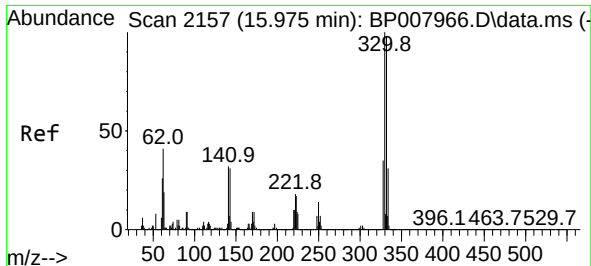
Tgt Ion:164 Resp: 253668  
Ion Ratio Lower Upper  
164 100  
162 102.5 81.1 121.7  
160 47.6 36.0 54.0



#41  
Hexachlorocyclopentadiene  
Concen: 3.071 ng  
RT: 12.616 min Scan# 1586  
Delta R.T. -0.041 min  
Lab File: BP008014.D  
Acq: 18 Nov 2021 13:42

Tgt Ion:237 Resp: 7  
Ion Ratio Lower Upper  
237 100  
235 63.6 41.2 81.2  
272 0.0 0.0 31.9

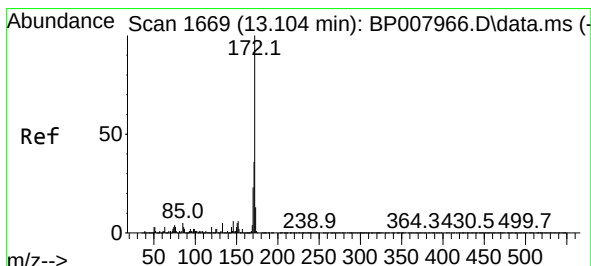
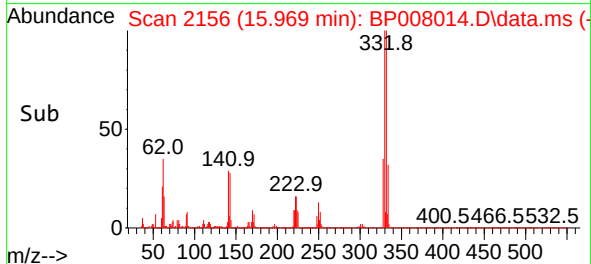
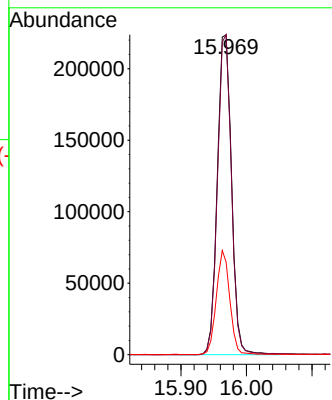
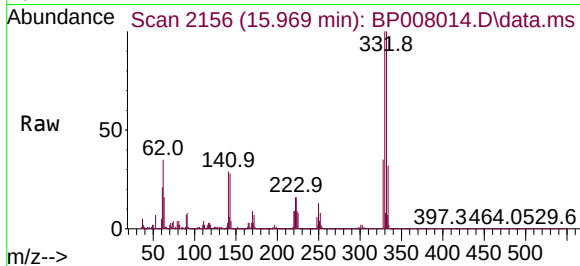




#42  
2,4,6-Tribromophenol  
Concen: 84.085 ng  
RT: 15.969 min Scan# 2156  
Delta R.T. -0.006 min  
Lab File: BP008014.D  
Acq: 18 Nov 2021 13:42

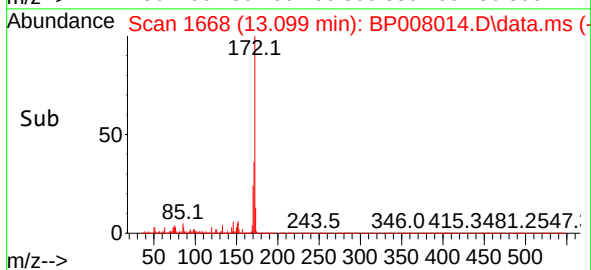
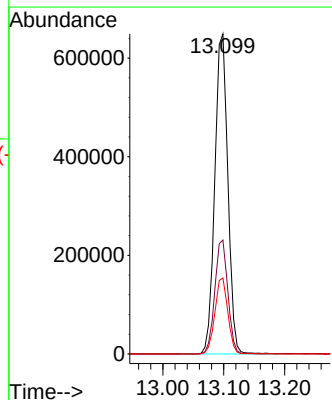
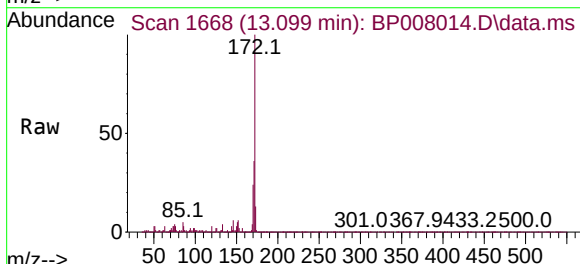
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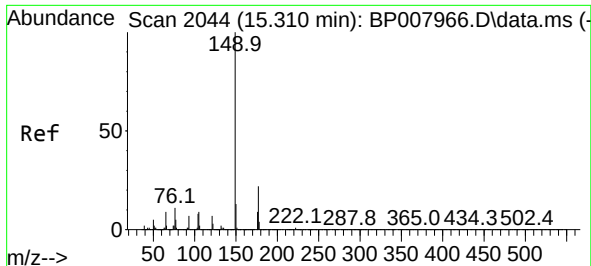
Tgt Ion:330 Resp: 335597  
Ion Ratio Lower Upper  
330 100  
332 97.4 78.9 118.3  
141 30.9 30.7 46.1



#45  
2-Fluorobiphenyl  
Concen: 53.529 ng  
RT: 13.099 min Scan# 1668  
Delta R.T. -0.005 min  
Lab File: BP008014.D  
Acq: 18 Nov 2021 13:42

Tgt Ion:172 Resp: 968012  
Ion Ratio Lower Upper  
172 100  
171 35.6 28.2 42.2  
170 23.8 19.0 28.4

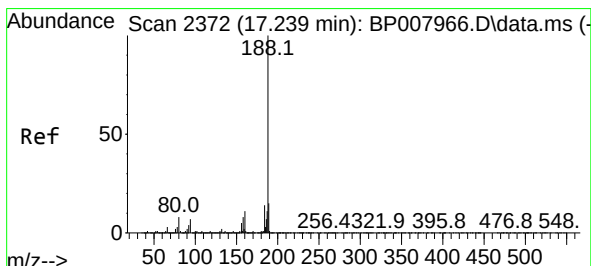
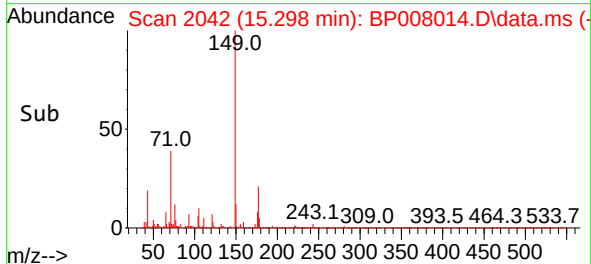
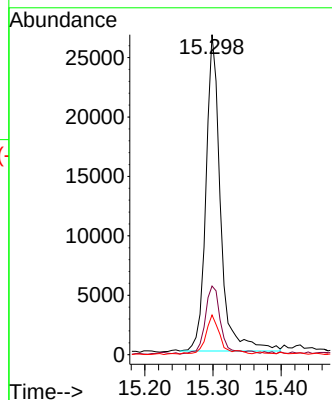
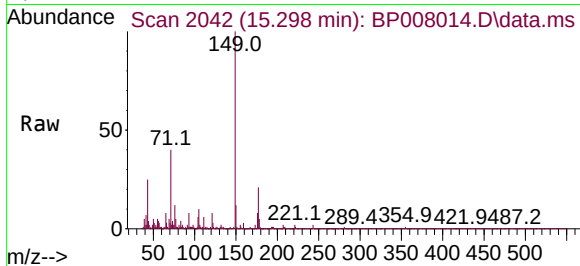




#60  
Diethylphthalate  
Concen: 2.049 ng  
RT: 15.298 min Scan# 2044  
Delta R.T. -0.012 min  
Lab File: BP008014.D  
Acq: 18 Nov 2021 13:42

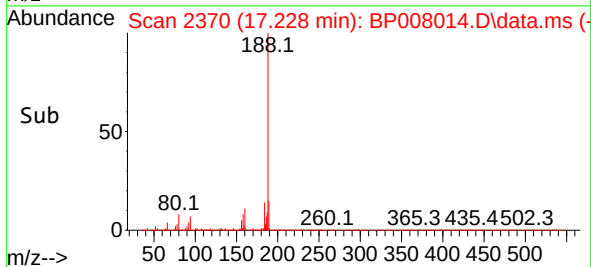
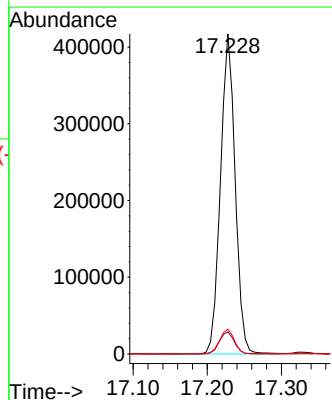
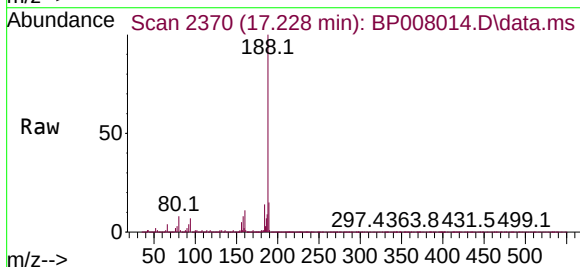
Instrument :  
BNA\_P  
ClientSampleId :  
STUCCO-1ST-FLOOR

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 149   | Resp: | 39641 |
| Ion Ratio | Lower | Upper |       |
| 149       | 100   |       |       |
| 177       | 21.4  | 17.8  | 26.8  |
| 150       | 12.4  | 10.2  | 15.2  |

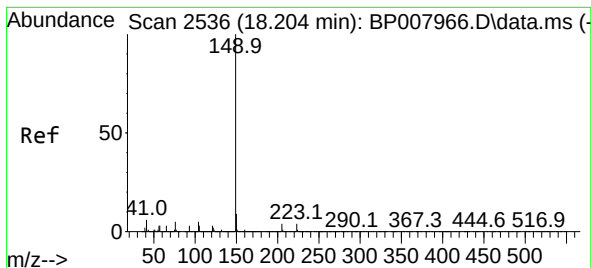


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.228 min Scan# 2370  
Delta R.T. -0.012 min  
Lab File: BP008014.D  
Acq: 18 Nov 2021 13:42

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 188   | Resp: | 574465 |
| Ion Ratio | Lower | Upper |        |
| 188       | 100   |       |        |
| 94        | 6.9   | 7.1   | 10.7#  |
| 80        | 7.8   | 7.8   | 11.6   |







#74

Di-n-butylphthalate

Concen: 3.178 ng

RT: 18.192 min Scan# 2534

Delta R.T. -0.012 min

Lab File: BP008014.D

Acq: 18 Nov 2021 13:42

Instrument :

BNA\_P

ClientSampleId :

STUCCO-1ST-FLOOR

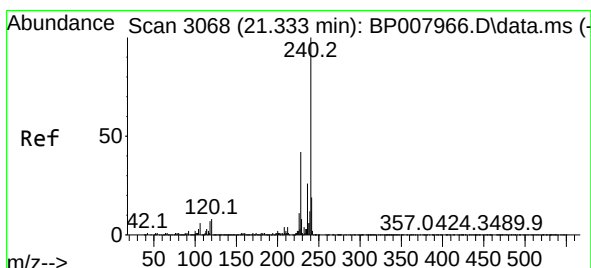
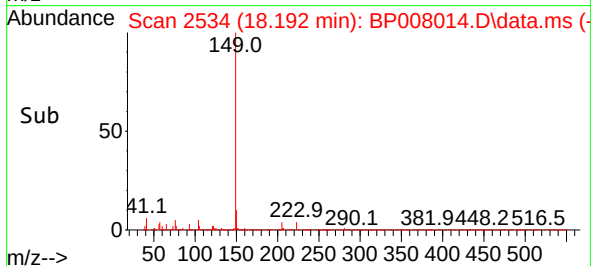
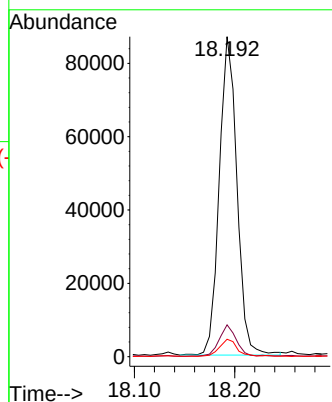
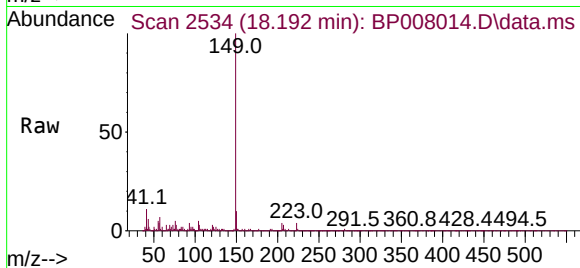
Tgt Ion:149 Resp: 106252

Ion Ratio Lower Upper

149 100

150 10.0 7.6 11.4

104 5.5 4.2 6.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.322 min Scan# 3066

Delta R.T. -0.012 min

Lab File: BP008014.D

Acq: 18 Nov 2021 13:42

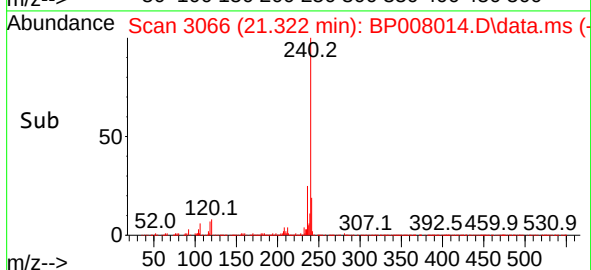
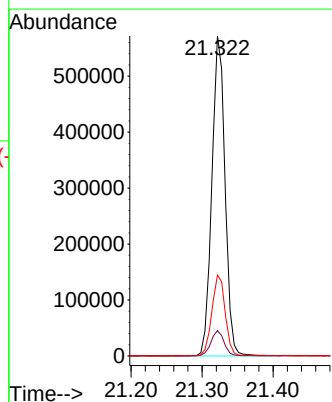
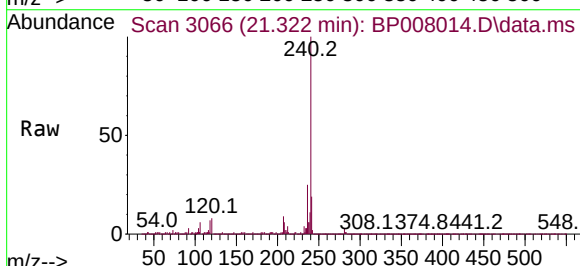
Tgt Ion:240 Resp: 735150

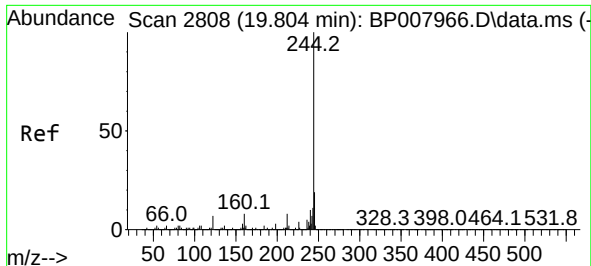
Ion Ratio Lower Upper

240 100

120 8.0 7.8 11.8

236 25.3 20.6 30.8



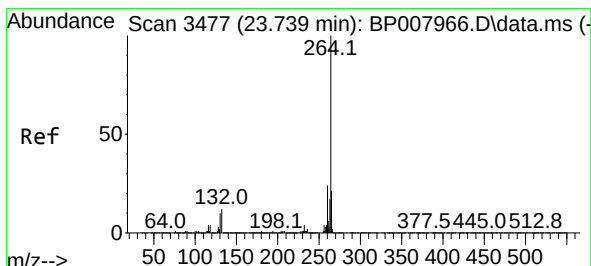
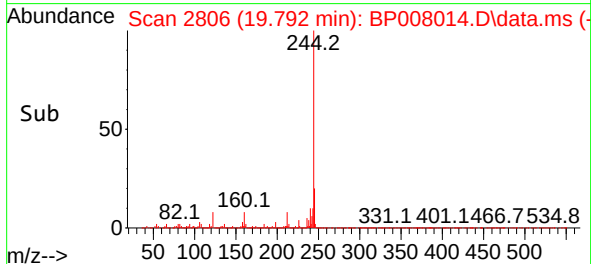
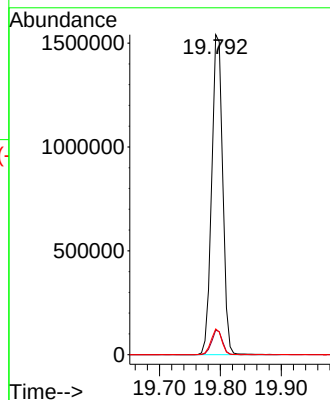
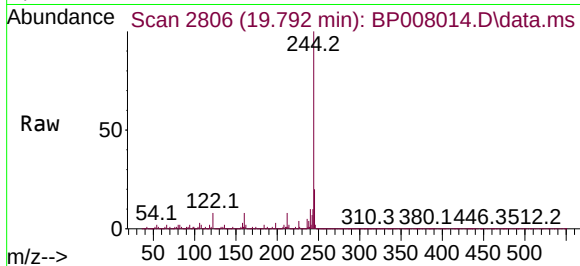


#79  
 Terphenyl-d14  
 Concen: 53.337 ng  
 RT: 19.792 min Scan# 21  
 Delta R.T. -0.012 min  
 Lab File: BP008014.D  
 Acq: 18 Nov 2021 13:42

Instrument :  
 BNA\_P  
 ClientSampleId :  
 STUCCO-1ST-FLOOR

Tgt Ion:244 Resp: 1933741  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 7.7   | 6.2   | 9.2   |
| 122 | 8.0   | 7.8   | 11.8  |



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.722 min Scan# 3474  
 Delta R.T. -0.017 min  
 Lab File: BP008014.D  
 Acq: 18 Nov 2021 13:42

Tgt Ion:264 Resp: 845409  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.7  | 19.1  | 28.7  |
| 265 | 22.5  | 16.7  | 25.1  |

